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## 5 REASONS TO SHOP WITH US!



### Personalized Customer Service

Markertek has industry specific account executives dedicated to your specialty. Each offers the expertise and customer-first service that's second to none.



### 35 Years of Experience

From analog to 8K and beyond, Markertek has over 35 years of experience delivering everything you need for video production and studio infrastructure.



### 100% Employee Owned, Managed & Operated

In 2016, we decided to make our employees actual equity stake owners in 100% of the company. When you're dealing with us, you're dealing with the owners.



### Free Shipping on Thousands of Items

We provide fast FREE ground shipping for orders placed on our web site over \$49. We also offer reduced rates on expedited shipping to get you your gear faster.



### Custom Services

Our in-house custom shop utilizes the very best polishing, stripping, laser engraving and metalwork equipment to meet your specifications and exceed your expectations.

## WE SUPPORT

Markertek is a proud supporter of the following industry organizations!





# MARKERTEK CUSTOM METAL, FIBER & CABLES



## We'll deliver your project on time and on budget!

Our in-house custom shops utilize the very best polishing, stripping, laser engraving and metalworking equipment to quickly turn your imagination into reality. By using the latest testing & QC equipment, we ensure that each custom job meets the highest standards of workmanship.

**You Think of It. We Build It.**



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## THE BEST BRANDS AT THE BEST PRICES



### California Residents: Prop 65 Notice

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## Blackmagic Design ATEM M/E Constellation 3G/SDI HD Production Switchers



Introducing ATEM Constellation HD, the world's most powerful HD live production switchers! These incredibly powerful HD switchers are available in 3 great models, including a 1 M/E model with 10 inputs, a 2 M/E model with 20 inputs and a massive 4 M/E model with 40 inputs! ATEM Constellation HD switchers feature a compact rack mount design with a built in control panel.

**BMD-ATEM1MECONHD • 1 M/E - 10x Inputs/6x Outputs/DVE/4 Chroma • \$995.00**

**BMD-ATEM2MECONHD • 2 M/E - 20x Inputs/12x Outputs/2 DVEs • \$1695.00**

**BMD-ATEM4MECONHD • 4 M/E - 40x Inputs/24x Outputs/4 DVEs • \$3695.00**



### Blackmagic Design SWPANELADV4ME ATEM 4 M/E Advanced Control Panel

The Blackmagic ATEM Constellation 8K is an Ultra HD live, powerful 8K production switcher, ideal for large live events. For the ultimate in

professional control add the optional ATEM 4 M/E Advanced Control Panel!

You can easily use ATEM Constellation with the software control panel but an ATEM Advanced Control Panel is so much faster! This massive model is big enough to perfectly match ALL features on the ATEM Constellation switcher! It features 4 M/E rows with 40 input buttons per row and 4 independent system control LCDs for each row. This super-sized panel includes 24 LCD's for custom labeling of every button on every row!

**BMDSWPANELADV4ME • Your Price \$18485.00**

### Blackmagic Design ATEM 2 M/E Advanced Control Panel



You can easily use ATEM Constellation with the software control panel but an ATEM Advanced Control Panel is so much faster! The 2 M/E model features 2 M/E rows with 20 input buttons and 2 independent system control LCDs for each row. Plus, each row can control up to 4 M/Es in larger switchers. Both rows and

all input buttons include LCDs for custom labeling. Each row also includes an independent select bus!

**BMDSWPANELADV2ME • Your Price \$6159.00**

### Blackmagic Design ATEM 1 M/E Advanced Broadcast Panel



The ATEM 1 M/E Advanced Panel is an elegantly designed professional hardware control panel for all ATEM switchers. It combines modern design with the latest broadcast technology for faster workflows. The design features a built in LCD and high quality curved buttons that help reduce incorrect key presses. The buttons also have color backlighting to help you quickly recognize important keys. You also get a professional joystick for DVE and camera adjustments, smooth weighted t-bar fader and much more.

**BMD-SWPANLADV1ME • Your Price \$3079.00**

## Blackmagic Design SWATEMSCN4/1ME4/8K ATEM Constellation 8K Ultra HD Live Production Switcher

The Blackmagic Design ATEM Constellation 8K is an Ultra HD live, powerful 8K



production switcher! Ideal for large live events you get 4 M/Es, 40 x 12G SDI inputs, 24 x 12G SDI aux outputs, 4 DVEs, 16 Keyers, 4 media players, 4 multi viewers, 2 SuperSource and standards conversion on every SDI input! Then when switched to 8K, all these features combine to make a powerful 8K switcher! You even get built in talkback and a professional 156 channel Fairlight audio mixer with EQ and dynamics! Plus, you can use the free ATEM Software Control or a choice of amazing hardware ATEM Advanced Panels. With so many inputs, ATEM Constellation 8K is ideal for concerts and music festivals because you can place cameras on all areas of the stage for amazing coverage!

**ATEMCONSTELLATIO • Your Price \$11245.00**

### Blackmagic Design SWATEMRRW4ME4K ATEM 4 M/E Broadcast Studio 4K



The Blackmagic Design ATEM 4 M/E Broadcast Studio 4K is one of the world's most compact and advanced switchers! You get an incredible high performance live production switcher designed to work with the latest formats and high frame rates, all the way up to Ultra HD 2160p59.94! Packed with 16 next generation ATEM Advanced Chroma Keyers with 4 per M/E, it's perfect for advanced work and virtual sets. Includes great features like 2 Ultra HD multi viewers, full 2D DVE, a built in SuperSource compositing engine with 4 picture in picture DVEs, full re-synchronization on each 12G-SDI input and much more! The multi rate 12G-SDI connections automatically switch between all HD and Ultra HD formats up to 2160p59.94 with a single BNC cable!



**BMD-SWATEMRWME4K • Your Price \$6545.00**

### Blackmagic Design ATEM 1 M/E Production Studio 4K Production Switcher

Create stunning multi camera live production with the world's most advanced production switchers! ATEM switches between SD, HD or Ultra HD video standards so you can connect a wide range of video sources such as cameras, disk recorders and computers. You get powerful features such as chroma key, creative transitions, media pool, downstream keyers, audio mixer, multi view and more! The advanced ATEM 1 M/E Production Studio 4K features extra inputs, full motion DVE, stinger transitions, larger media pool with full motion clips and 3 auxiliary outputs!



**BMD-ATEM-1MEPS4K • Your Price \$2705.00**

### Datavideo 4 Input HDBaseT Production Switcher with Built-In Streaming Encoder and Recorder

The Datavideo HS-1600T MARK II brings a new level of simplicity to production workflows. You'll set up faster and easier thanks to its portable "briefcase" design and HDBaseT Technology.

- 4 video inputs (RJ-45 x 3 + HDMI x 1) and 4 video (HDMI x 3)+HDBaseT outputs, Video Sampling in 4:4:4 10-bit

- Audio inputs: XLR Analogue x 2 + RCA Analogue (L/R) x 2 • Made with HDBaseT Technology

- Built-in H.264 recorder for SD cards - The HS-1600T MARK II comes with a built-in web-ready recorder. Simply insert your SD card, and you'll have video files that can be immediately uploaded to the video network of your choice or to your website.



**DV-HS1600TMKII • Your Price \$5599.00**





## Blackmagic Design ATEM Mini Extreme Live Production HDMI Switcher - 8 HDMI Inputs & Direct Live Streaming



Blackmagicdesign



Blackmagic Design ATEM Mini Extreme is an advanced switcher for true professionals! You get all the ATEM Mini Pro features plus 8 HDMI inputs, 2 separate HDMI outputs, 2 USB ports and a headphone connection. There are also 4 chroma keys, 6 picture in picture

DVEs, 2 media players, and a multiview with up to 16 views!

- Easy to Use and Fast to Learn!
- Automatically Converts Any HDMI Input Format
- Stream Live Interviews via Ethernet
- Connect up to 8 Independent Cameras
- Outputs to HDMI Video and USB Webcam
- Connect 5G or 4G Phones for Mobile Data

**BMD-ATEMMINIEXTR** • Mini Extreme • **Your Price \$995.00**

**BMD-ATEMMINEXISO** • Mini Extreme ISO • **Your Price \$1295.00**

**NEW! ATEMSDIEXTREMISO** • SDI Extreme ISO • **Your Price \$1495.00**

## Blackmagic Design ATEM SDI Portable Switcher with 4 3G-SDI Inputs



Blackmagicdesign

Blackmagic Design ATEM SDI is a family of live production switchers designed for broadcasters who need extreme portability! ATEM SDI switchers are very similar to ATEM Mini, however the video connections are 3G-SDI and each model has double the number of video outputs! You get 4 SDI inputs on the ATEM SDI Plus all SDI inputs feature standards converters and re-sync! You even get DVEs for picture in picture effects! The USB works as a webcam for connecting video to computers, while the Pro and Extreme models feature built in streaming. For audio the Fairlight mixer includes a compressor, limiter and 6 band parametric EQ on each input!

**Direct Streaming: ATEM SDI Pro ISO** supports direct live streaming using Real Time Messaging Protocol (RTMP) over ethernet or a shared mobile internet connection over USB-C

Total Video Inputs: 4 | Total Outputs: 3 | Total Aux Outputs: 2 | Total Audio Inputs: 2 x 3.5mm stereo mini jack | Total Audio Outputs: None, embedded audio only | Timecode Connection: None | SDI Video Inputs: 4 x 3G-SDI, 10-bit HD switchable. 2 channel embedded audio | Video Input Re-Sync: On all 4 SDI inputs | Frame Rate and Format Converters: On all 4 SDI inputs | SDI Program Outputs: 2 | Ethernet supports 10/100 BaseT for software control, software updates and direct or network panel connection | Computer Interface: 1 x USB Type-C 2.0 for webcam out, software control, software updates and panel connection

**BMD-ATEM-SDI** • ATEM SDI • **Your Price \$345.00**

**ATEMSDIPROISO** • ATEM SDI Pro ISO • **Your Price \$795.00**

## ATEM Mini Pro HDMI Video Production Switcher with Live Streaming



Blackmagicdesign

The Black Magic ATEM Mini Pro is a true Broadcast Switcher hidden in a tiny and affordable form! The ATEM Mini Pro uses the same features as high-end broadcast studios, it's a perfect way for entry level operators to learn the same controls and features used by

broadcasters. With a little experimentation you can learn how to produce broadcast quality live production. That means you get very long recordings in the same H.264 video file format with AAC audio that you streamed. That makes it easy to directly upload to any online video sites. There's also a multiview with 4 cameras, media, preview and program plus status of recording, streaming and audio.

**BMD-SWATEMMINIBP** • **Your Price \$295.00**

## Ross Carbonite Black Solo 13 Input 6 Output All In One 1 M/E Production Switcher



Carbonite Black Solo 13 is a powerful "All-In-One" 1ME switcher that is packed full of the features that Carbonite owners love to use every day. Compact and affordable, this switcher is built with a professional-class feature set to ensure a captivating and easy-to-execute show.



Unlike other small production switchers, Carbonite Black Solo offers: MiniME Resources for Event Production or Secondary Outputs: Carbonite Black Solo comes equipped with 2 MiniMEs, each of which has two keyers of its own. Freely assignable throughout the channel stream, MiniMEs are great for multi-layer effects, unique outputs or multi-screen processors for a live event.

**ROSS-CB5OLO-13** • 12x 3G HD-SDI, 1x HDMI Inputs • **Your Price \$7350.00**

**ROSS-CB5OLO** • 6x 3G HD-SDI, 3x HDMI Inputs • **Your Price \$6930.00**

**ROSS**

## Ross Graphite 4RU Integrated Production Systems

Imagine an all-inclusive system that combines superb big switcher performance with visually stunning 3D graphics, instant access clip servers and pristine audio clarity - with the reliability of separate system components - that's Graphite.



Real Switcher. Real Graphics. Real Audio.

Graphite is an all-inclusive system that combines superb big switcher performance with visually stunning 3D graphics, instant access clip servers and pristine audio clarity - all with the reliability of separate system components.

A single 4RU chassis houses the production switcher, audio mixer, graphics system and clip players. This simplifies connectivity and reduces space, power, and electrical requirements. Complete Ecosystem Graphite is designed to be a complete production solution right out of the box. Setup and configuration is simple and straightforward and the system even includes customizable graphics packages designed to get production up and running faster and more easily.

**ROSS-GRP4R1ME5I** • 5 Inputs, 1 M/E • **\$24995.00**

**ROSS-GRP4R1ME9I** • 9 Inputs, 1 M/E • **\$29829.00**

**ROSS-GRP4R2ME9I** • 9 Inputs, 2 M/E • **\$34805.00**

**ROSS-GRP4R2ME13I** • 13 Inputs, 2 M/E • **\$39775.00**

**ROSS**

## Skaarhoj TCP-LINK-4ATEM-V1 TCP Link for BlackMagic ATEM Switchers

The Blackmagic Design ATEM switcher has no TCP interface for easy integration with AV-systems. SKAARHOJ has created this tool, the TCP Link for ATEM, which provides a simple TCP interface to almost any feature in the switcher. It will report state changes of the switcher and accept and forward commands to the switcher. Exactly what you need for AV projects with various AV systems like Crestron, Extron and so forth.



**SKA-TCPLINK4ATEM** • **Your Price \$629.00**





### Roland VR-6HD Compact Direct Streaming A/V Mixer



Ultra-compact and filled with innovative Roland AV technologies, the VR-6HD is the ultimate all-in-one solution for everyday business livestreaming events. Offering advanced features and versatile connectivity in a portable, go-everywhere format, the VR-6HD is ideal for corporate meetings, online sales presentations, worship services, and other

professional streaming and video capture applications. Video switching, audio mixing, and LAN/USB streaming encoders are integrated into a single streamlined unit, eliminating the hassle and frustration that comes with connecting multiple devices. And one operator can easily handle all production tasks with minimal study, thanks to the smart interface, deep automation tools, one-touch macro sequencing, PTZ camera control, and more.

**ROL-VR-6HD • Your Price \$2995.00**

### Roland Systems Group V-1HD Plus Portable & Compact HD Video Switcher



- Professional HD switching solution for live events, livestreaming, or both at once
- Standalone video switcher and 14-channel audio mixer for single operators
- Compact and portable for fast set up
- Familiar interface that's quick to learn and easy to use
- Technology-assisted automatic

video switching

- Four-layer effects and keying engine to engage audiences with graphics, lower thirds, and social callouts
- Pro audio I/O with legendary Roland sound quality

**ROL-V-1HD-PLUS • Reg. \$695.00 Your Price \$695.00**



### Roland V-160HD SDI/HDMI Streaming Video Switcher with USB-C

- Portable hybrid event switcher with comprehensive features and connectivity
- Eight 3G SDI inputs with frame rate converters
- Eight 1080p HDMI inputs with frame rate converters, including four with real-time scalers

- Seven total outputs across SDI, HDMI, and USB-C streaming
- Seven selectable output modes: Program, Sub-Program, Aux, Preview, and three Multi-View options
- 40-channel digital audio mixer with effects and processing
- Eight-layer video effects engine

**ROL-V160HD • Your Price \$5349.00**

### Roland V-1HD Portable Compact Live HD Video Mixer & HDMI Production Switcher



The Roland V-1HD makes it easy to connect and switch video cameras, smart phones, computers, tablets, Blu-ray players and other HDMI video sources with a simple push of a button or slide of the T-Fader. It supports professional compositing effects such as picture-in-picture and keying allowing for graphic insets, titling or even "green screen" ideal for news broadcast or corporate training productions.

4 HDMI Inputs • Support for video cameras, action cameras, smart phones, tablet computers and other HDMI devices • Supports up to Full HD 1080p • Easy to Use Interface

**ROL-V-1HD • Your Price \$595.00**

### NewTek TriCaster TC410 PLUS Integrated Video Production System



TriCaster® TC410 Plus is an integrated video production system designed to create multi-platform productions live and on-demand.

- Mid-size production power including 4 M/E mixing, up to 8 external inputs, and 4 mix outputs
- NDI® integration for video, audio, and data transmission over IP • Real-time social media publishing • Streaming to Facebook Live, Twitch, and more
- Multi-channel recording and internal storage • Video playback without any additional hardware
- Integrated multiviewers for monitoring • Multi-channel audio mixing • Built-in video playback, data-driven graphics, compositing, effects, and more.

**TRI-TC410P • Your Price \$10495.00**

### YoloBox Pro Full HD Portable Multi-Camera Live Streamer

The YoloBox Pro is a video switcher, encoder/streamer, monitor, recorder and audio mixer all in one. With built-in restreaming service and native support YOLOBOXPRO integrates directly with YouTube/Facebook/Twitch to add graphic overlays (logos, lower-thirds, picture in picture, scoreboard, rolling captions) and featuring comments to the stream, Side-By-Side, Split-View and much more. It features 3 HDMI inputs, 1 HDMI output and 1 full-featured USB-C. That allows you to switch up to 8 sources, and up to four physical local cameras. The Pro supports your choice of input resolutions 720p and 1080i/p, as well as streams from 540p to 1080p60.



**YL-YOLOBOXPRO • Your Price \$1299.00**

### Sprolink NeoLIVE R2 Portable Streaming Video Switcher 4-Input 1080p 60Hz HDMI with 5.5 Inch LCD

A dedicated and pro video mixer, the Sprolink NeoLIVE R2 is designed offer simple live 4 camera switching and streaming while offering a 5.5-inch LCD monitor for 10 windows & multiview. Users can quickly select the input source, add or delete a layer, move layers horizontally or vertically, Scale and ZOOM.

- Dedicated design with two level reflux heat dissipation • Fully FPGA structure to realize audio video editing in real time • 6x audio control systems supporting flexible and powerful MIX audio & AFV following setting • Support 4 HDMI inputs and 2 static pictures to realize any three windows switching • Powerful and fast picture input and spot • Support centrally remote control for 4 PTZ cameras



**NEOLIVE-R2 • Your Price \$599.00**

### Skaarhoj BLUEPILL PoE Network Interface - Modular Device Control & Configuration Engine

Skaarhoj BluePill enhances the UniSketch ecosystem by combining multiple controllers into a single seamless controller. For example, you can take a PTZ Pro and combine with a Frame Shot and have the Frame Shot show thumbnails for your preset recalls. The selected camera on the PTZ Pro will drive the preset selection on the Frame Shot because to BluePill they are essentially just one single panel. BluePill talks to UniSketch panels via the Raw Panel device core on UniSketch. This device core has been around for a long time as a way for third party developers to interface with UniSketch controllers.



**SKA-BLUE-PILL • Reg. \$799.00 Your Price \$783.02**





## Newtek NSP3GIO Spark Plus I/O 3G-SDI Converter



NewTek Spark™ Plus IO SDI are portable, affordable 3G 1080 60p NDI® SDI media converters. Capture media directly from connected cameras or devices and convert to high bitrate NDI®, or take NDI® streams from the network and convert them for display on screens, monitors, projectors, or video walls. A Spark Plus IO SDI device is the fastest,



easiest, and most flexible way to integrate SDI devices into your IP-based video production workflows from anywhere on the network and avoid the cable hassles of SDI.

**TRI-NSP3GIO • Your Price \$895.00**

## Newtek Spark Plus I/O 12G-SDI to NDI Converter



The NewTek Spark IO 12G-SDI not only offers a fast and easy way to video over IP but now supports up to 4K 60p 12G-SDI video inputs and outputs. This simple solution means the



NewTek Spark family of products supports the whole spectrum of video production. The Spark IO 12G-SDI is the perfect solution for broadcast quality productions without the complex set-up.

**TRI-NSP12GIO • Your Price \$1295.00**

## AVPro Edge AC-MXNET-1G Decoders & Encoders



Connect this to any HDMI display device, and it will decode and receive the incoming audio/video signal changing it back to an image or picture. This device connects directly via category wires (CAT 6A recommended) or fiber optics to the MXNet Switch (AC-MXNET-SW48) or any other compatible multicast-capable managed L3 network switch. The AC-MXNET-1G-D is a part of the MXNet family of AV-over-IP products from AVPro Edge.

**APR-AC-MXNET-1GD • Decoder • Your Price \$1099.00**

**APR-AC-MXNET-1GE • Encoder • Your Price \$1099.00**

## Datavideo NVD-35MK II IP Video Decoder with SDI / Composite and Analog Audio Outputs



The Datavideo NVD-35 MARK II is a wired IP video decoder with SDI, Composite and analogue audio outputs. The NVD-35 MARK II decodes



all common protocols including SRT, RTSP, RTMP, UDP, TCP, HTTP, HLS and MPEG-TS and can output SD/HD video at resolutions up to 1080p60. Decodes directly from YouTube Live, Ustream and most major CDNs without any 3rd party advertising. This video decoder is the perfect partner to the Datavideo NVS-33/35/40 IP encoders allowing full HD point to point video links over Ethernet, WiFi or the Internet. When connected to dv Cloud the NVD-35 MARK II is controllable from anywhere in the world and can be easily connected to any encoder via the cloud.

**DV-NVD-35MK-II • Your Price \$719.00**

## Thor H-STB-IP HDMI/Component/Composite Set-Top Box Decoder



Internet Protocol transport of video is becoming more and more common. It is simple now days to encode high definition video into an IP stream that can be carried over any standard Ethernet



network equipment. The H-STB-IP IP Set Top Boxes are designed to make remote display of network content simple. These units can accept any standard IP network stream and decode it to HDMI. The units support both MPEG-2 and MPEG-4/H.264 codecs, and are compatible with both multicast and unicast streams. These are low cost IP decoders designed for large rollouts with many displays. As many as 250 decoders can be used on a single closed network to display IP content. Contact Thor today for help designing your IP content distribution system.

**THR-H-STB-IP • Reg. \$202.80 Your Price \$169.00**

## Ocean Matrix H.264 1080P AV Over IP Full HD HDMI Encoder

Stream crystal clear 1080p/60 HDMI signals over IP networks with the Ocean Matrix 10HMIP0003 HDMI Encoder. This H.264 IPTV encoder sends HDMI over an IP network allowing you to stream signals for local channels or live video production distribution.

The 10HMIP0003 supports UDP, HTTP, RTSP, RTMP and ONVIF protocols and includes a web management interface for complete remote control. The unit supports both LAN and RTMP multicasting allowing multiple users to view your video streams using common applications such as VLC Player and Adobe Media Server.



**OMX-10HMIP0003 • Reg. \$249.95 Your Price \$199.95**

## Epiphan ESP1610 Pearl Nano All-In-One Video Production System - Streamer and Recorder

The Epiphan Pearl Nano offers the ultimate blend of portability and versatility with a refined yet robust feature set that



includes ingestion, encoding, HDMI pass-through, and recording. You can use Nano as a powerful and reliable video distribution device or contribution encoder, or leverage the device's streaming and recording functions as part of a more complex setup with additional production capabilities. Streamline your setup with the ability to directly connect HDMI and SDI video sources and professional XLR or RCA audio to the Pearl Nano along with Power over Ethernet Plus (PoE+). For zero-latency display of video sources on in-room monitors, Nano also features a built-in HDMI pass-through.

**EPIP-PEARL-NANO • Your Price \$1999.00**

## Epiphan Pearl Mini All-In-One Live Video Mixing & Streaming Production System

The Epiphan Video Pearl Mini is the most reliable, all-in-one video portable production system that's small in size and big on pro features. Record, stream, and switch up to 3



HD inputs simultaneously and take your video production to the next level with Pearl Mini. Setting up for a live event has never been easier than with Pearl Mini. Get up and running in minutes to stream, record, and switch your event. Pearl Mini is built for durability in the field and delivers high quality results in any situation.

**EPIP-ESP1440 • Your Price \$3750.00**

## Epiphan Pearl-2 4K Rackmount 6-Source Live Event Video Production

The Epiphan Pearl-2™ 2 RU rackmount version is a video switcher, recorder, streamer, splitter, and scaler all in one. This is the 6-Source version of the Pearl-2 and it's designed for portable live



production and includes a hard-shell carrying case. With six video inputs and four for XLR professional audio, 4K streaming\* and recording, NDI support, chroma keying, and much more, Pearl-2 brings the pro features and processing power required for the most demanding live events.

**EPIP-ESP1151 • Your Price \$8475.00**





## AJA HELO Plus Stand Alone Advanced H.264 Streaming and Recording Device



HELO Plus is a compact, advanced H.264 streaming and recording stand-alone appliance. HELO Plus offers both SDI and HDMI I/O with the capability to stream up to 1080p60 to a Content Delivery Network and record simultaneously. Two separate streaming destinations can be set up and recordings can be made to a combination of SD card, USB storage and NFS or CIFS network storage. HELO Plus also provides Picture-In-Picture and graphics functionality in hardware for compelling presentations made simple.

**AJA-HELOPLUS • Your Price \$1869.00**

## AJA BRIDGE NDI 3G High Density HD and 4K/UltraHD Conversion Gateway for SDI to NDI and NDI to SDI



AJA BRIDGE NDI 3G is a 1RU gateway offering



high density conversion from 3G-SDI to NDI, and NDI to 3G-SDI for both multi-channel HD and 4K/UltraHD. Designed to drop into any existing NDI or SDI workflow as a plug and play appliance, it's easy to deploy and administer.

- 3G-SDI I/O supports 16-channels of HD or 4-channels of 4K/UltraHD up to 60p as standard
- Bidirectional encode/decode SDI to NDI, NDI to SDI, with a combination of HD or 4K/UltraHD video
- Confidence monitoring
- Selectable NDI encode profiles for 8-bit and 16-bit, 4:2:2
- Video and Key support
- 16-channel audio support

**AJA-BRIDGENDI-3G • Your Price \$14299.00**

## Teradek Prism Flex 4K 10bit HEVC/AVC 12G-SDI/HDMI Streamers



With flexible I/O and a compact, low-power design, the Teradek Prism Flex easily fits into any workflow. Prism Flex is perfect for placement on a table top, camera-top, or wedged between your video switcher and audio mixer. Prism Flex can encode or decode up to 4Kp60 video with stunning 10-bit 4:2:2 image

fidelity. The Prism platform supports many common streaming protocols such as MPEG-TS, RTSP/RTMP, RTMPs, and SRT, and can be connected to Teradek's Core Cloud Platform for even more flexibility.

- Point-to-point and live streaming
- Video Quality: 4K HDR capable 4:2:2 10-bit
- Stream in HEVC/H.265 and AVC/H.264
- Protocols: RTMP(S), SRT, MPEG-TS, and RTSP
- SD Card recording and automatic uploading to the cloud

**TER-PRISMF-4KE • Encoder • Your Price \$3490.00**

**TER-PRISMF-4KD • Decoder • Your Price \$3490.00**

## Teradek Serv 4K All-In-One Production Streaming Solution



The Teradek Serv 4K is an all-in-one production streaming solution that unites next-gen hardware with simplified UI to easily manage and share 4K HDR image quality in real time, whether you're collaborating on set or around the world. Serv 4K allows both local and cloud-based streaming with Teradek's Vuer and Core apps as well as third-party integrations like Frame.io. Up to four live camera feeds can

be streamed to multiple local devices at once, even without an internet connection. Cloud-based streaming can be shared with an unlimited number of devices via MacOS, iOS, Android, or web browsers.

**TER-SERV-4K • Your Price \$2790.00**

## Kiloview H.265 Dual-Channel 4K HDMI & SDI to NDI / HX / SRT / RTMP Video Encoder with LCD Screen

Kiloview E3 is a new generation of video encoder which builds on the capabilities of Kiloview's original encoder models



with new features like video input and loop through with HDMI up to 4K P30, and 3G-SDI up to 1080 P60, encoding both HDMI and 3G-SDI video by H.265 and H.264 simultaneously! You can also use either of the sources individually or a mix video from the both video sources with multi-protocol like NDI|HX2/ NDI|HX3/ SRT/ RTMP/ RTSP/ UDP/ HLS for either live production, post production, remote transmission, live streaming or recording. With the up-to-date chipset and HEVC technology, it supports streaming to 16 destinations\* with adjustable bitrate up to 100Mbps simultaneously.

**KV-E3 • Your Price \$471.00**

## Kiloview Cradle Series NDI-HX / SRT / RTSP / RTMP / HLS to SDI and HDMI Decoding Card

Add this RD-260 Decoding Card from Kiloview to your Cradle Series 1 or 3 RU rackmount chassis to add IP to HDMI/SDI decoding to your broadcast, media playback, remote education, or videoconferencing environment. The card features two Gigabit Ethernet ports that support up to four 1080p30 input streams or up to two 1080p60 input streams using the H.265/H.264 codec using NDI, NDI|HX, SRT, RTMP, RTMPs, HLS, or TS protocols. The streams are then output via the SDI or HDMI outputs with embedded AAC/G.711 audio, or you can extract the audio for analog output via the 3.5mm port.



**KV-RD-260 • Your Price \$399.00**

## Kiloview 8-Channel H.265/H.264 HD HDMI & SDI Decoder

Kiloview's H.265 1X3G-SDI+2XHD HDMI decoder builds on the capabilities of our original decoder DC230 with expanded new features including upgraded decoding performance, extended ports, more protocols supported and a new LCD screen. Everything your need about decoding is packaged in this single unit with low cost. D260 now supports decoding in H.265 format and up to 4-channel of video streams in 1080p60 simultaneously. All 4 video outputs can be custom to single display or PIP with adjustable figures.



**KV-D260 • Your Price \$399.00**

## Kiloview HD H.264 Video Encoders Loop-thru

- H.264 video encoding
- Full live platforms supported
- Branded chip
- SDI loop monitoring
- Low cost • SDK Provided
- Supported global live video platform (tested): YouTube, Ustream, Twitch and so on.
- Supported streaming media server platform/CDN system (tested): Wowza, FMS, RED5, SRS, etc.
- Local storage and recording based on Micro SD/TF card and/or USB Storage



**KV-E1 • HD-SDI Input • Reg. \$449.00 Your Price \$449.00**

**KV-E2 • HDMI Input • Reg. \$409.00 Your Price \$409.00**





## BirdDog 4K HDMI 2.0 4Kp60 NDI Encoder/Decoder



Following on from the award winning HD NDI® products, the 4K Family has been engineered from the ground up for real-world users. Built around BirdDog's custom NDI® silicon chip and housed in an aircraft grade aluminium case, features include 12G SDI and HDMI 2.0 inputs and outputs, built-in cross converter, SFP+ port for 10GbE connectivity, active loop outs, audio intercom system, NDI® tally system, PoE, and compatibility with BirdDog's Comms Pro and Central Pro apps.

**BDS-BDOGBD4KHDMI • Your Price \$949.00**

## BD4KSDI 4K SDI - 12G SDI 4Kp60 NDI Encoder/Decoder



Following on from the award winning HD NDI® products, the 4K Family has been engineered from the ground up for real-world users. Built around BirdDog's custom NDI® silicon chip and housed in an aircraft grade aluminium case, features include 12G SDI and HDMI 2.0 inputs and outputs, built-in cross converter, SFP+ port for 10GbE connectivity, active loop outs, audio intercom system, NDI® tally system, PoE, and compatibility with BirdDog's Comms Pro and Central Pro apps.

**BDS-BDOG-BD4KSDI • Your Price \$1099.00**

## BirdDog 4K Out - 4K IN Full NDI Decoder with Tally - Comms - PTZ Control - PoE



The Flex 4K Out Full NDI Decoder from BirdDog is an ultracompact HDMI interface for NDI video sources. Connect your NDI-enabled camera or other video source and have an HDMI output instantly available. The BirdDog Flex Out supports up to UHD 4K30 and 1080p60 resolution video. The Smallest 4K

NDI on the Planet. 4K NDI® in an incredibly small package. Flex delivers everything you have come to expect from BirdDog's one cable solution including Tally, Audio Intercom, Video, Audio, PTZ Control, and Power all down a single Ethernet cable.

**BDS-BDFLEXENC • Encoder • Your Price \$429.00**

**BDS-BDFLEXDEC • Decoder • Your Price \$429.00**

## BirdDog Mini NDI Encoder/Decoder with Tally and PoE



Big things come in small packages. The BirdDog BDMINIHD is a Mini NDI Encoder/Decoder that utilizes BirdDog's custom NDI silicon chip and is housed in aircraft grade aluminium case. Mini is the ultimate entry point into the world of NDI Encoding and Decoding. Featuring HDMI inputs & outputs, Active Loop Outs, Audio Intercom System, NDI Tally System, PoE, and compatibility with BirdDog's Comms and Central Apps.

**BDS-BDMINIHD • Your Price \$529.00**

## Magewell Ultra Encode SDI Streaming Encoder



A flexible and affordable encoding solution for applications including live streaming, AV over IP, remote contribution, IP production workflows and much more. Available in HDMI and SDI (53050) models, Ultra Encode supports high-quality H.264, H.265 (HEVC) and NDI JHX encoding and multiple streaming protocols with wired or wireless network connectivity. Encoder converts input signal to custom format, using H.264/H.265 video encoders and AAC audio encoder. It can push multiple streams to RTSP/RTMP/RTMPS/SRT Caller/SRT Listener/NDI JHX2/HLS(push)/TS over UDP/TS over RTP video servers simultaneously that you have access to.

**MGW-53050 • Your Price \$469.00**

## Blackmagic Design Web Presenter 4K Ultra HD Live Streaming Encoder

**Select & Stream in 720p, 1080p HD or Full Resolution 2160p Ultra HD!**



Blackmagicdesign

Blackmagic Web Presenter 4K is the ultimate HD and Ultra HD streaming solution that includes a professional hardware streaming engine for streaming up to 2160p60 directly to YouTube, Facebook, Twitter and more! Plus you can stream to the internet using Ethernet or connect a 5G or 4G phone to use mobile data! The built in USB connections also work like a webcam, so you can connect a computer and use any video software. You even get a monitoring output with video, audio meters, trend graphs and more! For increased compatibility, Blackmagic Web Presenter also features two USB connections that operate as a simple webcam source. Web Presenter works with any video software including Zoom, Microsoft Teams, Skype, Open Broadcaster, XSplit Broadcaster and more!

**BMD-WEBPESPRO4K • Your Price \$675.00**

## Blackmagic Design Web Presenter HD H.264 Live Streaming Encoder - 12G-SDI - Supports 720 HD/1080 HD/Ultra HD

Blackmagic Web Presenter is a self contained solution that includes a powerful hardware encoder, software for connecting to streaming platforms, and network connections.



Blackmagicdesign

- Connect 5G or 4G Phones for Mobile Data • USB Webcam Output for Video Software
- Built-in Technical Monitoring • Includes Web Presenter Utility
- 12G-SDI Supports 720 HD, 1080 HD and Ultra HD
- Built in Redundancy Keeps You On Air • Broadcast Links with ATEM Streaming Bridge



**BMD-WEBPESPROHD • Your Price \$515.00**

## Blackmagic Design ATEM Streaming Bridge H.264 Video Converter

The Blackmagic Design ATEM Streaming Bridge is a video converter that lets you receive a H.264 stream from any ATEM Mini Pro and convert it back to SDI and HDMI video. This means you can send video to remote locations around your local Ethernet network, or via the internet globally! That's possible because it uses advanced H.264 codecs for higher quality at very low data rates.



Blackmagicdesign

**BMD-SWATEMMINISB • Your Price \$259.00**

## Magewell Pro Convert SDI 4K Plus

**Converts 1-Channel of 6G-SDI Input Signal into Full NDI with Loop-Through**



The SDI loop-through allows you to view your input on a monitor while your NDI-encoded stream can be sent to a variety of NDI-compatible encoding or streaming applications such as OBS, XSplit, vMix, Wirecast, and others via Ethernet. The mini DIN-8 tally/PTZ port provides tally input to pass-through as well as for use with the unit's status LEDs. The LEDs also indicate power, output, and input signal status.

- Very low latency • Advanced configuration and device status through intuitive Web GUI • Tally lights and camera mounting for live production applications
- HTTP-based APIs for custom integration • Single-link 6G-SDI input and loop-through
- Support for up to 4096x2160 30fps input

**MGW-64030 • Your Price \$960.00**



**Roland Systems Group UVC-02 USB Video Interface Presentation Dock**

- Convenient and affordable desktop docking station to upgrade your business streaming with pro-level audio and video
- Inputs for a DSLR or other high-quality camera, an XLR microphone, and stereo audio sources
- HDMI video input supports embedded sound and features automatic scaling for different video resolutions • Studio-grade sound with Roland's acclaimed digital audio technology



- Plug and play operation-automatically appears as a webcam and audio source in your favorite streaming software • Enhance your streams with professional audio processing, sound effects, and the unique Voice Change effect

**ROL-UVC-02 • Your Price \$299.95**

**Roland Systems Group UVC-01 USB 3.0 Video Capture Device**

For online content creators, musicians, and gamers to businesses, schools, and houses of worship, livestreaming is an essential medium for communicating with people around the world. With the UVC-01, it's never been easier to add high-quality livestreaming capabilities to your Roland V-series video switcher or favorite HDMI-equipped camera or camcorder.

- High-quality HDMI to USB 3.0 video encoder

- Plug-and-play USB webcam operation for Mac and Windows computers • Seamlessly works with all Roland V-series switchers with an HDMI output • Powered via USB
- Also works with most HDMI-equipped cameras and camcorders • Uncompressed 1080p HD at 60 FPS for engaging livestreams
- Dedicated analog audio line input for live music versatility

**RSG-UVC-01 • Your Price \$249.00**

**Epiphan AV.io 4K ESP1360 HDMI to USB 4K Capture Card with Hardware Scaling**

Epiphan AV.io 4K is a simple to use, portable video grabber with no drivers to install. Use it with your favorite consumer or commercial encoder software or USB camera capture application on Windows, Mac and Linux systems for high quality video capture for HDMI sources up to 4K and DVI sources up to 1080p. Captures HDMI audio too! AV.io 4K transfers lossless uncompressed 4K video to your computer at 30 fps, or uses hardware scaling to upscale or downscale capture video to the exact resolution you need.

**EPIP-ESP1360 • Your Price \$579.95**

**Epiphan AV.io HD+ HDMI to USB Capture Card/Video Grabber**

Epiphan ESP1815 is an AV.io HDMI to USB Capture Card with 3.5mm analog audio output, bringing USB plug-and-play convenience to your HDMI sources. You can easily capture 1080p video from any HDMI camera or device with nearly zero latency, bringing in audio through HDMI, the 3.5 mm input, or both. This card is compact and based on tough-as-nails technology that's even been used in space, so you can confidently carry it wherever there's video to capture.

**EPIP-ESP1815 • Your Price \$449.95**

**Connectronics HDMI to USB 2.0 Video Capture Device**

The Connectronics HDMI-TO-USB-CAP1 is a powerful HDMI to USB tool in a pocket sized package. This simple plug-and-play device converts HDMI to USB 2.0 signals for input into your PC or Mac and supports 4K input with 1080p output.

The HDMI-TO-USB-CAP1 is compatible with Zoom and similar video conferencing software for adding a secondary camera and is also great for injecting secondary video sources into online presentations.

**HDMI-TO-USB-CAP1 • Your Price \$27.95**

**Connectronics HDMI to USB 2.0 Video Capture with Audio Insertion & Extraction**

The Connectronics HDMI-TO-USB-CAP2 is a powerful and cost effective HDMI to USB tool in a pocket sized package. This simple plug-and-play device converts HDMI to USB 2.0 signals for input into your PC or Mac, supports 4K input with 1080p output and offers both HDMI looping out and 3.5mm Audio Insertion and Extraction. The HDMI-TO-USB-CAP2 is compatible with Zoom and similar video conferencing software for adding a secondary camera and is also great for injecting secondary video sources into online presentations.

**HDMI-TO-USB-CAP2 • Your Price \$44.95**

**AVMATRIX UC2218-4K Dual HDMI to USB 3.1 Gen1 Type-C Broadcast Video Capture**

The AVMATRIX UC2218-4K is a broadcast-grade real plug and play device to capture dual HDMI signals over USB 3.1 Gen1 for graphics capture, livestreaming and recording on a laptop or PC. It supports 4K60Hz and 1080P 60Hz dual HDMI signals and can capture two HDMI inputs at the same time through software like OBS in a split screen. PiP, PoP, or software like Vmix allows switching between the two HDMI sources for livestreaming. It is compatible with Windows, Linux and macOS, and supports OBS, Vmix, PotPlayer, ZOOM, Teams, Twitch, and more. The UC2218-4K is your ideal choice for applications like live gaming, broadcast, v-log, remote education and conference.

**AVMX-UC2218-4K • Your Price \$249.00**

**AVMATRIX UC1218-4K 4K HDMI to USB 3.1 Type-C Video Capture**

The AVMATRIX UC1218-4K is a broadcast-grade real plug and play device to capture uncompressed HDMI signals over USB3.1 Gen1 for graphics capture, livestreaming and recording on a laptop or PC. The input HDMI resolution supports up to 4K60HZ and has a 4K HDMI loop-out for monitoring every detail of the original 4K source on an additional monitor. Additionally the device has an HDMI output to monitor the captured video from an HD HDMI monitor. Inputs: 4K HDMI in, Mic/Line in. Outputs: 4K HDMI loop-out, HDMI out, USB 3.1 Gen1 (USB 3.0) out, audio out. Automatic input signal detection, up to 4K60Hz.

**AVMX-UC1218-4K • Your Price \$199.00**







## Magewell 32050 USB Capture SDI Plus

Magewell 32050 is a one-channel USB 3.0 to SDI video capture dongle. The 32050 dongle is compatible with Windows, Linux and Mac OS X systems. Capture SD/HD/3G/ 2K SDI + embedded audio. Loop-through SD/HD/3G/2K SDI. Audio input via Line in. Extract SDI embedded audio and output via Line out

**MGW-32050 • Your Price \$359.00**

## Magewell 32060 USB Capture HDMI Gen 2 One-Channel Dongle - USB 2.0/3.0



With a ruggedized metal housing, the Magewell 32060 USB Capture HDMI Gen 2 dongle is suitable for all kinds of mobile video capturing both indoors or out. The housing is ergonomically designed to help cool the chip effectively and efficiently. The dongle has support for 8/10/12-bit color depth, full colorimetry support, capture resolutions of up to 2048 x 2160 and frame rates of up to 120fps. It allows for full 8-bit video processing with features such as cropping, scaling, de-interlacing, aspect ratio, color format and frame rate conversion and vertical flip and mirror.

**MGW-32060 • Your Price \$299.00**

## Magewell 32070 USB Capture SDI Gen 2 HD/3G/2K SDI Capture Dongle - USB 2.0/3.0



The Magewell 32070 USB Capture SDI Gen 2 is a 1-channel HD capture device that captures SD/HD/3G/2K SDI signals with embedded audio from a wide range of devices including HD cameras (professional, surveillance, video conference), video switchers and so on.

**MGW-32070 • Your Price \$299.00**

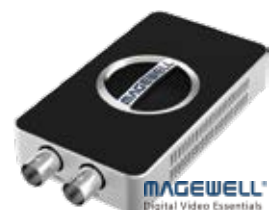
## Magewell 32040 USB Capture HDMI Plus Dongle USB 2.0/3.0 w/ Loop Out and Audio In/Out



With a ruggedized metal housing, the Magewell 32040 USB Capture HDMI Plus dongle is suitable for all kinds of mobile video capturing settings, even for outdoors. The dongle has support for 8/10/12-bit color depth, full colorimetry support, capture resolutions of up to 2048 x 2160 and frame rates of up to 120fps. It allows for full 8-bit video processing with features such as cropping, scaling, de-interlacing, aspect ratio, color format and frame rate conversion and vertical flip and mirror. It has an adaptive HDMI equalizer support for cables lengths up to 98ft.

**MGW-32040 • Your Price \$359.00**

## Magewell 32100 SDI to USB Capture 4K Plus Dongle w/ Loop Out & Audio In/Out - USB 2.0/3.0



With a ruggedized metal housing, the Magewell 32100 USB Capture SDI 4K Plus is a 1-channel 4K capture dongle that can capture SD/HD/3G/2K/6G SDI signals with embedded audio and loop-through SD/HD/3G/2K/6G SDI signals. It's suitable for all kinds of mobile video capturing settings, even for outdoor use. The dongle has 10/12-bit color depth support, has support for up to 8 mono audio channels at 48kHz, captures resolutions of up to 4096 x 2160 and frame rates of up to 120fps. It allows for full 8-bit video processing for cropping, scaling, de-interlacing, aspect ratio, color format and frame rate conversion.

**MGW-32100 • Your Price \$479.00**

## AJA U-TAP USB 3.0 Capture Devices

The AJA U-TAP 3G-SDI USB 3.0 capture devices brings professional connectivity and high quality video capture to your laptop or workstation. U-TAP SDI is bus powered with the ability to simply and easily bring in video across 3G-SDI for use within a wide range of software without any drivers to install, as it's supported directly in macOS X®, Windows® and Linux®.



- Compact and Portable
- 3G-SDI, SMPTE-259/292/424 Looping Input or HD/SD HDMI v1.4a 24, 30 or 36-bits/pixel, RGB or YUV
- USB 3.0 connection to desktop or laptop • Bus Powered through USB 3.0 interface
- Embedded Stereo Audio support • Supported by OS on macOS, Windows and Linux

**AJA-U-TAP-SDI • SDI 1080p/60 3G-SDI to USB 3.0 • Your Price \$399.00**

**AJA-U-TAP-HDMI • HDMI to USB 3.0 • Your Price \$439.00**

## USB Fusion Capture Device Supports 2 HDMI Inputs/1 USB Webcam Input up to 1080p at 60fps

USB Fusion is a multi-input USB video capture device with integrated source switching and layout control. Offering two HDMI inputs and one USB webcam input, USB Fusion can switch between sources or combine two inputs simultaneously into one output (picture-in-picture or side-by-side) for capturing into popular software via its USB 3.0 interface. Two HDMI inputs and one USB webcam input with support for signals up to 1080p at 60fps. Switch between sources or combine two simultaneously into one output (picture-in-picture, side-by-side layout) for capture via USB 3.0 interface.



**MGW-35060 • Your Price \$1199.00**

## USB Capture HDMI 4K Plus Dongle w/ Audio In & Out - USB 3.1/3.0/2.0/USB-C

With a ruggedized metal housing, the Magewell 32090 USB Capture HDMI 4K Plus is a 1-channel 4K capture dongle that has support for HDMI 2.0, 4K 60fps 4:4:4 input signals and can capture HDMI with embedded audio from even the newest game consoles such as PS4 Pro and XBOX One S. It's suitable for all kinds of mobile video capturing settings, even for outdoor use. The dongle has full colorimetry support, captures resolutions of up to 4096 x 2160 and frame rates of up to 120fps. It allows for full 8-bit video processing with features such as cropping, scaling, de-interlacing, aspect ratio, color format and frame rate conversion and vertical flip and mirror.



**MGW-32090 • Your Price \$479.00**

## Datavideo CAP-1 SDI to Micro B USB 3.0 Capture Box

Datavideo CAP-1 SDI to USB 3.0 Capture Box is an SDI-USB Capturing device, which supports up to 1080p50/60. Plug and play in the various operating system. It features stereo line in external audio, which can be switched as SDI embedded audio or external line-in audio. There are more flexible and powerful settings for capturing.



This new capture device takes 3G-SDI in with embedded or external audio and converts to USB 3.0 to connect your AV signal directly to your computer for streaming, recording or video conferencing. The USB compliant CAP-1 is ideal to use with any SDI equipped camera or switcher and it's plug-n-play design requires no drivers to install. Stream from your SDI source directly to YouTube, Facebook or popular conferencing services such as Zoom, SKYPE, Teams or GotoMeeting.

**DV-CAP-1 • Reg. \$329.00 Your Price \$329.00**





### BirdDog X120 Wireless PTZ Production Camera

The World's First NDI HX3 Wi-Fi Production PTZ is here, delivering unprecedented flexibility and freedom like never before. No video cables needed. The BirdDog X120 packs an amazing Sony Exmor R image broadcast sensor to deliver fantastic low light capabilities and incredible picture performance. In true BirdDog style, there is an OLED display to show the IP address, 360° mohawk tally, filter thread, and free auto-tracking and color shading via Cam Control. X120 also offers four hardwired connection options along with Wi-Fi making it the most connected PTZ camera on the planet. Additional connection options include NDI over Ethernet, SDI, HDMI for live production work, and UVC USB for connecting to Zoom & Teams.

**BDS-X120 • Your Price \$995.00**

### x120 HIGHLIGHTS

- Completely Wireless
- NDI Hx3 Enabled
- 360° Mohawk Tally
- Auto-Tracking via Cam Control
- SDI & HDMI
- Sony Exmor R Sensor
- 1080P 60



### BirdDog P400 4K Full NDI PTZ Camera

The P400 features stunning 4K resolution NDI and allows chroma subsampling in your choice of 4:2:0 or 4:2:2. It teams up BirdDog's custom NDI silicon chip, a 4K Sony CMOS Backlit sensor, and a true Sony Image Module. The P400 includes professional-level color tools including Color Matrix control, Black level, Gamma including 512 preset gamma positions. BirdDog Cam Control allows full access to the entire color matrix, black levels, and even the gamma to be able to shade your P400's like a total pro.

**BDS-BDP400B • Black • Your Price \$4195.00**

**BDS-BDP400W • White • Your Price \$4195.00**

### Bundle & Save!

Bundle includes 3 P400 4K NDI PTZ Cameras and the BirdDog PTZKEY Keyboard Controller.

**BDS-BDP400BN-BBB • Black • \$12585.00**

**BDS-BDP400BN-WWW • White • \$12585.00**



### BirdDog Eyes BDP200B P200 1080P Full NDI PTZ Camera with SDI/HDMI/NDI

- Resolution: Up to 1080P60, 1080i59.94 • NDI Resolution: Up to 1080P60, 1080P30
- Zoom: Optical 30X • Image stabilizer and true WDR 130dB
- Video Output: HDMI, 3G-SDI, NDI, CVBS simultaneously
- ±350-degree continuous pan, ±120-degree continuous tilt
- 128 presets, Speed up to 150 degrees/sec
- Standard mounting and ceiling mounting with E-Flip function

**BDS-BDP200B • Black • Special Price \$1295.00**

**BDS-BDP200W • White • Special Price \$1295.00**



### BirdDog Studio PF120 1080p Full NDI Box PTZ Camera with 20x Optical Zoom

Sony Exmor R back illuminated sensor, Full NDI, with a 20x optical zoom, and a complete color matrix all housed in a full metal enclosure that is built for life on the road. With a Sony Exmor RT back-illuminated CMOS image sensor, PF120 delivers beautiful images with significantly enhanced imaging characteristics including enhanced low noise sensitivity.

**BDS-PF120 • Your Price \$1295.00**



### BirdDog Studio Eyes A200 IP67 Weatherproof 30x Full NDI PTZ Camera with Sony Sensor & SDI

Designed for serious production the image quality of A200 is best in class. Built on a true Sony Image module with Sony CMOS backlit sensor, P200 has super fast focus, incredibly sharp images, and amazingly fast zoom. A200 has frame rates up to 1080p60, 30x optical zoom, and outputs SDI and NDI simultaneously. A200 has been designed for the most demanding on image quality.

**BDS-BDA200GEN2 • Your Price \$5599.00**

### BirdDog Eyes A300 IP67 Extreme Weatherproof 30x Full NDI PTZ Camera

The BDA300 PTZ camera utilizes BirdDog's custom NDI silicon chip and leverages an impressive Sony CMOS backlit sensor and full Sony Image Module. Designed for fixed outdoor installations such as sports, the IP67 rating and the Wind Load Durability rating are equal to that of a category 4 Hurricane, which means A300 can withstand pretty much any weather conditions. By teaming up BirdDog's custom NDI® silicon chip, a Sony CMOS backlit sensor, and a true Sony Image module A300 has lightning auto focus, incredibly sharp images, and insanely fast zoom. A300 has frame rates up to 1080p60, 30x optical zoom, and outputs SDI and Full NDI® simultaneously.

**BDS-BDA300GEN2 • Your Price \$7999.00**



### BirdDog Studio PTZ Keyboard Controller

BirdDog BDPTZKEY PTZ Keyboard is a full featured PTZ Keyboard that supports NDI|HX, Visca over IP, RS422, and RS232. By harnessing BirdDog's next generation NDI and IP technology, it's never been easier to discover, connect, and control your PTZ cameras. Designed to control up to 255 PTZ cameras on a single network, PTZ Keyboard can scale to even the most complex installations.

**BDS-BDPTZKEY • Your Price \$1699.00**



### BirdDog BDPLAY 4K NDI Player

Meet the BirdDog PLAY, the newest and smallest 4K NDI Player on the planet with full support for NDI 5. Now connections are a breeze, simply connect PLAY to your NDI network, plug it into your TV via HDMI, and use your remote to browse interface. Supports all the new NDI 5 functions including high bandwidth NDI, NDI HX2, NDI Remote, and NDI Bridge.

**BDS-PLAY • Your Price \$149.00**





# X120



## Show Off!

Featuring low-latency Wi-Fi output as well as standard baseband and Ethernet connections, the new battery-capable X120 is our most overachieving camera yet. Ideal for temporary locations and those impractical but must-have shots. Pair it with our smartphone control app and you have a totally flexible, wireless camera system.

Show off a little. Or a lot. With X120.



Scan the QR code now to see how the stunning flexibility of the X120 can transform your work.

PTZ

Combine with NDI® PTZ Control for full control of your BirdDog camera.  
[Learn more at BirdDog.tv](http://BirdDog.tv)



### PTZ Optics Link 4K Dante AV PTZ Cams

*Native Dante AV-H Support for 4K Video up to 60fps!*

The PTZOptics 4K Link offers built-in auto-tracking at 4K at 60fps (1080p at 60fps over SDI) and features Dante AV-H™ and a built-in tally light. Available outputs include SDI, HDMI and USB for unrivaled performance and versatility. Compatible with most video production software, including OBS, vMix, Wirecast and more. 3D noise reduction with our latest low noise CMOS sensor.

PTZOPTICS A+V= Dante

Model	Zoom	Color	Your Price
PTZ-PT30XLINK4KW	30x	White	\$2799.00
PTZ-PT30XLINK4KG	30x	Gray	\$2799.00
PTZ-PT20XLINK4KW	20x	White	\$2599.00
PTZ-PT20XLINK4KG	20x	Gray	\$2599.00
PTZ-PT12XLINK4KW	12x	White	\$2399.00
PTZ-PT12XLINK4KG	12x	Gray	\$2399.00



### PTZ Optics Move 4K PTZ Cameras with up to 30x Optical Zoom

*Native NDI®|HX3 Support for 4K Video up to 60fps!*

The Move 4K is the latest PTZ camera from PTZOptics, featuring auto-tracking for a more intelligent video production workflow. The Move 4K is capable of 4K at 60fps (1080p at 60fps over SDI), future-proofing your technology investment while still accommodating HD and Full HD video resolutions equipment. The Move 4K offers high performance in low-light scenarios, PoE+ capabilities, and a built-in tally light. Every Move 4K camera features SDI, HDMI, USB, and IP output for unparalleled performance and versatility.

PTZOPTICS NDI|HX

Model	Zoom	Color	Your Price
PTZ-PT30X-4KWHG3	30x	White	\$2199.00
PTZ-PT30X-4KGYG3	30x	Gray	\$2199.00
PTZ-MOVE4K20X-WE	20x	White	\$1999.00
PTZ-MOVE4K20X-GY	20x	Gray	\$1999.00
PTZ-MOVE4K12X-WE	12x	White	\$1799.00
PTZ-MOVE4K12X-GY	12x	Gray	\$1799.00

### PTZ Optics 12x Zoom PTZ Camera with USB3.0 & IP



The PTZOptics PT12X-USB-GY-G2 is a 1080p camera with 12X optical zoom for capturing both wide angles and long shots. With support for USB 3.0, HDMI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications. Video Sensor: 1/2.7 inch CMOS, 2.12 Mega Pixels. Frame Rates: 1080p/60, 50, 30 & 25, 1080i/60 & 50, 720p/60, 50, 30 & 25. Field of View: 72.5°

PTZ-PT12XUSBGYG2 • Your Price \$1599.00

PTZOPTICS



PTZOPTICS

### PTZ Optics Move SE 1080p60 PTZ Camera with 300ft Range Auto-Tracking

*Native NDI®|HX3 Support for 4K Video up to 60fps!*

Built on the award-winning PTZOptics camera line, the PTZ and auto-tracking features you love are now more within reach than ever. The PTZOptics Move SE combines HDMI, SDI, USB and IP outputs - plus NDI®|HX upgradeability - all into a single camera. Ideal for live streaming and video production, the Move SE offers high-quality video with a resolution of 1080p at 60fps. And with SONY CMOS image sensors, you can count on great image quality even in low-light scenarios. With 12x, 20x, and 30x optical zoom options, plus PoE, the Move SE can fit seamlessly into any production scenario.

Model	Zoom	Color	Your Price
PTZ-PT30X-SEWHG3	30x	White	\$1199.00
PTZ-PT30X-SEGYG3	30x	Gray	\$1199.00
PTZ-PT20X-SEWHG3	20x	White	\$1099.00
PTZ-PT20X-SEGYG3	20x	Gray	\$1099.00
PTZ-PT12X-SEWHG3	12x	White	\$999.00
PTZ-PT12X-SEGYG3	12x	Gray	\$999.00

### Bolin Pro Outdoor Dual Output 30X PTZ SDI+IP Dome Camera

A True Dual Output SDI FHD PTZ camera supporting simultaneous 1080i59.94 3G-SDI and 1080p IP video streaming and IP remote accessibility for recording and monitoring. It provides 30X optical zoom with FHD resolutions, low latency mode, and image stabilizer for high quality image broadcast reproduction usage. It is a robust high speed PTZ camera build with rugged IP67 environmental housing for extreme weather use application. Zero Deviation Positioning (ZDP) technology ensures this camera has high precision and accuracy in preset programming and smooth and high/slow speed movement.

SD530SHD-BRSN2PW • Your Price \$4295.00



### Datavideo PTC-140 20x HD/SD-SDI and HDMI PTZ Camera

The Datavideo PTC-140 is a cost-effective SDI/HDMI PTZ camera, which features 1/2.8 inch CMOS sensor, 1920x1080px Full HD resolution 20x optical zoom, 10 digital zoom. The PTC-140's onboard streaming encoder can encode up to 2 simultaneous streams to any cloud service, including Datavideo's own DVS-200. It supports H.264 /H.265 video compression and dual stream output. Advanced 2D/3D noise reduction function supports advanced digital noise reduction, even in less-than-perfect lighting conditions.

DV-PTC-140 • Your Price \$999.00



datavideo

### Axis M5525-E Indoor and Outdoor PTZ Camera with 10x Zoom in HDTV 1080p

HDTV 1080p resolution, 10x optical zoom, and continuous 360° pan that lets you easily follow moving objects. AXIS M5525-E provides both the zoomed-in detail and the broad overview you need to stay on top of what's happening on your premises. WDR - Forensic Capture ensures great detail when there are both bright and darker spots in a scene. The camera's outstanding light-sensitivity means high-quality video even when it is recording in near darkness.

AXIS-M5525-E • Your Price \$979.00





### Panasonic AW-UE40 4K/30P Ultra Quiet PTZ Camera

The AW-UE40 supports a compact design to blend in with the surroundings and operates very quietly to permit flexible use in any video shooting locations or conditions. It offers high security and it is easy to install and operate for capturing stable images, so even people unfamiliar with video shooting or camera operation can utilize it. 24x Optical Zoom with ND||HX version 2 and SRT\*1 protocol support. New Direct Drive System for improved responsiveness and quietness. Excellent system flexibility to achieve smart wiring and smooth operation.

PAN-AW-UE40WPJ • White • Reg. \$3150.00 **Your Price \$2830.00**

PAN-AW-UE40KPJ • Black • Reg. \$3150.00 **Your Price \$2830.00**



**Panasonic**

### AViPAS AV-2000G Full HD 20x NDI||HX & HDMI PTZ Camera with PoE



**AViPAS**

The AViPAS AV-2000G is a 20X NDI||Hx & HDMI PTZ camera with PoE supported. It features 1/2.8" 2.4MP high quality CMOS sensor to capture video images in 1080p up to 60fps. The camera features simultaneous HDMI and NDI||Hx/IP (shared same RJ45 port) outputs, and with NDI||Hx that allows you streaming video and audio with low-latency on your network. The camera is suitable for various A/V applications such as video conferencing, Esports, medical training, educational fields and houses of worship. The 20x optical zoom, F1.5~F3.0 lens with advanced 2D/3D noise reduction & a minimum illumination of 0.1 Lux, AV-2000G can provide more clarity and vivid image even in low-light conditions.

AV-2000G • Reg. \$995.00 **Your Price \$970.00**

### AViPAS AV-1081 10x HDMI PTZ with IP Live Streaming



**AViPAS**

The AViPAS AV-1081 is a compact, HDMI PTZ camera with IP streaming that is suitable for video conferencing, education and houses of worship. The AV-1081 has 2 outputs: HDMI and LAN with an RS-232 output for communication. It features a 10x optical zoom and a 5x digital zoom lens, a 1/2.8" CMOS sensor to capture video in 1080p up to 60fps, and IP streaming in H.264/H.265. It also supports dual streaming outputs in different resolutions. The camera also has a 3.5mm audio input. Can be controlled via IR remote, IP network or RS-232 via protocol commands.

AV-1081-DGY • Dark Gray • Reg. \$650.00 **Your Price \$620.00**

AV-1081-WE • White • Reg. \$650.00 **Your Price \$620.00**

### AViPAS AV-1280G 10x Full-HD 3G-SDI PTZ Camera with IP Live Streaming & PoE



**AViPAS**

The AViPAS AV-1280G is a compact, full HD 1080p camera with 10X optical zoom & 5X digital zoom, suitable for video conferencing, education and houses of worship. It has 2 outputs: 3G-SDI and LAN. It has a 1/2.8", 2.07 million effective pixel high-quality CMOS sensor to capture video images. Its f4.7mm~47mm, F1.6~3.0 lens and a minimum illumination of 0.5 Lux is perfect for low-light conditions. AV-1280W features a Power over Ethernet (PoE) which delivers power, IP control and video over a single Cat5/6 cable. You can stream H.264/H.265 content as well as monitor uncompressed video via the camera's SDI output. It also supports dual streaming outputs in different resolutions.

Can be controlled via IP network or RS-232 via protocol commands.

AV-1280G • Reg. \$780.00 **Your Price \$750.00**

## PTZ CAMS **markertek®**

### Panasonic AW-UR100 Outdoor-Ready IP65 NDI 4K60p Integrated PTZ Camera

A 4K PTZ camera that captures high-precision images in 4K/60p supported by D.I.S.S (Dynamic Image Stabilizing System). Durable enough to withstand harsh outdoor environments for on-site management in stadiums and other live broadcasts. A wide range of protocols and I/Fs enable flexible and efficient system construction and reduce the risk of missing shots and mistakes, providing peace of mind for video producers. The wide-angle lens has a 24x optical zoom, and 10x digital zoom.

PAN-AW-UR100 • Reg. \$13500.00

**Your Price \$11800.00**



**Panasonic**

### Panasonic AW-UE50 4K 24x Optical Zoom PTZ Camera

The AW-UE50 supports a compact design to blend in with the surroundings and operates very quietly to permit flexible use in any video shooting locations or conditions. The excellent flexibility of the product simplifies wiring and operation. Linkage with online conference software or online application is possible, so online video streaming is easy to initiate. The AW-UE50 is a standard model perfect for people who want to utilize online video streaming more frequently or enhance the quality of online video streaming. 4K 25/30p and 24x Optical Zoom. New Direct Drive System for improved responsiveness and quietness. Supports NDI||HX version 2 and SRT\*1 protocol

PAN-AW-UE50WPJ • White • Reg. \$3650.00 **Your Price \$3615.00**

PAN-AW-UE50KPJ • Black • Reg. \$3650.00 **Your Price \$3615.00**



**Panasonic**

### Panasonic AW-UE150KPJ 4K 60p Professional 12G-SDI PTZ Camera

Smooth and high-quality 4K 60p/50p, high-magnification zoom and a wide shooting angle expand the range of the PTZ camera's applications. The camera is equipped with a variety of interfaces and supports simultaneous 4K/HD operation which allows for versatility in current and future production systems. The large 1.0-type MOS sensor enables high sensitivity shooting with low noise. The sensor boasts a light-capturing area that is approximately four times larger than that of the 1/2.3-type sensor to guarantee a wide dynamic range. 3840 x 2160 4K output and 59.94p/50p shooting achieve extremely smooth video, even in live sports and other environments containing rapid movement.

PAN-AW-UE150W • White • Reg. \$11400.00 **Your Price \$9995.00**

PAN-AW-UE150 • Black • Reg. \$11400.00 **Your Price \$9995.00**



**Panasonic**

### Panasonic AW-UE80 Motorized Optical 24x Zoom 4K PTZ Camera

The camera offers high-image-quality 4K/60p resolution, wide 74.1° angle and optical zoom with up to 24x magnification to achieve superb video image quality. The AW-UE80W/K also offers excellent stability and security during video streaming so it can be used for any type of video production.

PAN-AW-UE80KPJ • Black • Reg. \$5850.00 **Your Price \$5575.00**

PAN-AW-UE80WPJ • White • Reg. \$5850.00 **Your Price \$5575.00**



**Panasonic**

**Marshall CV620-TWI 20x Tracking PTZ Camera**

NEW


**Marshall**  
BROADCAST & PRO AV

Marshall CV620-TWI PTZ camera features an ability to automatically track, follow and frame presenters using AI facial learning process for more accurate and smoother self-adjusting maneuvers. Equipped with a more than capable 20x optical zoom range from 60-degrees wide open to roughly 3-degrees telephoto. Flexible networkable IP interface with simultaneous 3GSDI and HDMI outputs. One Ethernet (Cat) cable installation with PoE+ simplifies setup and operation.

**AI Track, Follow and Frame:** Designed to auto-track, follow and frame presenters using more natural and smooth maneuvers. Utilizing new AI technology to recognize faces and learn movement dynamics of the subject to anticipate motion, accurately follow and frame subjects with smooth transitions, therefore reducing viewer irritation and fatigue.

**MAR-CV620-TWI • Reg. \$2499.00 Your Price \$2199.00**
**Marshall CV630-NDI 30X PTZ NDI/3G/HDMI Camera 4K30**
**Marshall**  
BROADCAST & PRO AV

support for HD resolutions.

The Marshall CV630-IP PTZ Camera captures crisp UHD video combined with smooth PTZ camera positioning and 30X optical zoom for a versatile networked video solution. NDI@HX provides low latency, high quality, frame-accurate video, and audio in real time to IP workflows. NDI@ Tools opens up the ability to integrate more video devices and applications into your NDI production workflow. Featuring NDI@HX with simultaneous HDMI and 3GSDI from a professional level 8-megapixel UHD sensor and smooth synchronous movements. At its core, the CV630-IP packs a powerful 8-megapixel 1/2.5" sensor capturing up to Ultra-HD 3840x2160p video at 30fps, with

**MAR-CV630-NDI • Black • Reg. \$2899.00 Your Price \$1999.99**
**MAR-CV630-NDIW • White • Reg. \$2899.00 Your Price \$1999.99**
**Marshall CV605U3 HD60 5x Zoom PTZ Camera with USB-C / HDMI & IP**

The Marshall CV605 5X optical zoom USB-C, HDMI and IP camera utilizes a professional grade 2 Megapixel sensor to capture crisp HD video starting at a wide-angle 85° and up to 1920x1080p resolution at 60fps. Multiple outputs include HDMI, USB-C and IP (H.265/H.264). Marshall's straight forward design and ease-of-use make this camera an affordable camera for a wide variety of video conference, video streaming and professional A/V applications.

**MAR-CV605U3-BK • Reg. \$699.99 Your Price \$599.99**
**Marshall CV420e 4K60 Compact UHD ePTZ IP Camera USB3.0/HDMI**
**Marshall**  
BROADCAST & PRO AV

in challenging light conditions. Starting at a 100° angle-of-view CV420e delivers an ultra-wide perspective with no curvature.

**MAR-CV420E • Reg. \$1099.00 Your Price \$999.00**
**Marshall Electronics CV730-NDI 8.5MP UHD60 PTZ Camera**

The Marshall CV730-NDI features up to 3840x2160p (UHD) resolutions at 60 fps produced from a professional level Sony 1/1.8" UHD sensor and a long 30x optical zoom range. Simply plug into PoE+ Ethernet port and that's it; video, audio, control, tally and power - all over one Ethernet cable. CV730-NDI is the first UHD60 PTZ camera on the market with NDI@HX

**MAR-CV730-NDIW • Reg. \$3999.00 Your Price \$3999.00**

**Marshall**  
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**Marshall CV730-ND3 30x 9.2MP UHD60 NDI/HX3 PTZ Camera**
**Marshall**  
BROADCAST & PRO AV

Marshall CV730-ND3 PTZ cameras feature a nine (9) million-pixel sensor with a long 30x optical zoom range and flexible simultaneous 12GSDI and HDMI outputs with NDI@HX3 and USB3 capability. The crystal-clear UHD (4K) images up to 3840x2160p at 60fps offers a professional camera source to any production. NDI@HX3 delivers low latency, high quality, frame-accurate video, and audio in real time to IP workflows. NDI@5.5 and NDI@Tools opens the ability to integrate more video devices and applications into your production workflow.

NDI@HX3 codecs greatly improve video delivery over network

in all three categories: maintaining original video quality at lower latency using lower bandwidth. Developed around a high-end 9.2 Megapixel backlit Sony Exmor 1/1.8" sensor with 30x optical zoom range creates crystal clear video images, and NDI@HX3 delivers it over network ultra-fast with near loss-less video delivery. All while offering traditional simultaneous outputs of 12GSDI, HDMI, IP and USB3.0.

**MAR-CV730-ND3 • Black • Reg. \$4699.00 Your Price \$4495.00**
**MAR-CV730-ND3W • White • Reg. \$4699.00 Your Price \$4495.00**
**Marshall Compact 30x Zoom NDI 8.5MP PTZ Cameras**

The Marshall CV420-30X-NDI 30X optical zoom NDI@ camera utilizes a professional grade 8.5-megapixel sensor to capture crisp HD video up to 3840x2160p at 60fps with support for all HD formats. The Marshall CV355-30X-NDI 30X optical zoom NDI@ camera utilizes a professional grade 8.5-megapixel sensor to capture crisp HD video up to 1920x1080p at 60fps with support for all HD formats. Marshall's straight forward design and ease make this camera a valuable tool in a wide variety of broadcast and professional A/V applications. The 30X optical zoom block offers an extensive zoom range from 4.6mm to 135mm starting at 68° all the way out to 3° horizontal angle-of-view for maintaining image crispness from ultra-wide to tight shots.


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**MAR-CV420-30XNDI • Reg. \$1899.00 Your Price \$1699.00**
**MAR-CV355-30XNDI • Reg. \$1599.00 Your Price \$1449.00**
**Marshall CV355-30X-IP Compact 30x HD60 Zoom 8.5MP Camera - 1920x1080p**

The Marshall CV355-30X-IP 30X Zoom IP Camera utilizes a professional 8.5MP sensor to capture crisp HD video up to 1920x1080p at 60fps with support for all HD formats.

The 30X optical zoom block offers a flexible zoom range of 4.6 to 135mm starting at 68° through 3° horizontal angle-of-view for maintaining image crispness in both wide and tight shots.

The CV355-30X-IP operates with exceptional low-light sensitivity, ensuring a clear picture in variable and challenging lighting conditions, including live events, houses of worship, indoor or outdoor sporting events, and other dynamic lighting environments.


**Marshall**  
BROADCAST & PRO AV

**MAR-CV355-30X-IP • Reg. \$1499.00 Your Price \$1299.00**




# Marshall

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**JVC GY-HC500MC CONNECTED CAM**  
**Handheld 4K 1-INCH Camcorder**

**JVC**

The JVC GY-HC500 is a handheld 4K production camcorder that offers uncompromised live and recorded image quality, and connectivity you won't find in any competitor's product. Shoot 4K ultra-HD with HDR and record to SSD or SDHC/SDXC media in a wide variety of formats including ProRes. Ultra-HD ProRes 422 10-bit at 50/60p is possible when recording to SSD media.\*\* And with the latest firmware, you can now record HD (1920 x 1080) in the ProRes 422 and 422HQ formats. The GY-HC500 CONNECTED CAM also features high performance 1080 60p/50p live streaming with advanced Secure Reliable Transport (SRT) QoS, and a full complement of IP remote control and viewing features. Now, with the optional KA-EN200G encoder, streaming is possible with incredibly efficient HEVC/H.265 compression. It's truly the most advanced and versatile camcorder in its price range.

**JVC-GY-HC500MC • Reg. \$4000.00 Your Price \$3695.00**

**JVC GY-HC550UN CONNECTED CAM 1-Inch NDI/HX Camera**

**JVC**

The most advanced handheld camcorder now has NDI|HX connectivity adds its built-in wireless LAN with super-reliable SRT or Zixi streaming. Never before has this level of connectivity been available in a compact form factor. Ideal for multitasking from ENG electronic newsgathering to live broadcasts, it's equipped with JVC's powerful communications engine that delivers high quality, low latency error-free video right from the camera, both wired and wirelessly. And while shooting in the field, your crew can view return video and receive IFB from your facility. With its integrated 20x lens there are no compromises in image quality.

**JVC-GY-HC550UN • Reg. \$5900.00 Your Price \$5695.00**

**JVC ProHD Shoulder**  
**Camcorder with Fujinon Lens**

**JVC**

The JVC GYHM850L17 is a ProHD shoulder camcorder with Fujinon XT17sx45BRMK3 Lens. Inheriting the compact shoulder-carry style of the GY-HM700 series, this camera recorder enables more stable shooting while maintaining the same weight as handled models. This camera recorder is equipped with three 1/3" 2.07M pixels full HD CMOS sensors. It delivers high image quality with a high color resolution through the processing and individual R, G, B color signals. 12-bit signal processing and the new 2D DNR removes dark current and optical shot noise without losing S/N and high resolution, thereby achieving high F11 sensitivity.

**JVC-GY-HM850L17 • Reg. \$11200.00 Your Price \$10420.00**

**JVC GY-HM170UA 4K Camcorder**


Don't let its small size fool you! The JVC GY-HM170UA is a fully functional high performance 4K Ultra HD camcorder that's equally capable of shooting 4:2:2 Full HD at 50Mbps. Its integrated 12x optical zoom lens and 4K CMOS sensor, deliver razor sharp 4K Ultra HD recordings directly to SDHC/SDXC memory cards. It can even record on 2 cards simultaneously for instant backup or extended recording time. Output live 4K UHD camera signals through the built-in HDMI connector. And its tiny size allows you to shoot in venues that may be unfriendly to larger cameras.

**JVC-GY-HM170UA • Reg. \$2370.00 Your Price \$1995.00**

**Panasonic HC-X2 4K Pro**  
**Camera with 20X Zoom & Wi-Fi**
**NEW!**

**Panasonic**

The Panasonic HC-X2 pro camcorder offers 20x optical zoom, 24.5mm wide angle for both UHD and FHD, 4K high-precision AF with new face detection and higher precision, 5-Axis HYBRID O.I.S.+, and variety of recording formats. Designed for streaming it includes built-in Wi-Fi, direct connection to Ethernet, and HLG\*2 Gamma Mode and 13-stop V-Log for production of 4K HDR video content. Wi-Fi and Live Streaming: Easily livestream your content and live events; built-in Wi-Fi, direct connection to Ethernet, and HLG\*2 Gamma Mode and 13-stop V-Log for production of 4K HDR video content.

**PAN-HC-X2 • Your Price \$3199.99**

**Panasonic HC-X2000 4K/60p**  
**3G-SDI Professional Camcorder**  
**with 24x Optical Zoom**

**Panasonic**

If you're shooting behind the scenes (BTS) in HD and would like to add 4K to your repertoire, the Panasonic HC-X2000 UHD 4K Pro Camcorder can help balance your needs or allow you to jump straight to 4K. Compact and lightweight for a director or on-set BTS, the X2000 shoots and records UHD 4K at broadcast-compatible frame rates, so it fits smoothly into your existing broadcast workflow. The X2000 features a 1/2.5" 8.29M MOS sensor that is always shooting at 4K resolution, the Venus processing engine to scale the 4K image for Full HD delivery, and both 3G-SDI and HDMI outputs. Audio is recorded in up to 24-bit PCM via the built-in microphone.

**PAN-HC-X2000 • Your Price \$2199.99**

**Panasonic AG-CX350PJ UHD**  
**4K Camcorder with 1 Inch MOS**  
**Sensor and 20X Optical Zoom**

**Panasonic**

The Panasonic AG-CX350 4K handheld camcorder is the industry's lightest 4K 10-bit fixed-lens camcorder that contains powerful features, including 4K 10-bit 60p capture, HDR recording, and is equipped with the RTMP/RTSP/RTP protocol for live streaming and NDI | HX-ready IP connection.

With additional AVC-ULTRA formats, CX350 shooters can capture AVC LongG 12/25/50, along with AVC-Intra 422, which are all used today in other Panasonic P2 cameras such as the AJ-PX270 for ENG style shooting. The HEVC 100-Mbps codec brings 4K/60p 10-bit recording to the CX350 in a smaller file size, which is ideal for documentaries or reality content that need to capture large amounts of content.

**PAN-AG-CX350PJ • Your Price \$3695.00**

**ZOOM Q8n-4K Ultra High Definition Handy Video Recorder**  
**with 4-Track Audio Recorder & Flip-Out Screen**

The Q8n-4K is designed for creators to showcase your best sound and look, elevating your videos with four audio tracks, along with 4K UHD video. Compared to a mirrorless or DSLR, this camera's size is meant to seamlessly fit into your production while its price ensures that it fits into your budget. With the included X/Y mic capsule and two XLR inputs, you can capture up to four tracks of simultaneous, crystal-clear audio. You can also capture every instrument and voice of your band by running the main outputs of a mixing board right to your Q8n-4K.

**ZOOM-Q8N-4K • Your Price \$399.99**


**zoom**




**NEW!**



Blackmagicdesign

**BMD-URSAMPRO12KO • Your Price \$6385.00**

## Blackmagic Design URSA Mini Pro 12K OLPF Video Camera

Blackmagic Design URSA Mini Pro 12K OLPF is a revolution in digital film with a 12,288 x 6480 12K Super 35 sensor and 14 stops of dynamic range. The third generation URSA Mini Pro features new color science and shoots 80 megapixels per frame in Blackmagic RAW. You also get built in ND filters, user changeable lens mount and recording to dual CFast or SD cards. URSA Mini Pro 12K even supports recording direct to a flash disk or SSD using its built in SuperSpeed USB-C connection!

## Blackmagic Design URSA Mini Pro 4.6K G2 Digital Film Camera

**HOT!**



Blackmagicdesign

**BMD-URSAMPUR46K2 • Your Price \$5995.00**

The Black Magic URSA Mini Pro 4.6K G2 is a next generation digital film camera with updated electronics and a high performance Super 35mm 4.6K HDR image sensor for shooting at up to 300 frames per second! The Super 35mm 4.6K sensor features 15 stops of dynamic range at up to 120 fps or 2K at up to 300 fps! You also get built in optical ND filters, an interchangeable EF lens mount that can be swapped for optional PL, B4 or F mounts, Blackmagic RAW and ProRes recording to dual CFast or dual SD cards, and an innovative USB-C expansion port for recording directly to external disks.

## Blackmagic Design Pocket Cinema Camera 6k Pro



Blackmagicdesign

**BMD-POCKETCIN6KP • Your Price \$2535.00**

The Blackmagic Pocket Cinema Camera 6K Pro features a larger 6144 x 3456 Super 35 sensor and EF lens mount. You can use larger EF photographic lenses to create cinematic images with shallower depth of field, allowing creative defocused backgrounds and gorgeous bokeh effects! The Blackmagic Pocket Cinema Camera 6K Pro also includes additional pro features such as built in 2, 4 and 6 stop ND filters, adjustable tilt HDR LCD with a bright 1500 nits that's ideal for use in bright sunlight. It also includes two mini XLR audio inputs and a larger NP-F570 style battery.

## Blackmagic Pocket Cinema Camera 4K (Body Only)



Blackmagicdesign

The Blackmagic Pocket Cinema Camera 4K features a 4/3 image sensor with 4096 x 2160 resolution and an MFT lens mount, allowing you to capture wide dynamic range, Hollywood quality, digital film images in the palm of your hand! It's an extremely advanced and affordable high end digital film camera! The Blackmagic Pocket Cinema Camera 4K features a full size 4/3 HDR sensor with native 4096 x 2160 resolution and 13 stops of dynamic range for true digital film quality. The full size of the 4/3 sensor is designed to perfectly match MFT lenses so the crop factor is greatly reduced, giving customers a wider field of view. It also features dual native ISO with up to 25600 ISO for incredible low light performance.

**BMD-POKETCINCM4K • Your Price \$1295.00**

The Blackmagic Pocket Cinema Camera 4K features a 4/3 image sensor with 4096 x 2160 resolution and an MFT lens mount, allowing you to capture wide dynamic range, Hollywood quality, digital film images in the palm of your hand! It's an extremely advanced and affordable high end digital film camera! The Blackmagic Pocket Cinema Camera 4K features a full size 4/3 HDR sensor with native 4096 x 2160 resolution and 13 stops of dynamic range for true digital film quality. The full size of the 4/3 sensor is designed to perfectly match MFT lenses so the crop factor is greatly reduced, giving customers a wider field of view. It also features dual native ISO with up to 25600 ISO for incredible low light performance.

## Blackmagic Design URSA Broadcast G2 4K/6K Camera

Blackmagic URSA Broadcast G2 is an incredibly powerful camera designed for both traditional and online broadcasters. The 3 cameras in 1 design allows it to work as a 4K production camera, a 4K studio camera or a 6K digital film camera! You can record to common SD cards, UHS-II cards, CFast 2.0 cards or external USB disks, using common file formats such as H.265, ProRes and Blackmagic RAW. You can even change the lens mount! No other broadcast camera is so flexible!

**BMD-URSABRDCSTG2 • Your Price \$4195.00**



Blackmagicdesign

## Blackmagic Design Studio Camera 6K Pro

Designed as the ultimate studio camera, Blackmagic Studio Camera 6K Pro adds a larger 6K Super 35 sensor and EF lens mount for true cinematic images in live production. There are built in ND filters that let you reduce the amount of light entering the camera, allowing you to work in a wider range of situations, including in bright sunlight. Plus stream direct to the internet with built in streaming! You also get 12G-SDI, HDMI and 10G Ethernet which allows all connections on a single cable for a SMPTE style workflow that's much lower cost.

**BMD-STUDIO6KPRO • Your Price \$2495.00**



Blackmagicdesign

## Blackmagic Design Studio Camera 4K Pro G2 with 12G-SDI

Designed for powerful SDI switchers, Blackmagic Studio Camera 4K Pro G2 adds professional 12G-SDI and 10G Ethernet connections. That's perfect when the camera is located a long distance from a switcher. There's a 12G-SDI output and a 12G-SDI program return input that includes camera control, talkback and tally. You also get the same powerful HDMI output with control features. Plus the 10G Ethernet connection allows all connections on a single cable for a SMPTE style workflow that's much lower cost.

**BMD-STUDIO4KPG2 • Your Price \$1865.00**



Blackmagicdesign

## Blackmagic Design Studio Camera 4K Plus

Designed for professional SDI or HDMI switchers, the Blackmagic Studio Camera 4K Plus has all the great features of the Plus model, as well as 12G-SDI, professional XLR audio, a brighter HDR LCD, 5 pin talkback and 10G Ethernet IP. The Blackmagic Studio Camera 4K Plus model is designed as the perfect studio camera for ATEM Mini. This model has a 4K sensor up to 25,600 ISO, MFT lens mount, HDMI out, 7" LCD with sunshade, built-in color correction and will record Blackmagic RAW to USB disks so you can do editing after live production.

**BMD-STUDIOCAM4KP • Your Price \$1345.00**



Blackmagicdesign



NEW

**Marshall CV504 3G-SDI Micro POV Camera**

The Marshall CV504 POV camera is built around a next generation Sony sensor with over 2 million pixels and larger pixels. The micro CV504 delivers exceptional 10 bit 4:2:2 video performance (BT.709) from a durable aluminum alloy body through 3GSDI (BNC) output and flexible interchangeable lenses. The new Sony sensors offer rich color accurate video with improved low light sensitivity and refined remote adjust and match capability.

- Interchangeable M12 lens mount; comes with a 4.0mm - 85° Horizontal AOV

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- 1920x1080p, 1920x1080i & 1280x720p resolutions selectable
- Framerates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98fps
- Control via CV-RCP-V2, Camera Control Software and/or a variety of 3rd party sources

**MAR-CV504** • 3G-SDI Model • Reg. \$399.99 **Your Price \$349.99**
**MAR-CV508** • 3G-SDI & HDMI Model • Reg. \$499.99 **Your Price \$499.99**
**Marshall CV566 Miniature 3GSDI/HDMI Global Genlock Broadcast Camera with 3.6mm Interchangeable Lens**

The Marshall CV566 Miniature HD Camera with Genlock Sync features. Built around an impressive 1/1.8" Sony global sensor with 25% larger pixels and interchangeable M12 lens mount (comes with a 3.6mm - 73°) make this the most capable POV camera in the miniature camera lineup.

- Microphone/Line Level input with 2.5V Mic bias
- Image Mirror/Flip, Digital Zoom, Digital Image Stabilizer

**Marshall**  
BROADCAST & PRO AV

- Low Light sensitivity (0.05 Lux) with ability to capture IR wavelengths

- 3.2MP with 25% larger physical pixel size • Simultaneous HDMI & 3GSDI outputs

**MAR-CV566** • Reg. \$699.99 **Your Price \$599.99**
**Marshall CV506 Miniature HD Camera for video capture (HDMI 3G/HD-SDI) with Lens**

The Marshall CV506 Full-HD Miniature Camera with HDMI offers performance, flexibility, and value in a tiny form factor. Built around a next generation 2.5-Megapixel, 1/2.86-inch sensor, the CV506 delivers ultra-crisp, clear progressive Full-HD video up to 1920x1080p at 60/59/50fps and interlaced 1920x1080i at 59.94/50fps.

The CV506 utilizes full-sized BNC (3G/HDSDI) and HDMI outputs on rear panel and locking

I/O connection for power, control, and stereo audio input (embedded on 3G-SDI output). The CV506's threaded

M12 lens mount offers a wide range of prime and varifocal lens options. Includes stock 3.6mm lens (72°H. AOV)

**Marshall**  
BROADCAST & PRO AV

**MAR-CV506** • Reg. \$499.00 **Your Price \$449.99**
**Ubiquiti UniFi Protect ViewPort PoE with HDMI Multiview / 30 FPS / Mountable**

The UniFi Protect ViewPort allows you to view your UniFi Protect camera feeds on an HDMI display. It uses Power over Ethernet and connects to the local network hosting your cameras and connects via HDMI to a display.

- View UniFi Protect cameras on an HDMI display • Display up to 16 IP cameras simultaneously • Easy setup with UniFi Protect System • Power over Ethernet up to 1 Gbps • HDMI video output up to 4K @ 30 fps

**UFP-VIEWPORT** • **Your Price \$249.00**
**Marshall CV504-WP All-Weather 3G-SDI Micro POV Camera**

- Full-sized 3G/HDSDI (BNC) output
- New Sony 1/2.8" (6.46mm) Solid-State Image Sensors with rich accurate 10bit (4:2:2) color even in low-light (0.01Lux) and ability to switch to night mode (0.005Lux)
- Interchangeable M12 lens mount includes 4.0mm (85° H.AOV) prime lens
- 10-foot (3 meter) weatherproof IP67 breakout cable to BNC, RS485, power
- 3GSDI (10bit, 4:2:2, BT.709) reliability with remote adjust & match capability
- 1920x1080p, 1920x1080i & 1280x720p resolutions available
- Remote adjust & match via CV-RCP-V2, Camera Control Software and 3rd party sources

**Marshall**  
BROADCAST & PRO AV

**IP67**  
**Weatherproof!**
**MAR-CV504-WP** • Reg. \$499.99 **Your Price \$449.99**
**Marshall CV226 All-Weather HD Lipstick Camera with 3GSDI - RS-485 Control**

- Full-sized 3G/HDSDI (BNC) output
- 2.5 Megapixel (1/2.86") sensor
- 10-foot (3 meter) breakout cable with BNC (3GSDI), RS485 remote adjust, and locking 12V power
- Interchangeable M12 lens with IP67 cap includes stock 3.6mm lens
- IP67-rated weatherproof housing; submerge in water up to 10-feet for several hours

**MAR-CV226** • Reg. \$449.00 **Your Price \$399.99**
**AIDA Imaging MINI FullHD NDI HX/IP Weatherproof Cylinder POV Camera with 1/3in Progressive Scan CMOS Sensor**

- Full-HD 1/3" Progressive Scan CMOS sensor capable of 1080 60p NDI|HX Video.
- Accessible Web UI to stream directly to social media platforms and control image parameters over IP. • Compact design used for discreet, hard to reach POV shots unobtainable by larger cameras.



- M12 type lens for an even smaller form factor • Weatherproof rating allows for extra protection against environmental elements.
- Barrel design for better weatherproofing and fitment. • Perfectly suited for outdoor shots any new or existing NDI|HX setup

**AIDA-HD-NDI-MINI** • **Your Price \$395.00**
**Thor MAXIMUS H265 PRO 20x Zoom Full HD 3G SDI HDMI and IP Streaming BOX PTZ Camera**

- Ideal for video conferencing, government, court, educational environments, remote learning, corporate training, remote medical and internet communication
- Multiple Video output formats 1080P@60/50/30/25fps, 1080I@60/50/30/25, 720P@60/50
- RS-485 /RS232 serial remote controls for setting the camera parameters
- Image Intelligence, Auto White Balance, Auto Iris, Auto Focus functions built in
- 1/2.8" SONY CMOS SENSOR, 20X Optical zoom, the wide of horizontal of view up to 65°


**THOR**
**THR-MAXIMUSH265P** • Reg. \$778.80 **Your Price \$649.00**


**NEW!**

## Skaarhoj RCP Pro Camera Shading Controller

The RCP Pro is SKAARHOJ's most advanced camera shading controller. It features a brand-new joystick with a built-in Tally Light and OLED Screen, to display Iris values on the fly. It also includes a large, tilted screen for a perfect viewing angle - and lots of fully configurable knobs and buttons. If you want the best comfort and most innovative components, RCP Pro is your choice. It has Blue Pill Inside to support all the new high-end cameras coming to the live production market of today.

The RCP Pro is a perfect solution to shade cameras from major manufacturers, such as RED, Canon, ARRI and Panasonic Lumix, among several others.

- Form Factor • Color Shading • Shade Arri, RED, Lumix etc. • Joystick Display • Tilted Display • Joystick Pad • Backlit Encoders • Four-way buttons • ID Display • PoE

**SKA-RCP-PROV2BBK • Your Price \$4581.55**

**SKAARHOJ**



## AViPAS AV-3104IP 4D VISCA Over IP Joystick PTZ Controller with PoE

- Precise P/T/Z control, adjustable speed
- Advance focus, iris, red gain, blue gain control with button/knob

**AViPAS**

- 4D joystick offers simultaneous pan, tilt, zoom, and focus control
- Support PELCO, VISCA, VISCA-over-IP and ONVIF protocols
- 4 control modes: 2 x IP control (IP VISCA & ONVIF); 2 x serial control (RS422 & RS232). • Baud rate: 1200/ 2400/ 4800/ 9600 bps
- User-defined hot keys • LED status and menu display

**AV-3104IP • Reg. \$580.00 Your Price \$560.00**



## PTZ Optics JOY-G4 4th Generation IP or Serial PTZ Visca over IP Joystick Keyboard

Introducing the PTZOptics 4th Generation IP Joystick Controller. Compatible with most PTZ cameras operating serial or IP protocol, including Sony, the PT-JOY-G4 is a legacy-friendly controller designed to easily integrate into a wide array of existing production systems, and even allows users to switch between

protocols with the touch of a button.

A newly added web user interface will decrease your set up time, allowing you to get multiple cameras up and running in as little as five minutes! If you're using the PT-JOY-G4 for different productions or sets, we've got you covered. Import and export settings for specific use cases or production environments.

**PTZ-JOY-G4 • Reg. \$714.00 Your Price \$649.00**

**PTZ OPTICS**

## Blackmagic Design ATEM Camera Control Panel



The ATEM Camera Control Panel provides independent controls for up to 4 URSA Mini, URSA Broadcast, Blackmagic Studio and Micro Studio cameras from a single control panel. You get iris control, shutter speed, white balance, master gain, pedestal, RGB controls for white and black, and more.

- Ethernet: 2 x 10/100/1000 BaseT with loop output for additional control panels or computers • Camera Number Display: Green off air, orange preview, red on air • Setup: White and black balance setup

**BMD-SWPANELCCU4 • Your Price \$3079.00**

Blackmagicdesign

## Skaarhoj PTZ-Extreme-V2B PTZ Extreme Camera Controller

PTZ Extreme with Blue Pill Inside is the ultimate controller for multi axis robotic systems. It is SKAARHOJ's flagship PTZ controller that was created with absolute freedom in mind: OLED labeled knobs and buttons, Fine-tuned ergonomics, Hall Effect joystick, custom zoom rocker and focus wheel. This product comes with Blue Pill Inside.

Blue Pill Inside means that the hardware of a Blue Pill is moved into your controller instead of combining a stand-alone Blue Pill with a UniSketch panel. The net result is the same, but with some twists: The advantage of Blue Pill Inside is that at the same cost you have everything in one unit.

**SKA-PTZEXTREMEV2B • Your Price \$4409.02**

**SKAARHOJ**



## Bolin KBD-1010-RNV RS232/RS422 and IP PTZ Controller

The ergonomically designed Bolin KBD-1010-RNV controller has a direct-access panel interface with full preset store and recall for easy-to-find camera functions, dedicated knobs for PTZ variable speed control and for fine control with auto/manual toggle, illuminated push buttons for camera selection and a three-axis joystick for smooth precise camera movements. Combining traditional serial control and IP network control, KBD-1010 PTZ camera controller comes equipped with many precision controls for the most demanding camera operation environments.

**BOL-KBD-1010-RNV • Your Price \$1595.00**

**BOLIN TECHNOLOGY**



## Marshall CV-RCP-V2 5 inch TFT Touchscreen RCP Camera Control

Remote adjust, paint, and match Marshall Cameras without ever having to leave the convenience of a production room or broadcast truck. Match mini POV cameras without an OSD Menu to provide a seamless workflow and next level convenience on multi-view camera displays.

Marshall has teamed up with a five-time Sports Emmy award winner to develop a standalone remote RCP solution to adjust, paint, and match Marshall broadcast cameras. The CV-RCP-V2 5-inch Touchscreen RCP Camera Control unit allows for remote operation of up to seven broadcast cameras at up to 300m (1,000 foot) distance over common XLR cable, and it features a new intuitive touchscreen control with user-friendly, fine-tune adjustment dials for quick changes on the fly.

**MAR-CV-RCP-V2 • Reg. \$1199.00 Your Price \$999.00**



**Marshall**

## BirdDog Studio PTZ Keyboard Controller with NDI / VISCA / RS-232 & RS422

BirdDog BDPTZKEY PTZ Keyboard is a full featured PTZ Keyboard that supports NDI|HX, Visca over IP, RS422, and RS232. By harnessing BirdDog's next generation NDI and IP technology, it's never been easier to discover, connect, and control your PTZ cameras. Designed to control up to 255 PTZ cameras on a single network, PTZ Keyboard can scale to even the most complex installations. Set up your quick access buttons to access Exposure, Focus, PT Speed, Zoom, Shutter Speed, Iris, White Balance, and Compensation.

**BDS-BDPTZKEY • Your Price \$1699.00**



**BirdDog**



**Sony VPL Series 13000 Lumen WUXGA Laser 3 LCD Projector - Black (No Lens)**


Combining spectacular image quality with easy set-up and minimal maintenance needs, these high-brightness 3LCD laser projectors are ideal for installation in larger spaces. Very high light output of 13,000 lm (13,600 lm center) VPL-FH2131L,

10,000 lm (10,400 lm center) VPL-FH2101L, 9,000 lm (9,800 lm center) VPL-FH2191L ensures big-screen presentations with extra presence, even in brightly lit rooms.

- Installation flexibility • Very wide range of lens shift adjustment and a wide choice of interchangeable lenses • VPLL-Z4107 short throw lens

**SNY-VPL-FH2131LB • Your Price \$14999.00**

**SONY®**
**Sony 5000 Lumens WXGA Laser Light Source Projector**


The energy-efficient Z-Phosphor laser light source is teamed with Sony's acclaimed BrightEra 3LCD engine for crisply detailed images with high 5,000 lumen brightness and rich, stable colors. Equipped

with the latest scaler chip, Full HD image quality is achieved ensuring all your content looks its best, whether it's PC presentations, video or signage.

Switch on and start presenting without waiting for lamp warm-up. The advanced laser light source offers up to 20,000 hours\* operation without lamp exchange, reducing maintenance needs and lifetime running costs.

**SNY-VPLCW210 • Reg. \$2700.00 Your Price \$1695.00**

**Panasonic PT-RZ120BU WUXGA Resolution 12600 Lumens Laser 1-Chip DLP Projector with Standard Zoom Lens**


- Reproducing full-spectrum color with 1-chip DLPT SOLID SHINE laser, which maintains picture quality for longer
- Dynamic light control for high contrast
- Superior white balance and color reproduction • Detail Clarity Processor 3 for optimal image sharpness
- System Daylight View 3 stops pictures

**Panasonic®** from washing out in bright light and enhances impact in mapping and multi-projector applications

- Filterless projector structure with airtight optical block • Engineered for continuous 24/7 projection • Compact, lightweight and flexible design

**PAN-PT-RZ120BU • Reg. \$31199.00 Your Price \$15999.00**

**Panasonic 6000-Lumen WUXGA Classroom & Office Laser DLP Projector - Black**


Enjoy bright images in most classroom and office settings with the black Panasonic PT-FRZ60BU7 6000-Lumen WUXGA Classroom & Office Laser DLP Projector. The PT-FRZ60BU7 features composite video, two VGA, and two HDMI inputs to connect to nearly any

**Panasonic®** device. One VGA input can alternatively act as an output to daisy-chain multiple projectors or displays.

The projector is controllable via the included wireless remote control, DIGITAL LINK via Ethernet, or RS-232 with various control software options.

**PAN-PT-FRZ60BU7 • Reg. \$7999.00 Your Price \$4299.00**

**Panasonic PT-VMZ51U7 5200-Lumen WUXGA Laser LCD Projector**
**Introducing the World's Smallest and Lightest LCD Laser Projector**

Weighing just 7.0 kg (15.43 lbs), PT-VMZ71 Series is the smallest and lightest LCD laser projector in its class with up to 7,000 lm from a compact, easy-to-manage body. Its lightweight design makes it easy to carry from room to room, and simple to install on the ceiling. The projector's smooth styling and quiet operation harmonize with your interior space, blending in and keeping attention focused on the presentation.

**PAN-PT-VMZ51U7 • Reg. \$4699.00 Your Price \$2595.00**


**Panasonic®**
**Panasonic PT-RZ790WU 7200-Lumen WUXGA DLP Projector**

Deepen immersion in any environment with vivid, accurate colors backed by up to 910,0400 lm of brightness thanks to Quartet Color Harmonizer and 1-Chip DLP™ imaging technology. With support for 4K/60p input signals, separate DIGITAL LINK and LAN terminals, and diverse optional lenses, these projectors reduce installation hassles with convenient flexibility. Engineered for 20,000 hours of maintenance-free reliability with lasting brightness and color uniformity from the industry's leading dust-resistant optical engine.

- Laser 1-chip DLP, 7,200 lm (center)/ 7,000 lm (ANSI), WUXGA
- Quartet Color Harmonizer technology for more accurate color reproduction
- Maintenance free up to 20,000 hours with dust-resistant optical block and long lasting laser engine
- Supports 4K/60p Signal Input, separate DIGITAL LINK and LAN terminals

**PAN-PT-RZ790WU • Reg. \$17649.00 Your Price \$8499.00**


**Panasonic®**
**Panasonic PT-VMZ61BU7 6200-Lumen WUXGA Laser LCD Projector**

Weighing just 7.0 kg (15.43 lbs), PT-VMZ71 Series is the smallest and lightest LCD laser projector in its class with up to 7,000 lm from a compact, easy-to-manage body. Its lightweight design makes it easy to carry from room to room, and simple to install on the ceiling. The projector's smooth styling and quiet operation harmonize with your interior space, blending in and keeping attention focused on the presentation. Daylight View Basic enhances image sharpness by clarifying detail definition in dark areas of the picture, which can be difficult to see in bright light.

**PAN-PT-VMZ61BU7 • Reg. \$5799.00 Your Price \$3199.00**


**Panasonic®**
**NEC NP-P605UL 6000 Lumen WUXGA LCD Laser Entry Installation Projector**

Enjoy bright, clear images with the NEC NP-P605UL 6000-Lumen WUXGA Laser

3LCD Projector. Its 6000 lumens of brightness can overcome ambient light in most conference room and classroom settings, while its 600,000:1 dynamic contrast ratio can help ensure discernible detail in most images. The projector's native WUXGA 1920 x 1200 resolution is suitable for most video and file formats and will accept up to 4K UHD sources.

**NEC-NP-P605UL • Reg. \$5675.00 Your Price \$4099.00**


**NEC®**






## **Delvcam 4K HDMI Portable 12.5" Broadcast Monitor with SDI HDR**

### **3D Luts & Built-in Field Case!**

- Mounted in a rugged field case with HDMI, 3G-SDI, VGA and DVI inputs • Multi-camera ready housing 4 HDMI inputs
- Portable and lightweight featuring 3840 x 2160 panel resolution as well as 3D Luts and HDR
- Multiple function buttons to select between video inputs and use its histogram, false color, markers, exposure

- V-Mount battery powering or DC 10-24V wall wart powering
- Displays level meters showing audio levels for channels 1 and 2 of the input source
- Built in speaker and headphone jack

**DELV-4K125FM • Your Price \$835.95**

# DELVCAM

## **Delvcam 3GHD/SD Multifunction Dual 7" Rackmount Video Monitor**

- Dual 7" Rackmount
- SDI, HDMI, Composite or Component
- TALLY interface with Indicating Light
- 3RU Metal Housing • 178° Wide Viewing Angles
- High Contrast: 800:1 • Fast Response Time
- Ultra-slim Design • Active Buffered Outputs
- Panel: 7"x2 LED backlight
- Physical Resolution: 1280x800
- Aspect Ratio: 16:9
- Brightness: 400cd
- Contrast: 800:1
- Viewing Angle: 178°/178°(H/V) (IPS)

**DELV-2LCD7-3GHD ..... Your Price \$649.95**

## **Delvcam 17.3" High Resolution 3G-SDI - HDMI Rackmount LCD Monitor**

- Adjustable Tilt
- 17.3-inch LCD screen
- Slim design with grip handles
- Durable black powder-coated steel housing
- Multiple signal outputs
- Stereo earphone jack
- 3 color Tally indicator
- Customizable function buttons
- USB for software upgrade
- Built-in speakers Resolution: 1920 x 1080
- Brightness: 400cd/m²
- Contrast: 600:1
- Aspect Ratio: 16:9
- Viewing Angle: 80°/80°(L/R) 60°/80°(U/D)
- Input Signal: 3G-SDI, HDMI, YPbPr, Video, Audio(L/R), DVI-I
- Output Signal: 3G-SDI, HDMI, YPbPr, Video

**DELV-3GHD-17RM ..... Your Price \$999.95**

## **Delvcam Dual 7" 3RU VGA & DVI & Composite Monitor**

**Super-reliable and low-cost dual 7" rackmount IPS LCD monitors featuring DVI/VGA/Composite inputs pair broadcast performance with multi-format flexibility including a wide range of supported resolutions!**

- Super slim and feature rich
- Wide viewing angles • LCD panel: 400cd/m²
- Dual VGA, Composite & DVI in/outputs
- Metal housing • Independent power switches
- Panel: Dual 7" LED backlight
- Physical Resolution: 800x480
- Aspect Ratio: 16:9 • Brightness: 400cd/m²
- Contrast: 500:1 • Viewing Angle: 140°/120°(H/V)
- INPUT Composite: 2, VGA: 2, DVI: 2
- OUTPUT Composite: 2, VGA: 2, DVI: 2

**DELV-2LCD7-CVGAD ..... Your Price \$369.95**

## **Delvcam 5" Triple Rackmount 3G-SDI HDMI Video Monitor**

**Triple your HD monitoring value with the Delvcam DELV-3LCD-3GHD rackmount monitor!**

- 3 vibrant color 5-inch LCD screens
- Ultra-slim design with grip handles
- Durable black powder-coated steel 2RU cabinet
- Stereo earphone 3.5mm jack
- Customizable function buttons
- 3 color Tally Indicator controlled via DB-15 port
- 3G/HD/SD-SDI loop output
- Camera 5D II Mode

**DELV-3LCD-3GHD ..... Your Price \$849.95**

## **Delvcam ULCD-2 75x75 & 100x100 Universal Flat Panel Rackmount**

Rackmount firmly and securely any LCD up to 22" wide in any 19" wide standard equipment rack with this 3RU mount panel with Vesa 75 x 75 and 100 x 100 mounting pattern. Note: LCD mounts on the front of rack. Black steel.

**Note:** Will not work for recessed in rack mounting of monitors larger than 17-3/8" wide. Use model ULCD-1 for these applications.

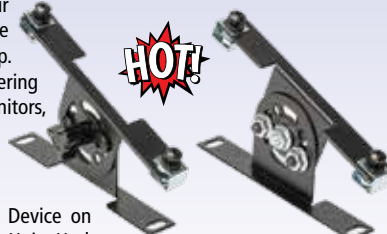
**ULCD-2 • Your Price \$39.95**

## **My Custom Shop Variable Angle Mounting Brackets for 3RU Rackmount Monitors & Devices**

**Brings Tilting Angles to Any 3RU Rackmount Product!**

Now you can tilt and angle your flat-mount rackmount gear with the EZ-EARS-3U from My Custom Shop. A brilliantly simple solution delivering variable angle tiltability to video monitors, processors, audio monitors and anything else where a little tilt would go a long way.

- Mount a Single 3RU Monitor or Device on Standard 19 Inch Rack • Designed for Units Under 5 Inches in Depth up to 15 lb • Variable Tilt Angles up to 40 Degrees Up or Down • Easy Angle Adjustment Can be Locked in Place



**MCS MYCUSTOMSHOP**

**EZ-EARS-3U • Reg. \$79.95 Your Price \$70.95**



# DELVCAM



# DELVCAM



# DELVCAM

**Contact the Markertek Sales Team to Help Design an Absen System that Fits your Budget and Scalability Requirements!**

### **Absen NX Series: Unparalleled Visual Experience**



The Absen NX Series is a true masterpiece, designed to captivate and inspire with its remarkable features and cutting-edge technology. With a native 16:9 aspect ratio, this series sets the stage for breathtaking visuals, while its 45-degree small panel opens a world of creative possibilities, allowing you to craft unique and captivating display shapes.

**Absen**

brightness version or a high brightness version, ensuring the perfect visual experience for any environment.

- With the NX Series' dual brightness configuration, you can select from a normal brightness version or a high brightness version, ensuring the perfect visual experience for any environment.
- Be dazzled by the NX Series' superior 4K/8K visuals, delivering unparalleled clarity and lifelike images. Let your content shine with exceptional color management technology, enriching colors for a more textured and natural appearance.
- With Absen's A5C+ calibration technology, the NX Series eliminates differences in brightness and chromaticity within and between panels. Resulting in impeccable display uniformity and flawless image reproduction
- Even in low brightness settings, the NX Series showcases stunning details with its high grayscale performance.
- The NX Series offers multiple installation solutions to suit your unique needs.

### **Absen Aries (AX) Pro Series: Evolution. On Display.**

**Experience the Pinnacle of DvLED Display Technology!**



The Aries (AX) Pro Series sets a groundbreaking standard in the industry with its cutting-edge flip-chip IMD 4-in-1 technology. Available in 1.2mm and 1.5mm pixel pitch options, this series delivers exceptional image quality and unmatched performance. The AX Pro Series boasts a user-friendly structural design, making setup and operation a breeze.

• The innovative 4-in-1 pixel-integrated LEDs enhance anti-collision ability by 2.5 times, ensuring a seamless and robust display that can withstand the rigors of rental environments.

**Absen**

• The AX Pro Series' common cathode technology enhances contrast by 20% and improves heat dissipation for reliable and efficient performance.

• Embrace an unrivaled visual experience with up to a 10000:1 contrast ratio, pixel-to-pixel HD and 4K UHD support, and HDR10 standard for stunning, true-to-life visuals.

### **Absen Mars (MR) Series: Break The Horizon**

**Unleash the Full Potential of Your Stage!**



**Absen**

The Absen MR Series brings innovation and versatility to virtual production/xR stages, setting new standards for performance quality, and interactive capabilities. The MR Series is available in two pixel pitch options: 2.5mm and 4.8mm. The MR2.5 adopts the GOB packaging process, delivering delicate display effects with a deep black non-reflective surface. Meanwhile, the MR4.8 offers both matte and glassy finish choices, enhancing durability and scratch resistance, resulting in a long-lasting staging effect.

- The MR Series features adjustable panel height ranging from 0 - 22mm using anchors, ensuring a seamless setup even on rough ground.
- For virtual production scenes, the MR4.8 matte version excels with its 16-bit grayscale, a high refresh rate of 7680Hz, and a high frame rate of up to 251Hz. The result is an exceptional floor display with lifelike and captivating visuals that complement the virtual environment flawlessly.
- Take audience engagement to the next level with the optional interactive function available for the MR4.8. Equipped with built-in sensor chips, these panels offer real-time responses to triggered actions, delivering a truly immersive interactive experience.

### **Absenicon: Redefining Conferencing Excellence**

**Step Into a New Era of Collaborative Experience!**



Experience the future of conferencing with the Absenicon and Absenicon Slim, the revolutionary all-in-one DvLED display that sets the standard for productivity and collaboration. Empowering your presentations, brainstorming sessions, and decision-making processes like never before.

- 16:9 standard aspect ratio, every detail comes to life on the ultra-slim 5mm frame.
- Remarkable 110% NTSC cinematic-level color gamut, bringing an astonishing range of colors to your display.
- Enjoy exceptional clarity and crispness with a bright 350-600nits, ensuring your content remains visually stunning.

**Absen**



**Elevate Your Visuals... The Ultimate Blend of Efficiency & Versatility!**

### **Polaris (PL) Series: Assemble Your Task Force**

Experience a new level of visual excellence with the Absen Polaris (PL) Series! Whether you seek a captivating indoor display or a resilient outdoor solution, this series is designed to meet all your needs. With the Absen PL Series, creativity knows no bounds. Its curve connection supports a wide range from -7.5 degrees convex to +10 degrees concave, empowering you to design captivating displays with graceful curves.

#### **Indoor Display:**

- Choose from pixel pitches of 1.9mm up to 3.9mm, ensuring crisp & clear images even at close viewing distances.
- With an impressive capacity of up to 1500nits brightness and 16-bit grayscale, your content will come to life with striking clarity and detail.
- The high 3840/7680Hz refresh rate ensures smooth, flicker-free visuals, setting the stage for an immersive viewing experience.

#### **Outdoor Performance:**

- Absen PL Series offers 3.9mm & 4.8mm pixel pitch options
- With a dazzling brightness of 4500nits and excellent color uniformity, your content will shine even in broad daylight.
- The 3840Hz refresh rate guarantees seamless performance, regardless of the dynamic content you display.

**Absen**





# **POLARIS**

## **PL Series**

### **Unleash Brilliance: Polaris Series!**

Step into a world of captivating visual experiences with Absen's Polaris Series. Choose from various pixel pitch options, from the ultra-fine 1.9mm to the immersive 3.9mm, and enjoy a remarkable brightness of 1500nits indoors and up to 4500nits outdoors. Embrace the power of HDR10 and 16-bit grayscale for vivid colors and impressive details. The PL1.9 Pro features innovative IMD technology, while the PL2.5 Pro utilizes UltraBlack, ensuring seamless performance and limitless creativity with easy front and rear maintenance, a magnetic auto-lock system, and compatibility with NovaStar & Brompton Technology processors. Experience cutting-edge technology comes to life with Absen's Polaris Series.



Virtual Production | Live Production | Commercial Displays | House of Worship



**Blackmagic Design 12G HDR Video Assist Recording Monitors**

- Perfect for Digital Cinema, Live Recording and Monitoring!
- Modern Design with 12G-SDI and Bright HDR Screens!
- Upgrade to Better Recording for Digital Cameras
- Easy Touch Controls
- Dual Media Recorders for Uninterrupted

Blackmagicdesign Recording

- Advanced 12G-SDI and HDMI 2.0 Inputs and Outputs
- HDR Support with Bright Wide Gamut LCD

**BMD-ASSIST-12G7 • 7 inch • Your Price \$995.00**

**BMD-ASSIST-12G5 • 5 inch • Your Price \$795.00**

**Atomos SHINOBI7 7 Inch 4K HDMI/SDI HDR Photo & Video Monitor**

The Atomos Shinobi 7 is the perfect 7" HDR monitor that allows any content creator to have complete control over the image being captured. Shinobi 7 delivers next level display quality and control functionality to our monitor-only range. With 2200 Nits brightness, the potential for cross conversion and camera control, and all of the on-screen monitoring functionality you need. Shinobi 7 combines a large 7" HDR screen with a calibrated peak brightness of 2200Nits and the lightweight Monitor-only functions of the original Shinobi. The Shinobi 7 can be used in the brightest of environments to monitor signals up to 4Kp60 via HDMI.



**ATO-SHINOBI7 • Your Price \$699.00**

**Atomos SHOGUN CONNECT Network-Connected 7" HDR Video Monitor & Streaming Recorder**

The SHOGUN CONNECT builds on the ground-breaking SHOGUN product-line. Featuring a brighter screen and multiple recording options, the SHOGUN CONNECT is the first fully integrated product in the CONNECT range. It combines HDR monitoring, RAW recording, and cloud workflows. The SHOGUN CONNECT features a loop through 12G SDI IN and OUT interface with an option to activate SDI RAW and send a signal to multiple devices. ATOMOS AirGlu™ wireless timecode

for seamlessly synchronizing all cameras, multiple power options to accommodate a variety of on-set scenarios, plus Wi-Fi 6, Gigabit Ethernet, Bluetooth LE, and USB C to ensure flexible, all-round connectivity.

**ATO-ATOMSHGCO1 • Your Price \$1299.00**

**Atomos Ninja V 5 Inch 4Kp60 10bit HDR 1000nit Portable Monitor/Recorder**

The Ninja V ATOMNJAV01 is a small form factor, 1" thick 5" monitor recorder that offers amazing features to DSLR/Cinema customers. Its weight and its size is perfect for those looking for a recorder to unleash their camera's potential, for those looking for a flexible monitor that gives them the HDR capability for a better performance. Record up to 4Kp60 10-bit HDR video direct from your camera's sensor, over HDMI 2.0. Store edit-ready ProRes or DNxHR on affordable SSD drives and bypass your camera's internal compression and record time limits.

**ATO-MNJAV01 • Your Price \$399.00**

**Lilliput FS7 7 Inch Camera Top SDI Monitor with 4K Full HD HDMI Camera Assist**

The Lilliput FS7 7 inch Camera Top SDI Monitor with 4K Full HD HDMI Camera Assist. The 16:10 8bit IPS 4K LCD provides sharp, detailed images that pop due to a 1920x1200 native resolution (324ppi), 1000:1 high contrast, 500cd/m2 high brightness and 170 degree viewing angles. The HDMI/3G-SDI 4K input signal can be looped to additional monitors or devices with SDI format support for 4K HDMI at 4096x2160 24p/3840x2160 (23/24/25/29/30p). Features like peaking, false color, audio level metering, histogram, image freeze and zoom and more all in a rugged, compact, metal housed body that provides vibration and drop protection. Super versatile the Lilliput FS-7 has user definable shortcut buttons and an included F970 battery mount as well as 75mm VESA and hot shoe mounting options.



**LIL-FS7 • Your Price \$239.00**

**Lilliput Q10 10.1" HDMI 2.0 / 2x 12G-SDI High Bright Monitor**

The Lilliput Q10 is a professional camera-top monitor with an amazing 1500 nit Ultra Bright LCD screen built specifically for photography and film makers. Designed for outdoor video and film shooting this 10.1 inch LCD monitor has 1920x1200 Full HD native resolution and 1200:1 high contrast to provide superior picture quality, and to support 4K HDMI 2.0 and 12G-SDI signal inputs and loop outputs. It's possible to receive 2x 12G-SDI signals and display them at the same time using the picture-in-picture function with adjustable size and position. Accepts HDMI signals up to 4K 60Hz and is perfectly compatible with the latest sources that feature an HDMI 2.0 interface.



**LIL-Q10 • Your Price \$1099.00**

**Lilliput 667/S 7 Inch 3G-SDI On-Camera Field LED Monitor**

The enhanced 450 cd/m2 backlight matte display provides a crystal clear picture and a 500:1 contrast ratio results in incredible vivid color. Superior enhanced brightness reduces glare and stops your content from getting that 'washed out' look under sun light and when combined with the included detachable sun hood. Ideal as a sub monitor for your full HD Video Camera the Lilliput 667/s is ready to connect with 3G-SDI, HDMI and YPbPr inputs, an LCD 16:9 Aspect Ratio and 1920x1080 pixels. A true field monitor you're ready to roll with the essential extras included. Mount agile you get a 568 bracket, F970 and LP-E6 battery plates, a shoe mount, plus a detachable sun shade, wireless remote control, DC adapter, even an HDMI cable!



**LIL-667S • Your Price \$249.00**

**Marshall V-LCD-70AFHD 7 Inch Monitor with 3GSDI / HDMI**

The V-LCD70-AFHD includes a wide range of professional features including multiple inputs, Picture-in-Picture, Image Flip, Screen Markers, Peaking Filter, False Color and Zebra filters. The screen is a bright 500 cd/m2 with a 700:1 contrast ratio. The menu is fully accessible from the front of the monitor, where adjustments can be made to color, exposure, picture orientation, or the aspect ratio of the image can be adjusted from full screen to 4:3, 14:9 and 16:9. The V-LCD70-AFHD is designed for the videographer who moves between HD, 3G, and analog formats and needs a field monitor that can adapt to every situation.



**Marshall**  
BROADCAST & PRO AV

**MAR-V-LCD-70AFHD • Reg. \$808.00 Your Price \$686.25**



## TVlogic **TVLogic R-5T 12G-SDI 3X 5.5" LCD Full HD Screen Rackmount Monitor**



The R-5T is a brand-new rack monitor (3 x 5.5") with advanced design and performance. It offers an

outstanding picture quality with a Full HD resolution of 1920 x 1080 and high luminance up to 500cd/m2. The R-5T supports the video formats up to 12G-SDI and HDMI version 1.3 and has professional features such as Scan, Audio Level Meter, Time Code Display, Waveform/Vectorscope and UMD. Resolution: 1920X1080(16:9) | Pixel Pitch: 0.0213(W) x 0.0639(H) | Color Depth: 16.7M | Viewing Angle: 160°(H)/160°(V) | Luminance: 500cd/m2 | Contrast Ratio: 1,000:1 | Display Area: 122.7(H)x69.0(V)mm

**TVL-R-5T • Reg. \$4435.00 Your Price \$3991.50**

## SmallHD **VISION 4K HDR Production Monitors**

**12G SDI & HDMI 2.0 - True 10-bit - 1000nits**



The SmallHD Vision 17 is built for the mobile Filmmaker. Employing the same SmallHDR dual-modulation hardware as Vision 24, this 17" FALD counterpart boasts 1792 individual LED zones, with 1000+ nits of brightness to achieve perfect uniformity in contrasts & latitude, with even deeper blacks and greater highlight detail. Compact, durable, and lightweight, Vision 17 is capable of traveling to any on-set environment.

The SmallHD Vision 24 allows you to see as your camera sees. Engineered to equal modern sensors' increased sensitivity to highlight and lowlight image retention. Powered by SmallHDR, a proprietary Full-Array Local Dimming (FALD) hardware that enables nuanced control of over 2176 individual LED zones, rendering hyper-sharp contrasts with deep blacks, crisp highlights, and a stunning 10-bit color depth.

**SMHD-MONVISION17 • 17 Inch • Your Price \$9999.00**

**SMHD-MONVISION24 • 24 Inch • Your Price \$14999.00**

## Lilliput **21.5 inch 1920x1080 Live Stream Quad Split Multi View IPS Monitor**



The Lilliput PVM220S 21.5 inch live stream multiview monitor for Android mobile phone, DSLR camera and camcorder. Application for live streaming & multi camera. The live monitor can be switched live up to 4 1080P high quality video signal inputs, which make it easy to create professional multi camera events for live streaming. 21.5" Live Stream Quad Split Multiview Monitor

**LIL-PVM220S • Reg. \$799.00**

**Your Price \$769.00**

## Lilliput **PVM210S SDI/HDMI Professional Video Monitor**



production environments.

**LILLIPUT** any number of workflows and

**LIL-PVM210S • Reg. \$659.00 Your Price \$599.00**

## Plura **SFP-217-25G 17" 4K IP Monitor with SMPTE 2110**

SFP-217-25G, 17" monitor from PLURA is the industry's first TRUE-IP 25GbE broadcast & media monitor solution, supporting uncompressed UHD based on SMPTE ST 2110, ST 2022-6T & ST 2022-7 and supports up to 4096 x 2160 resolutions.

The flexibility and robustness of the SFP-25G platform is the ultimate solution for wide range of broadcast and professional media SDI to IP transition projects. The SFP-25G platform is a powerful hybrid solution supporting SFP+ / SFP28 10G / 25G (ST 2110, ST 2022-6 T, ST 2022-7), 12G, 3G & 1.5G & HDMI 2.0 connectivity.

**PLUR-SFP-217-25G • Reg. \$10399.00 Your Price \$9359.10**



**plura**  
**NEW!**

## Plura **24" 3G Broadcast Monitor (1920x1200) Class A- 3Gb/s Ready**

- 3Gb/s ready - 1080/60P • Advanced Waveform (Y.Cb.Cr. Selectable), Vectorscope
- 2 x Auto-detect HD-SDI with active loops (3Gb/s / 1.485Gb/s / 270Mb/s)
- Complies with EBU-3320 TECH, SMPTE-C and ITU-R BT.709 Standards
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- Dual HD SDI YPbPr 4:2:2 - Dual HD SDI YPbPr/RGB 4:4:4 & 2K • RGB, YUV, Y/C, Composite, UXGA, DVI(DHCP) & HDMI(DHCP)

**PLUR-PBM-224-3G • Reg. \$4199.00 Your Price \$3779.10**



**plura**

## Plura **17" 1920x1080 3G Broadcast Class A Monitor**

- 3Gb/s ready - 1080/60P
- Advanced Waveform (Y.Cb.Cr. Selectable), Vectorscope
- 2 x Auto-detect HD-SDI with active loops
- Complies with EBU-3320 TECH, SMPTE-C and ITU-R BT.709 Standards.
- Plura Intelligent Connection for Alignment & Calibration
- Dual HD SDI YPbPr 4:2:2 - Dual HD SDI YPbPr/RGB 4:4:4 & 2K
- RGB, YUV, Y/C, Composite, UXGA, DVI(DHCP) & HDMI(DHCP)
- Cutting edge De-interlacing and Scaling Technology
- Fast Response Time for high motion video

**PLUR-PBM-317-3G • Reg. \$3149.00 Your Price \$2834.10**



**plura**

## ToteVision **19 Inch Rackmount HD LCD Monitor ATSC-QAM HDMI TV**

High-definition, LED-backlit, mid-size monitor with TV tuner that is versatile and effective for any commercial video use. Displays HD signals (1080i/p). 3D + 3D image processing with digital noise reduction, Built-in ATSC / Clear QAM Tuner, Durable Metal Housing. Built-in speakers, IR remote control. Includes Hospitality Features include: Maximum volume, Key Lock, Scan Lock, and Auto Reset which maintains Startup Channel, Power On Volume, and Power On Source!



**TOTE VISION**

**TOV-LED1906HDMTR • Reg. \$656.00 Your Price \$459.20**



**Ocean Matrix 4K HDMI 4 x 1 Multi-Viewer with IR Control****NEW!**

Maximize fly-pack footprint and minimize monitoring needs with the 4K Ocean Matrix 13HMHM0002 4x1 HDMI Multiviewer. The unit sets up your display with up to 4 HDMI feeds making it an ideal fit for directing live productions.

- 4 Channels of HDMI Signals
- IR Sensor for Remote Control
- Video Resolution up to 4K@30Hz

- Audio and Mode Switch Buttons

- Power and Input LED Indicators

- Black Powder-Coated Steel Cabinet • HDCP 1.4 Compliant • FCC, CE Certified

**OMX-13HMHM0002 • Reg. \$399.95 Your Price \$379.95**

**Ocean Matrix 1080p HDMI 4 x 1 Multi-viewer with PIP & IR Control****HOT!**

Maximize fly-pack footprint and minimize monitoring needs with the Ocean Matrix 13HMHM0001 4x1 HDMI Multi-viewer. The unit sets up your display with up to 4 HDMI feeds making it an ideal fit for directing live productions.

- 4 Channels of HDMI Signals • Supports PIP (picture in picture) • IR Sensor for Remote Control • Video Resolution up to 1080p@60Hz •

- Audio and Mode Switch Buttons • Power and Input LED Indicators

**OMX-13HMHM0001 • Reg. \$189.95 Your Price \$179.95**

**Ocean Matrix HDMI 2x2 Video Wall Processor****NEW!**

Take the guesswork out of creating video walls in worship facilities, auditorium stages, and presentation venues with the Ocean Matrix 16HMHM0001 HDMI 2x2 Video Wall Processor. Generate stunning visuals with its multiple display modes giving you complete control over the creative process. This includes up to 8 video wall configurations and independent output rotation for 180-degree image turns in the 2x2 mode.



The Ocean Matrix 16HMHM0001 supports 4K/60 input allowing it to easily scale the highest quality images at the touch of a button. A built-in on-screen display allows simple mode selection between 2x2, 1x2, 2x1, 1x3, 3x1 or 1x4 operation. The package includes an IR Remote with mode shortcut buttons. It's time to bring your presentations to the next level and Ocean Matrix is ready to get you there.

**OMX-16HMHM0001 • Reg. \$307.49 Your Price \$269.95**

**BZBGear BG-UHD-VW2x2 2x2****NEW!****4K 60Hz HDMI Video Wall Controller with Audio****BZBGear®**

devices, select the layout, and adjust for bezel correction with three simple button presses. If needed, 180° output rotation is an option available for inverted displays to help with bezel obstructions.

- Compatible with HDCP2.2 • Mirror mode available (2x2 only) • Edge shielding functions • Sturdy metal housing • Plug and play unit • Supports AUX and Spdif audio extraction • 180° output rotation for installations with inverted displays

**BG-UHD-VW2X2 • Your Price \$899.00**

**Datapath FX4-HDR 4K HDR Display Controller with 4 x HDMI Outputs****HOT!**

The Datapath Fx4-HDR builds on the success of its award winning Fx4 and x4 predecessors and brings the superb HDR 10-bit color clarity, 4K60 resolution as well as audio support into the mix. Advancements in digital signage requirements mean that customers demand greater freedom in creating and deploying small, medium and large-scale signage projects. Fx4 HDR's advanced hardware processing enables complete flexibility for content mapping across multiple output canvases. Join multiple devices to support larger display areas, whilst maintaining synchronization across all outputs. The Fx4 features one HDMI 2.0 input and two HDMI 1.4 inputs. The UI allows users to determine which input is used.



**FX4-HDR • Your Price \$2940.00**

**Datapath FX4-SDI 4K 60Hz Display Wall Controller**

The Datapath Fx4-SDI offers the perfect solution for staging and televised video walls. Delivering four SDI outputs and the ability to loop multiple units together, even the largest, most complex video wall installations are possible. A choice of 3G-SDI, DisplayPort1.2 and HDMI1.4 inputs, the Datapath Fx4-SDI offers up to 4k 4096 x 2160 p at 60 fps.



**FX4-HDR • Your Price \$2940.00**

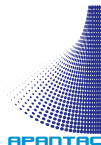
**Matrox Q2GH4K QuadHead2Go Q155 Multi-Monitor Controller**

Capable of driving four displays from one signal, the Matrox Q2GH4K QuadHead2Go Q155 multi-monitor controller appliance provides complete video wall scalability and flexibility. This system-independent appliance is designed to power any video wall configuration of any possible dimension, from any HDMI video source -- reliably delivering flawless image quality across expansive, artistic video wall displays, suited for digital signage in a wide range of industries. QuadHead2Go's on-device buttons and pre-set configurations ensure an out-of-the-box, trouble-free installation experience.



- Drive up to four pristine quality Full HD displays from a single video signal -- of up to 4Kp60 and 8Kx8K -- at full RGB 8:8:8 and YUV 4:4:4 color support.

**MTX-Q2GH4K • Your Price \$1439.00**

**Apantac Mi-16-UHD 16x1 3G/HD/SD-SDI Input Multiviewer with HDMI 2.0 (UHD) Output****NEW!**

Apantac Mi-16-UHD is a 16 x 1 multiviewer in 1 RU with UHD output. Mi-16-UHD accepts 16 x 3G (Level A&B), HD, SD SDI video inputs, auto detect. One output available in 50/60 Hz as HDMI 2.0 (2160p), 12G SDI and down converted 3G SDI. Windows can have multiple sizes and can be moved freely. UMDs, OMDs and standalone labels. Analog, Digital Clocks/Counters and Logos. 32 GPI for tally/presets. Supports the TSL protocol over IP and serial. 30 internal presets.

- Low latency - single frame processing delay • Low energy - only uses 55W of power • Accepts 16 auto-detect 3G/HD/SD-SDI inputs • Decodes up to 16 embedded audio per SDI input • Total of 64 audio meters

**APA-MI-16-UHD • Reg. \$6610.00 Your Price \$6295.00**







## Decimator Design MD-QUAD Miniature 3G/HD/SD-SDI Quad Split Multiviewer with HDMI

The Decimator MD-QUAD V3 is a low-cost miniature (3G/HD/SD)-SDI, 4 to 1 Quad Split Multiviewer or 4 to 1 input multiplexer. It features a selectable output format in Quad-Split mode and low latency buffering for each input allowing for non-synchronous inputs.



The MD-QUAD is also a professional 3G/HD/SD Test Pattern Generator featuring 26 Selectable Output Formats and 54 Test Patterns including Luma and Chroma Zone-plates and an Audio Tone Generator. The MD-QUAD V3 supports both 3G level A and B on the input and output to allow conversion between 3G level A and B. Each quadrant is independent of the others, allowing any 3G format of any frame rate to be displayed simultaneously!

**DEC-MD-QUAD • Your Price \$1295.00**

## Decimator Design Multi viewers with HDMI & SDI Outputs for 3G/HD/SD



- Custom Layouts with various standard layouts
- Fast switching between inputs using Full-Screen scaling
- Selectable output format in both Full-Screen and Multi-viewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 6 x (3G/HD/SD)-SDI inputs with auto detection



**DEC-DMON-QUAD • 1 to 4 Channel Multi-viewer • Your Price \$295.00**

**DEC-DMON-6S • 6-Channel Multi-viewer • Your Price \$595.00**

## Decimator Design DMON-4S Quad 3G/HD/SD-SDI to HDMI Multi-Viewer and Converter



- Multi-View mode now includes 8 Channel Audio Metering overlay per window with individual enables, custom positioning and size
- Support for both 3G level A and B on the inputs. • Horizontal and/or Vertical image flipping per window • Inputs 2 and 4 can be individually changed to output active loop copies of inputs 1 and 2 respectively.



- Custom Layouts with various standard layouts • Load and restore Custom Layouts
- Fast switching • Selection of audio from any input • 16 Character UMD overlay per window with individual enables, custom positioning and size

**DEC-DMON-4S • Your Price \$495.00**

## Decimator Design 3G/HD/SD Multi viewers



- Selectable output format in Multi-viewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 12 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- Pass-Through mode allowing any of the 12 inputs to be selected for output



**DEC-DMON-16SL • 16 Channel SDI to HDMI • Your Price \$295.00**

**DEC-DMON-16S • 16 Channel 3G/HD/SD-SDI and HDMI • Your Price \$1495.00**

**DEC-DMON-12S • 12 Channel SDI and HDMI Out • Your Price \$1295.00**

## Blackmagic Design MultiView 4 MultiViewer Kit with SDI/HDMI/Ethernet & Power Cables

The Blackmagic Design MultiView 4 has four independent 6G-SDI inputs that work with all SD, HD and Ultra HD formats up to 2160p30. The included Ethernet remote control software lets you turn on audio meters, select audio to output, and create custom labels. MultiView 4 displays your sources in a standard 2x2 grid. You can also add a Teranex Mini Smart Panel for full front panel control and rack mount it using the optional Teranex Mini Rack Shelf!



Blackmagicdesign

Kit Includes: 1x Blackmagic Design MultiView 4 4K Multi-viewer | 1x 6ft 18 AWG IEC NEMA 5-15P Power Cord | 1x 6ft Ultra High Speed HDMI 2.1 Cable | 4x 6ft Laird 4855R 12G SDI/4K UHD BNC Cable | 1x 3ft Cat6a 600MHz Snagless Molded UTP 10 Gigabit Ethernet Cable

**BMD-MLTVIEW4-KIT • Reg. \$635.70 Your Price \$565.00**

## Blackmagic Design MultiView 4 Video Multiviewer for 4 Channels of SDI

Multi view monitoring is perfect for massive control rooms with lots of incoming feeds, for live multi camera production or for use on location and in tight spaces that don't have room for multiple monitors.



- Multi source monitoring designed for broadcasters • Mix any combination of SD, HD and Ultra HD sources
- Custom labels, tally, audio meters and more! • Multi Rate 6G-SDI Connections Supports all of your SD, HD and Ultra HD equipment!
- MultiView 4 handles 4 sources in an incredibly compact size.

**BMD-MULTIVIEW4 • Your Price \$545.00**

## Blackmagic Design MultiView 4 HD

The Blackmagic MultiView 4 HD is a multi-viewer that lets you simultaneously monitor 4 completely independent SDI video sources on a single display! You can monitor any combination of SD and HD formats and frame rates, all at the same time. Each view can display overlays with information such as custom labels, audio meters and more.



Blackmagicdesign

- SDI Reclocking: On all SDI outputs, auto switching between standard definition or high definition
- Reference Input: None • Multi Rate Support: Auto detection of SD or HD
- Updates: USB 2.0 high speed (480Mb/s) interface

**BMD-MULTIVIEW4HD • Your Price \$199.00**

## Blackmagic Design MultiView 16 Video Multi-viewer for 16-Channels of SDI

Blackmagic MultiView 16 is perfect for larger installations because it has 16 independent 6G-SDI inputs so you can connect any combination of SD, HD or Ultra HD sources and monitor them all simultaneously on a single display! Router style controls on the front panel, along with the LCD and spin knob, let you adjust settings, route sources to different views, add overlays and more. Output can be set to a 2x2, 3x3 or 4x4 grid, and you can even SOLO any source full screen!



Blackmagicdesign

- SDI Video Input: 16 x 10-bit SD-SDI, HD-SDI and 6G-SDI.
- SDI Video Loop Output: 16 x 10-bit SD-SDI, HD-SDI and 6G-SDI.

**BMD-MULTIVIEW16 • Your Price \$1575.00**



### Atomos SUMO 19 SE 4K HDR 19-Inch Monitor Recorder and Switcher

A Special Edition of Atomos 19 inch production monitor Sumo 19 SE that comes with an incredible panel P3 Quantum dot color, offering a better picture clarity. The Sumo SE is offering more for the same price as Sumo 19



ATOMOS and replaces Sumo 19 in their product portfolio. For professional productions large and small you save significant space - replacing several boxes in your rack, or decks and monitors on your desk with a single Sumo 19.

- HDR in the field and in the studio • 10-bit ProRes and DNx up to 4Kp60
- Two stereo balanced XLR inputs with 48V • 1200nit HDR: Touchscreen
- ProRes RAW: Up to 6K • 4x ISO+Program: Record • Live Switch: Program Out

ATO-SUM019SE • **Your Price \$1995.00**

### Atomos Shogun Studio II - Dual Recorder and Dual Monitor



Atomos ATOMSHSTU2 Shogun Studio II Rackmount 4K Dual Recorder & Monitor features two dual 7" monitors 3000 nits. 4K/HD SDI & HDMI inputs and outputs with conversation.



ATOMOS Stereo XLR in/out per channel with 48V phantom power.

- 1x Shogun Studio II unit • 2x Rack ears with screws
- 5x Master II Caddies • 4x Rubber feet with screws
- 2x Large rubber feet (for elevating the front of the unit)

ATO-ATOMSHSTU2 • **Your Price \$3699.00**

### Datavideo HDR-90 Rackmount 4K ProRes Digital Video Recorder with Touch Screen Panel



datavideo®

- HDR-90 is a rack-mounted version for OB Vans or other integrated systems. A high resolution 5" LCD touch screen on the front for video monitoring, device settings, and configuration. The monitor also provides a complete suite of scopes and calibration tools such as waveform, vectorscope, focus peaking to ensure perfect recording.
- ISO Recording of four videos, 3G ISO recording and HD playback. Not just for a single-camera setup, HDR-90 can record up to four 1080p60 streams simultaneously in separate ProRes files. All files are synced with the same time code, making it easy for tracking during post-production.

DV-HDR-90 • **Your Price \$2649.00**

### Datavideo HDR-80 4K ProRes Digital Video Recorder with Touch Screen Panel - Desktop Model



- A multi-camera production environment. 4K ProRes Dual Disk Recorder and Four HD Video Cameras facilitating live video recording.
- Closed Caption • UHD 4K Recording and Compressed in 10-Bit 4:2:2 ProRes • Large 5" LCD Touch screen for operating and monitoring
- ISO Recording of four videos, 3G ISO recording and HD playback
- Supports multiple inputs and output configurations
- 2 x XLR Analogue Audio Inputs and 2 x XLR

Analogue Audio Outputs

DV-HDR-80 • **Your Price \$2649.00**

### AJA Ki Pro Ultra 12G 4K/UHD/HD Multi-Channel HD Recorder & Player



AJA's Ki Pro Ultra 12G is a multi-channel Apple ProRes® recorder offering up to 4-Channels of simultaneous HD recording, or in Single-Channel mode, a 4K/UltraHD/2K/HD Apple ProRes or Avid DNxHR® recorder and player. Avid DNxHD® MXF is also supported up to HD formats in Single-Channel mode. Ki Pro Ultra 12G offers 12G-SDI single cable simplicity for large rasters and HDMI 2.0 digital video connectivity with HDR support for both recording and playback.



AJA  
VIDEO SYSTEMS

AJA-KIPROULTR12G • **Your Price \$4749.00**

### AJA Ki Pro Go Multi-Channel HD H.264 USB 3.0 Recorder and Player

- Multi-channel H.264 Recording and Single Channel Playback

- 4x USB recording media ports, compatible with off the shelf USB 3.0 media of four inputs to any four recording channels

- Redundant recording with backup recordings of any or all channels to USB port 5 on the rear

- HDMI and SDI multi-channel matrix monitoring
- Selectable VBR recording profiles

- Balanced XLR analog audio inputs, mic/line/48v switchable

- 2-channel embedded audio per video input

AJA-KI-PRO-GO • **Your Price \$4749.00**

### AJA Ki Pro Rack HD Recorder/Player with ProRes and Avid DnX Support

AJA  
VIDEO SYSTEMS

- Ki Pro Rack offers a large number of unique features for optimum quality, ease of use, and support for a wide variety of workflows and environments.

- Ki Pro Rack provides flexible standard and high definition recording, with hardware up/down/cross conversion for versatile operation in a mixed SD/HD environment, plus a wide variety of control methods and storage options.

- Up/down/cross-conversion, 10-bit, realtime, implemented in hardware

- Digital HD/SD SDI I/O, 1-channel selectable input and output (4 BNC)

AJA-KIPRORACK • **Your Price \$3189.00**

### Matrox MaeveX 6020 Panopto-Certified Live Streaming Remote Recorder Appliance

The Matrox® MaeveX 6020 Remote Recorder (MVX-RR6020-P) appliance is a Panopto™-certified live streaming multi-recorder specifically designed for-and fully integrated with-Panopto's industry-leading video management system (VMS). Everything you love about the Panopto cloud or on-premises management of recording, streaming, scheduling, and everything else is available for the MaeveX 6020 on the Panopto VMS platform making it simple and easy for administrator and in-room/class operator alike.



matrox®

MTX-MVX-RR6020-P • **Your Price \$2595.00**





## Blackmagic HyperDeck Studio Series Professional Broadcast Decks

**Record Broadcast Quality Video Files Directly to SD Cards and SSD Media!**

The new redesigned HyperDeck Studios feature modern design with more codecs and quieter cooling. All models now support recording to H.264, Apple ProRes or DNxHD files with either PCM or AAC audio. Plus the 4K model adds support for H.265 files! When you've finished recording, media can be mounted on any computer to access the files using your favorite video software. For ISO recording, there's even built in timecode and reference generators for syncing multiple units! All of these powerful features make HyperDeck Studio perfect for broadcast, live production or multi screen digital signage!

### Studio HD Mini

Records H.264, ProRes or DNxHD files onto SD/UHS-II cards or external USB disks in SD/HD formats to 1080p60.

**BMD-HYPERD-STMHD**

**Your Price \$495.00**

### Studio HD Plus

Adds front panel headphone and speaker, 6G-SDI and fill and key out. Supports all codecs up to 1080p60 and ProRes and DNxHD to 2160p30.

**BMD-HYPERDSTHDPL**

**Your Price \$695.00**

### Studio HD Pro

Adds 2 SSD slots as well as the 2 SD slots, machined metal search dial with clutch, SDI monitor out and XLR timecode connections.

**BMD-HYPERD-STPRO**

**Your Price \$995.00**

### Studio HD 4K Pro

Records & plays H.264/5, ProRes and DNx files in all SD, HD and Ultra HD standards up to 2160p60 (H.265).

**BMD-HYPERDSTPR4K**

**Your Price \$1595.00**

Blackmagicdesign



## Blackmagic Design HYPERDECK EXTREME 4K HDR Recorder

**Space Saving H.265 Files / Optional Internal Cache & 3D LUTs**



The Blackmagic HyperDeck Extreme 4K HDR features the trusted reliability of HyperDeck combined with new innovations such as space saving H.265 files, optional internal cache, 3D LUTs and HDR



Blackmagicdesign

support! With the ability to record up to native 4K in H.265, you get reduced storage costs and amazing image quality. The large touch screen ensures a perfect view of your recording as well as control over all deck settings.

**HYPERDECKEX4KHDR • Your Price \$2995.00**

## Blackmagic Design UltraStudio 4K Mini

**Portable Thunderbolt 3 Capture and Playback Solution**



The Blackmagic Design UltraStudio 4K Mini is a portable Thunderbolt 3 capture and playback solution packed with the latest broadcast technology!

Blackmagicdesign

You get 12G SDI, HDMI 2.0 and analog connections for broadcast quality 8, 10 and 12 bit high dynamic range capture in all formats from SD up to 4K DCI at 60 frames per second. Plus, the built in SD card reader lets you mount camera media directly on your computer so you can start editing immediately!

**BMD-BDLKULSDMI4K • Your Price \$1055.00**

## Blackmagic Design UltraStudio Recorder 3G



Get the world's smallest pocket sized SDI and HDMI video capture for your Thunderbolt 3 laptop or desktop computer! The Blackmagic Design BMD-BDLKULSDMAREC3G UltraStudio Recorder 3G features the highest quality 10 bit uncompressed and compressed video capture that's compatible with all popular video software including DaVinci Resolve, Avid Media Composer,

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Adobe Premiere Pro CC and hundreds more!

**BMD-BDLKULSDMARE • Your Price \$125.00**

## Blackmagic Design HYPERDECK SHUTTLE HD HDMI Desktop Recorder and Player with USB Type-C 3.0

The Blackmagic HyperDeck Shuttle HD is a recorder and

Blackmagicdesign

player that's designed to be used on the desktop! That means it's more than a master recorder as it can also be used as a clip player. The large search dial is perfect for scrolling through lots of media to find the clip you want to play. You get support for ProRes, DNx and H.264 files in NTSC, PAL, 720p and 1080p video formats. The HDMI connections allow connection to switchers, cameras and monitors. Plus SD cards, UHS-II cards and USB-C external disks can be used for recording and playing media.



**BMD-HYPERDSHTLHD • Your Price \$495.00**

## Blackmagic Design DISKMDOCK4/U10G MultiDock 10G SSD Dock - 4 SSDs via a Single Highspeed 10Gb/s USB-C



The Blackmagic MultiDock 10G is an advanced SSD dock that lets you access 4 separate SSDs via a single high speed 10 Gb/s USB C connection. Unlike cheap consumer adapters, Blackmagic MultiDock 10G has been specifically designed for the film and television industry and features an independent SATA driver chip on each disk, ensuring much faster data transfer speeds. That's perfect for editors, colorists and media management on set! It can even be used for SSD compatibility on HyperDeck Extreme! Only Blackmagic MultiDock 10G gives you the industrial strength design you need for professional work.

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**BMD-MULTIDOCK10G • Your Price \$615.00**

## Blackmagic Video Assist 5 Inch 3G Portable Monitor/Recorder for SDI or HDMI Cameras

The Blackmagic Video Assist 5 inch 3G is a portable monitor, a professional recorder, a portable scope and a fantastic camera viewfinder solution! You can also add better quality record codecs and a larger monitor to any SDI or HDMI camera! The new design has innovations such as 4 built in scopes, enhanced focus assist features, a tally indicator and built in 3D LUTs. The Video Assist 5 inch 3G support formats up to 1080p60 and the new design also has L-Series batteries for longer life.

Blackmagicdesign



**BMD-HYPERAVIDA-5 • Your Price \$525.00**

**Teradek Ranger 4K 12G-SDI/HDMI Wireless Video Kit**

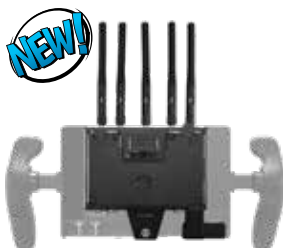
- Transmits uncompressed 4K HDR video up to 5,000 ft. line of sight
- Wireless 4K (2160p60) HDR video
- Zero-delay (< 1 ms)
- Uncompressed, 10-bit, 4:2:2 image quality
- Directional antenna for superb wireless performance
- Up to 3,000 ft. of wireless range or 5,000 ft. with panel antenna (included)
- 4.9 GHz to 6.0 GHz operation
- UNII-5 ready



40 MHz / 20 MHz channel bandwidths

**TER-RANGER4KTXXR • V-Mount • Your Price \$14990.00**

**TER-RANGER4KTXXG • Gold Mount • Your Price \$14990.00**

**Teradek Bolt 6 Monitor Module Wireless Video Receivers**

The Teradek Bolt 6 Monitor Module is a Wireless Video Receiver with V-Mount Battery Plate. The Bolt 6 RX Monitor Module is a real-time wireless video receiver that supports 4K video with Teradek's patented Zero-Delay technology, now with less interference using the newly opened 6GHz wireless frequency. This Receiver Monitor Module integrates directly with the SmallHD Smart 7 Monitor Series. Receive color-accurate, 4K HDR videos in under 0.001 seconds.



The Bolt 6 Receiver Monitor Module easily attaches to the back of SmallHD's Cine 7, 702 Touch, and Indie 7 Smart Monitors. With direct integration, the Bolt 6 and Smart monitor are able to share power and video, allowing you to reduce the amount of cables on set.

Model	Type	Distance	Your Price
TER-BLT6MM750TX	Tx, No Mount	750 Feet	<b>\$1890.00</b>
TER-BLT6MM750RG	Rx, Gold Mount	750 Feet	<b>\$1890.00</b>
TER-BLT6MM750RV	Rx, V-Mount	750 Feet	<b>\$1890.00</b>
TER-BLT6MM1500TX	Tx, No Mount	1500 Feet	<b>\$2890.00</b>
TER-BLT6MM1500RG	Rx, Gold Mount	1500 Feet	<b>\$2890.00</b>
TER-BLT6MM1500RV	Rx, V-Mount	1500 Feet	<b>\$2890.00</b>

**Teradek SPARK Zero-Delay 4K Wireless Kit**

Meet Teradek's Spark 4K wireless transmission video system! It's capable of transmitting untethered local 4K HDR video up to 500 feet line-of-sight over the unlicensed 5GHz band. Spark 4K can multicast to up to two Spark 4K receivers simultaneously. It has portable power, internal antennas, and a compact design making it truly wireless.

- Small tabletop design - doesn't have to be mounted on camera
- No external antenna
- Flexible power options

**TER-SPARK4K-TXXR • Your Price \$1490.00**

**Teradek Bolt 6 LT 750 6GHz 4K HDMI/1080p Wireless Video Kits**

The Bolt 6 LT HDMI Set is a real-time wireless video transmission system that supports 4K video with Teradek's patented Zero-Delay technology, now with less interference using the newly opened 6GHz wireless frequency. Bolt 6 LT can send and receive color-accurate, True-HDR videos in under 0.001 seconds using the set's included Bolt 6 LT video Transmitter and Receiver.

Key features of the Bolt 6 LT HDMI Set include 750 ft range, fast reconnection times, an intuitive, easy setup with the Bolt Manager App for iOS or Android, and consistent, stable connectivity.



Model	Mount	Your Price
TER-BLT6LTHD7TR	No Mount	<b>\$1990.00</b>
TER-BLT6LTHD7TRG	Gold Mount	<b>\$2290.00</b>
TER-BLT6LTHD7TRV	V-Mount	<b>\$2290.00</b>

**Teradek Bolt 6 XT 1500 12G-SDI/HDMI Wireless Video Kits**

Teradek Bolt 6 XT 1500 is a 12G-SDI/HDMI Wireless TX/RX. The Bolt 6 XT Set is a real-time wireless video transmission system that supports 4K video with Teradek's patented Zero-Delay technology, now with less interference using the newly opened 6GHz wireless frequency. Bolt 6 XT can send and receive color-accurate, True-HDR videos in under 0.001 seconds using the set's included Bolt 6 XT video Transmitter and Receiver.



Key features of the Bolt 6 XT is its 1500 ft range, fast reconnection times, an intuitive, easy setup with the Bolt Manager App for iOS or Android, and consistent, stable connectivity.

Deluxe Kit Model	Mount	Your Price
TER-BLT6XT1500TR	No Mount	<b>\$9990.00</b>
TER-BLT6XT15TRDG	Gold Mount	<b>\$11990.00</b>
TER-BLT6XT15TRDV	V-Mount	<b>\$11990.00</b>

**Teradek Bolt 6 LT MAX 6GHz 4K HDMI/1080p SDI Zero Delay Wireless Video Kits**

Teradek Bolt 6 LT MAX is a Wireless Video Transmitter & Receiver Deluxe Set with V-Mount Battery Plate. The Bolt 6 LT Set is a real-time wireless video transmission system that supports 4K video with Teradek's patented Zero-Delay technology, now with less interference using the newly opened 6GHz wireless frequency. Bolt 6 LT can send and receive color-accurate, True-HDR videos in under 0.001 seconds using the set's included Bolt 6 LT video Transmitter and Receiver.



Link up to 6 receivers to one transmitter, or unlimited receivers when used in Broadcast Mode (available on MAX models). Can be configured for up to 5,000+ ft.

Deluxe Kit Model	Mount	Your Price
TER-BLT6LTMAXTXR	No Mount	<b>\$12290.00</b>
TER-BLT6LTMAXTRDG	Gold Mount	<b>\$13290.00</b>
TER-BLT6LTMAXTRDV	V-Mount	<b>\$13290.00</b>







## Hollyland HL-MARS-4K Mars 4K SDI/HDMI Wireless Video System

**450 Feet of 4K Transmission!**

The new Hollyland Mars 4K wireless video transmission system is capable of a 450ft (150m) LOS range and ultra-low latency of 0.06s. The Mars 4K is designed to combine high performance and reliable quality at an affordable price. The Mars 4K supports 4K UHD video transmission at 30fps for the discerning videographer looking for high-resolution production capability. The Mars 4K also supports FHD and HD formats at varying frame rates-24p, 30p, and 60p.



**HL-MARS-4K • Your Price \$699.00**



## Hollyland COSMO C1 1000' Wireless SDI/HDMI Transmission System with Embedded Audio



The COSMO series, transformed by Hollyland's HEVO

wireless transmission technology, offers a new standard for real-time video monitoring up to 1,000ft line-of-sight. Boosted signal strength and superior anti-interference capability in the 5.1GHz- 5.8GHz frequency spectrum guarantee buttery smooth video transmission in complex environments. Industry-first to integrate UVC (USB Video Capture) interface, COSMO C1 offers a whole simplified solution to stream and

cloud-share your video works.

**HL-COSMO-C1 • Your Price \$899.00**



## Hollyland MARS 300 PRO 328' HDMI HD-SDI/3G-SDI Wireless Video

Hollyland Mars 300 PRO Standard uses the latest coding, decoding, and 5G wireless transmission technology. It can achieve ultra-low latency wireless video transmission. It has a transmission range over 328ft with a clean line of sight (LOS) when the transmitter is connected to 1 receiver. The transmitter can connect with 1 receiver and 2 APPs Monitoring (Or 1 Transmitter connects to 3 APPs Monitoring Without RX). And Both transmitter and receiver are equipped with L-series battery plates and also can be powered by USB type C.



**HL-M300-PRO-STD • Your Price \$399.00**

## Lilliput WS500 HDMI/3G-SDI Pro Wireless Video Transmission System - Low 80ms Latency up to 500 FT Range



**LILLIPUT®**

- The Lilliput WS500 is a Pro Wireless Video Transmission system with Low 80ms Latency up to 500ft Range.
- Making your connections flexible and simple! Whether the camera is providing an HDMI or SDI signal, you will be able to switch between HDMI and SDI by using wireless transmitter.
- With APP connection to mobile device, video signals can be uploaded in real time to the live streaming platform, ready to shoot and live synchronously.
- Automatic search for quality channels among 13 signal channels.
- Generate a QR code on the LED screen with one button and scan the code through APP to link your mobile device to wireless transmitter. Up to 3 mobile devices are supported simultaneously.

**LIL-WS500 • Reg. \$599.00 Your Price \$499.00**

## Hollyland MARS 400S PRO 400 Foot HDMI HD-SDI/3G-SDI Wireless Video

**Only 0.1S Latency!**

The Hollyland MARS 400S PRO is a wireless HD video transmission system. The MARS 400S Pro uses the latest coding, decoding and 5G wireless transmission technology that can achieve ultra-low latency wireless video. It has a 400 foot range with a clean line of sight and supports up to 1080P 60Hz resolution for full HD HDMI/SDI video transmission. MARS 400S PRO also can support 2 APPs monitoring when connection with 1 receiver (HL-MARS400SPRORX). SDI & HDMI Inputs on TX and SDI & HDMI Outputs on RX.



**HL-MARS400SPRO • Your Price \$599.00**

## Hollyland MARS 400S PRO RX 400 Foot HDMI HD-SDI/3G-SDI Wireless Video Receiver

The Hollyland MARS 400S PRO RX receiver uses the latest coding, decoding and 5G wireless transmission technology that can achieve ultra-low latency wireless video. It has a 400 foot range with a clean line of sight and supports up to 1080P 60Hz resolution for full HD HDMI/SDI video transmission. The MARS 400S PRO can support 2 APPs monitoring when connecting with the MARS 400S PRO RX. Both the transmitter and receiver are equipped with L-series battery plates and also can be powered by a DC adapter or by USB-C.



**HL-MARS400SPRORX • Your Price \$329.00**

## Hollyland MARS 300 PRO 328 Foot HDMI HD-SDI/3G-SDI Wireless Video Transmitter/Receiver Set - Enhanced

Hollyland Mars 300 PRO Enhanced uses the latest coding, decoding, and 5G wireless transmission technology. It can achieve ultra-low latency wireless video transmission. It has a transmission range over 328ft with a clean line of sight (LOS) when the transmitter is connected to 1 receiver. The transmitter can connect with 1 receiver and 2 APPs Monitoring (Or 1 Transmitter connects to 3 APPs Monitoring Without RX). Both transmitter & receiver are equipped with L-series battery plates and also can be USB-C powered.



**HL-M300-PRO-EHD • Your Price \$429.00**



## SWIT CURVE500 500 Foot HDMI Wireless Video Transmission System Set with KUWI 5.1-5.9GHz Wireless Technology

The SWIT CURVE500 wireless system is based on SWITs latest KUWI wireless technology, not WiFi. With 5.1-5.9GHz license free bands and DFS comply it supports HDMI 1080p60 transmit within 500 feet (150 meters) Line-of-Sight distance. The transmitter and the receiver each have a built-in Sony L-series battery plate and a 7-17V DC power input. One power adapter is included in the package, batteries are sold separately. CURVE500 wireless supports 500ft/150m (Line-of-sight) reliable wireless transmission, and featured stronger wall-cross performance due to both RF optimize and image quality optimize, so that will keep video transmission without date lost or crash comparing to regular 5GHz wireless transmitters.



**SWIT®**

**SWIT-CURVE500 • Reg. \$529.00 Your Price \$519.00**

### ClearCom RS-703 Encore 2-Channel Analog Partyline Intercom System TW Beltpack

A two-channel analog beltback with Program Audio for Encore Partyline Intercom Systems as well as PL-Pro and TW partyline systems via Encore interfaces. Encore™ is a 2-wire analog partyline system. The RS-703 can also carry power and audio through the XLR-3 pin line connector. Each beltback combines high headroom, low-noise audio and shaped frequency contour (the "Clear-Com Sound") to deliver clean audio.

CLCM-RS-703 • **Your Price \$545.00**

### ClearCom RS-702 Two-channel Encore Analog Partyline Intercom System Beltpack

The Clear-Com RS-702 is a 2-channel wired beltback with an XLR-6 line connector and XLR-4M headset connector that combines high headroom with low-noise audio in a rugged, ergonomic housing. A thumbwheel level adjustment is available for Program In. The RS-702's wide dynamic range and audio contouring enable the "Clear-Com Sound" from quiet to noisy environments.

CLCM-RS-702 • **Your Price \$535.00**

### ClearCom Premium Lightweight Single On Ear Headset - Field Removable Four-pin Female XLR

Premium lightweight single on ear headset with superior audio quality and on/off switch in gooseneck microphone boom, includes leatherette and foam ear pads and headset bag - field removable four-pin female XLR for standard Clear-Com connection.

- Premium headsets with high quality audio
- High-quality dynamic cardioid microphone and dynamic headphone
- Boom rotation On/Off switch for quick mic muting
- Interchangeable cabling

CLCM-CC-110-X4 • **Your Price \$290.00**

### ClearCom CC-400 Series Headsets

The CC-400 double-ear headset features high ambient-noise attenuation headphones and a hyper-cardioid dynamic microphone that provide high quality audio. The headset has a flexible design and soft-ear pads to offer superior comfort. Able to rotate 300 degrees, the microphone boom acts as an On/Off switch for quick microphone muting. Clear-Com's full range of professional headsets are made for users of wired or wireless intercom systems. Our headsets feature durable and comfort wear for prolonged use, noise reduction/cancellation for superior audio intelligibility and/or excellent acoustic isolation.

Double Ear with 4-pin Female XLR • **CLCM-CC-400-X4 • Your Price \$435.00**

Double Ear with 5-pin Male XLR • **CLCM-CC-400-X5 • Your Price \$485.00**

Double-Ear with 6-Pin Male XLR • **CLCM-CC-400-X6 • Your Price \$485.00**

Single Ear Headset with 4-pin Female XLR • **CLCM-CC-300-X4 • Your Price \$365.00**

Single Ear Headset with 5-pin Male XLR • **CLCM-CC-300-X5 • Your Price \$405.00**

### Clear-Com FreeSpeak II 1.9GHz Digital Wireless Belt Pack

Up to five communication routes per beltback, each with a 5 or 10 character label • Four programmable pushbuttons, two rotary encoders and a reply button • Menu driven display, which can be partially or completely restricted • Secure system - beltbacks are registered to a particular base station or Matrix • Internal antenna - no antenna breakage or damage • Long battery usage - typically 18 hours of continuous talk time.

CLCM-FSII BP19X4U • **Your Price \$2040.00**

### Clear-Com RS-701 Single-Chan- nel Standard Beltpack

- The RS-701 is a single channel beltback, equipped with an XLR-3 line connector that serves the needs of all users, be it first timers or experienced professionals.
- It combines high headroom with low-noise audio to deliver the exclusive, crystal-clear "Clear-Com Sound" that is familiar to users around the world.
- Swappable microphone options and built-in limiters in the headsets.

CLCM-RS-701 • **Your Price \$390.00**

### Clear-Com BP410 2-Channel 2.4GHz Wireless Intercom Belt Pack for DX410 Intercom Base Station

The Clear-Com BP410 is a rugged, light-weight, ergonomically designed beltback to be used with the BS410 base station. Single-channel operation allows any four beltback and/or all-in-one wireless headset uses to engage in simultaneous, full-duplex communication. In dual-channel operation, three users may be in full-duplex with up to 13 additional users in listen-only mode. The BP410 has a rugged, over-mold, reinforced casing and long-lasting keypads with no mechanical switch. Using the BAT50 Li-Ion battery, the BP410 has up to 12 hours of battery life.

CLCM-BP410 • **Your Price \$1185.00**

### Clear-Com TWC-703 Encore Intercom System Clear-Com to TW Cable Adapter

The ClearCom TWC-703 is a ClearCom Partyline to TW Cable adapter for the Encore Intercom System. Clear-Com Encore™ is a family of simple, effective, and robust 2-wire analog partyline devices which can be deployed as system components or whole systems of various sizes and operational complexity.

The ClearCom TWC-703 is a ClearCom Partyline to TW Cable adapter that combines two single channels from a Clear-Com partyline system to a TW line to allow the dual channel TW segment to be added to any Clear-Com partyline system. TW connectivity provides the system with the simplicity of standard 3-pin XLR cabling when using TW compatible user stations, such as the RS-703 beltback. TWC-703 seamlessly converts partyline audio and call signaling between Clear-Com and TW partyline segments while passing through Clear-Com termination and power.

CLCM-TWC-703 • **Your Price \$580.00**







## **ClearCom Arcadia IP-Based Central Stations with 4-Pin XLR-Male Headset**



The ClearCom Arcadia™ Central Station is a scalable IP intercom platform which integrates

Clear-Com® analog wired and digital wireless partyline systems, including the full range of FreeSpeak™ products. With a mixture of 2-wire and 4-wire audio ports, the 1RU device serves as the centerpiece of a system that includes Clear-Com endpoints along with third-party Dante devices. The Arcadia Central Station is an IP-based standalone 1RU device supporting wired and wireless endpoints with up to 96 total ports of connectivity, 64 of which are available for Dante/AES67. Flexible licensing of features - including ports - allows Arcadia to expand over time as needed, making it a future-proof investment. A key feature of Arcadia is its support for the entire FreeSpeak wireless family. Users can leverage a mixture of FreeSpeak Edge® 5 GHz transceivers/beltpacks, FreeSpeak II® 1.9 GHz E1 and IP transceivers/beltpacks, and FreeSpeak II 2.4 GHz E1 transceivers/ beltpacks.

<b>ARCADIA-X4-32P</b> • 32 Ports .....	<b>Your Price \$15370.00</b>
<b>ARCADIA-X4-48P</b> • 48 Ports .....	<b>Your Price \$21535.00</b>
<b>ARCADIA-X4-64P</b> • 64 Ports .....	<b>Your Price \$27695.00</b>
<b>ARCADIA-X4-80P</b> • 80 Ports .....	<b>Your Price \$33865.00</b>
<b>ARCADIA-X4-96P</b> • 96 Ports .....	<b>Your Price \$40030.00</b>

## **Clear-Com LQ-R4W8 LQ Series 8 Port 4-Wire Intercom IP Interface**



The Clear-Com LQ-R4W8 is a LQ Series 8 Port, 4-Wire, Intercom IP Interface. LQ IP interfaces enable connection of 2-wire partyline, 4-wire or 4-wire with GPIO audio over LAN, WAN or Internet IP infrastructures. The LQ Series consists of compact LQ boxes and rack-mounted LQ-R panels, available in 2-, 4- or 8-port versions. The partyline ports are Clear-Com and RTS compatible. Two standalone partyline intercom circuits can easily be constructed by connecting two partyline ports. The 4-wire ports can interconnect with devices, such as analog ports of any matrix intercom system, analog telephone circuits, two-way radio gateways and audio consoles. A maximum of six LQ Series IP devices can be linked together in any 2-, 4-wire or 4-wire with GPIO combination.

**CLCM-LQ-R4W8 • Your Price \$5640.00**



## **ClearCom CZ-BS410 2.4GHz Base Station**

The ClearCom BS410 is the base station for the DX410 wireless system. Designed to be used with wireless BP410 beltpacks (sold separately) a single DX410 base station supports up to 15 registered BP410 beltpacks and/or WH410 all-in-one wireless headsets. Two-wire auto-nulling enables fast and accurate integration with Clear-Com and RTS wired partyline systems.

### **Control**

The BS410 is a 1RU 2-channel base station with local headset, 2- and 4-wire audio connections, auxiliary in out, and assignable relays. 2-wire connections can be set to RTS or Clear-Com and have auto-nulling. The built in 2.4GHz transceiver transmits RF via two dipole antennas with reverse TNC connectors.

**CLCM-BS410 • Your Price \$5385.00**

## **Clear-Com FreeSpeak Edge Intercom System Base Station**



The ClearCom FreeSpeak Edge Base Station is a Clear-Com® standalone 1RU Intercom System Base Station that provides extensive connectivity to a wide range of Clear-Com endpoints along with third-party Dante devices. The FreeSpeak Edge ® Base Station brings IP connectivity to the FreeSpeak™ family of products with support for both FreeSpeak II ® and FreeSpeak Edge systems, as well as interconnectivity with third-party Dante devices. The system provides support for the 5 GHz, 2.4 GHz, and 1.9 GHz bands to deliver a range of wireless connectivity.

**CLCM-FSE-BASE • Your Price \$9925.00**

## **Clear-Com FSII-BASE-II FreeSpeak II Intercom Base Station**



The ClearCom FSII-BASE-II is a base station for the Clear-Com® wireless FreeSpeak II 1.9 GHz and 2.4 GHz active transceiver antennas and beltpacks, all part of the FreeSpeak II Intercom System. FreeSpeak II is a high-performance wireless intercom solution operating in the 1.9 and 2.4GHz frequency bands designed for extensive communication in large-scale operations.

**CLCM-FSII-BASEII • Your Price \$11910.00**

## **Clear-Com HKB-2X HelixNet 4-Channel 2 Display Digital Intercom Speaker Station**

The ClearCom HelixNet HKB-2X intercom speaker station is a 4-gang flush-mountable user station with four channels over two displays with shift pages designed to be used with the HMS-4X main station. HelixNet™ is a fully networked partyline intercom, supporting up to 24 channels and independent Program Audio over XLR, LAN or WAN. This innovative front panel user station provides two keysets assignable to any intercom channel to each of the user can toggle between for a total of four channels. The station's displays can be swiveled for optimal viewing angle. The user station is provided with a headset connection, gooseneck mic connector, loudspeaker and Program Audio level controls. HKB-2X can be mounted in a standard 4-gang electrical enclosure or the optional S-MOUNT multipurpose enclosure for portable and desktop applications.



**CLCM-HKB-2X • Your Price \$1695.00**

## **ClearCom KB-702GM Encore Intercom System Flush Mount Remote Speaker Station**

The ClearCom KB-702GM is a two-channel intercom system speaker station with a gooseneck mic input and VOX circuitry. Ideal for theater, live performances, industrial applications, and small TV facilities this remote speaker station allows you to select between two channels of party-line communications, with the ability to talk and/or listen on the selected channel. The user can listen via the integral speaker or may use a headset or telephone-style handset - and can talk via a headset mic, a telephone handset, or a push-to-talk microphone.



**CC-KB702GM • Your Price \$655.00**

**NEW**


## Eartec EVADE Full Duplex, Dual Channel Intercom Systems

Eartec EVADE's are a new generation of full duplex team intercoms designed for professional crews that require crystal clear, hands free communication. A complete EVADE system allows up to nine users to talk simultaneously within a 1/2 mile range (line of sight) enhancing coordination and productivity.

**1/2 Mile Performance!**


- Excellent performance - Range up to 1/2 mile
- Radio installed inside earcup, no wires or belt packs
- Li-Poly Batteries - Provide continuous 8 hr operation and are field replaceable
- Auto Mute Boom - Mute when in UP position

- Volume Control - Simple up / down push button adjustment
- Sealed for use outdoors in inclement conditions
- Field Programmable - Start small and add to your system as needed
- Systems below include headsets, batteries, charger & carrying case

Model	# Users	Ear Muff Type	Your Price
EAR-EVX2S	2	Single-Ear	\$825.00
EAR-EVX2D	2	Dual-Ear	\$935.00
EAR-EVX3S	3	Single-Ear	\$1230.00
EAR-EVX3D	3	Dual-Ear	\$1395.00
EAR-EVX4S	4	Single-Ear	\$1625.00
EAR-EVX4D	4	Dual-Ear	\$1845.00
EAR-EVX422	4	2 Single/ 2 Dual	\$1735.00
EAR-EVX6S	6	Single-Ear	\$2555.00
EAR-EVX6D	6	Dual-Ear	\$2885.00
EAR-EVX8S	8	Single-Ear	\$3345.00
EAR-EVX8D	8	Dual-Ear	\$3785.00
EAR-EVX844	8	4 Single / 4 Dual	\$3565.00
EAR-EVX9S	9	Single-Ear	\$3740.00
EAR-EVX9D	9	Dual-Ear	\$4235.00

## Eartec ULSR-HD Single Muff Ultralite HD Remote Headset



- Full-duplex / simultaneous talk wireless communication • Expandable to up to 5 users without a hub
- No license, base station, wires or belt packs required • Simple operation - just turn the headset "ON" and talk
- Wear ear cup on the left or right ear • Range up to 300 meters (open air line of sight - remotes from the master)
- Microphone Boom • Swivels 270 degrees • Available with double or single headset
- Auto mute - when microphone is in the UP position • Light and comfortable • Long battery life

**EAR-ULSR-HD • Your Price \$175.00**

## Eartec ULSM HD UltraLITE HD Single Ear Main Headset

The Eartec ULSM-HD is a Deluxe Padded Single Ear-cup Design UltraLITE HD Headset

- Full Duplex • Hands Free
- Headsets Mic Boom Swivels 270°
- Wear on Left or Right
- Mic mutes when boom is in UP position
- Includes Battery

**EAR-ULSM-HD • Your Price \$175.00**

## Eartec UltraLITE Intercom Systems

Wireless Intercom system for use in mobile video production, field production, live sports, theater sets & sounds stages. The lightweight (4 oz) yet solid construction of system headsets allows for hours of comfortable use and with a 6 hour battery life there's no need to worry about getting cut off during that critical take or cue.

- Links 2, 3 or 4 Users • Self Contained - No Base Stations or Belt packs
- Auto-Mute - Mic Boom Swivels 270 Degrees Up for Shutoff
- Wear on Left or Right
- Field Programmable - Start with just a Pair & Add More Later
- 6-Hour Rechargeable Lithium Batteries Change in Seconds
- Silicone Sealed On/Off & Volume Controls
- Lightweight - Just 4 Oz.

**EAR-UL2S • 2 Person System • Your Price \$385.00**
**EAR-UL4S • 4 Person System • Your Price \$735.00**


## Eartec UL523 UltraLITE 5 Person Intercom System with 2 Single & 3 Double Headsets



Eartec's UltraLITE are engineered to perfection, built with precision and excel in performance. These revolutionary wireless headsets allow users to talk simultaneously in full duplex mode without a base station. To operate UltraLITE intercoms simply turn the headsets "ON" and talk. All electronics, including transceiver, antenna and rechargeable lithium battery, are installed right inside the ear cup. The UltraLITE Custom series listed below all include a combination of Single and Double ear headsets. They come ready to operate right out of the box without frequency coordination or FCC licensing. Li Poly batteries and Multi-Charger also included with every new system.

**EAR-UL523 • Your Price \$980.00**


## Eartec MO4XLR/F Monarch 4 PIN XLR Female Wired Intercom Headset

The Eartec MO4XLR/F Monarch Plug-In Headset with 4 PIN Female XLR. Customers that require industrial headsets that are comfortable to wear have to look no further than the Monarch. These lightweight headsets are manufactured with BPT, the same plastic material used to make automobile bumpers and are built for the rough and tumble world of everyday industrial environments.

**EAR-MO4XLR/F • Your Price \$95.00**

## Eartec Max 4G Single Muff Intercom Headset with 4 Pin XLR Female Connector

The MAX4G 4 XLR Headset is a tremendous accessory to your wireless system. Available in single or double ear models, these mid-weight headsets feature a fully adjustable headband and deluxe foam padding to ensure a firm, comfortable fit. The boom arm rotates 270 Degrees and when set in the UP position automatically mutes the microphone gain.

- Type: over ear • Microphone Type: Dynamic
- Mic Frequency Response: 20 KHz • Impedance: 32 Ohms

**EAR-MXS4XLR-F • Your Price \$86.45**






**RTS** Intercom Systems

**OMNEO**

## RTS OMS OMNEO Main Station Advanced Digital Partyline Intercom Base



**RTS** The RTS OMNEO MAIN STATION (OMS) Advanced Digital Partyline with 4-Pin Male headset connector is the core component of the RTS Digital Partyline intercom system. It supports 40 OMNEO devices, ROAMEO support, 4 ports of analog 2-Wire, 2 program inputs, 1 stage announce, 4 GPI/ 4 Relays, 16 conferences, 4 ports of analog 4-wire AIO ports, 8 tielines, 8 keypanel capacity, Fiber support and 4 ports of RVON. This communications multi-tool is designed to bridge all standards and formats interconnecting both wired/wireless and IP/digital/analog devices. Full TCP/IP connectivity is supported for a wide range of customers including theaters, houses of worship, broadcast, AV rental, industrial facilities and entertainment/event venues..

**RTS-OMS-ADIG-4M • Reg. \$8454.00 Your Price \$7246.00**

## RTS OMNEO DBP 5-Pin XLR Female Digital Partyline Beltpack w/ PoE Over etherCON



The RTS DBP is a four-channel/four-button wired beltpack that runs on PoE+ (Power over Ethernet 802.3af and 802.3at) and connects using OMNEO IP technology. Its unique hybrid design supports both digital partyline and matrix keypanel modes: for use as a digital partyline device, DBP connects to an OMS; for use as a portable keypanel, including functionality like point-to-point communication, DBP can be connected to any RTS digital/IP matrix product using OMNEO - including OMI cards in ADAM/ADAM-M frames or OMNEO ports on ODIN frames. DBP automatically selects the correct mode of operation (digital partyline/OMS or keypanel/matrix) when connected and switched on.

**RTS-BP6000-A4M • Reg. \$505.00 Your Price \$455.00**

## RTS Headsets

- Connector Options: A4F, A4M, Dual 3.5mm, A5M, 3.5mm 4-conductor
- Cord Flexibility: Coiled or straight
- Cord Length: 6 ft (1.8288 m)
- Impedance: 300 Ohm
- Microphone Impedance: 200 Ohm
- Microphone Sensitivity: -65 dBV/Pa
- Microphone Type: Dynamic Noise-Canceling
- Sides: Single-Sided

**PH-88 • A4F XLR Female • Reg. \$254.00 Your Price \$229.00**

**PH-88R5 • 5pin Male XLR • Reg. \$254.00 Your Price \$229.00**

**PH-8R • 4 Pin Male XLR • Reg. \$254.00 Your Price \$229.00**

## RTS KP5032PBA5F Push Button Key Panel



**NEW!**

The KP5032PBA5F keypanel deliver superior high-quality digital audio using the Bosch-branded OMNEO technology with Dante by Audinate audio over IP via either copper or fiber. The KP-5032 models deliver top-notch audio, free of noise, delay, and other artifacts present in older technology. This family of keypanels includes a rich set of connectors as standard, including GPIO and RC. The KP-5032 keypanel utilize the latest generation of wide angle TFT displays providing superior clarity, resolution, and longer display life, delivering high-quality readability under a variety of lighting conditions.

- Backward compatible with older technologies such as analog audio in USOC and 568-B connector formats
- Field swappable front panel headset connector
- New wide-angle high-definition display

**RTS-KP5032PBA5F • Your Price \$5146.00**

## RTS BP6000 2-Channel Universal Beltpack with 4-pin Male XLR Headset Connector

- Voice prompts for simplified configuration • Remote Mic Kill turns off all active microphones, reducing background noise.
- Programmable TALK Button, (Always) On, (Always) Off, Switched, or Momentary. • Mode-sensing System Configuration • Updated design for modern, sleek appearance
- Reduced current draw allows for more beltacks being powered by the power supply • Auto-sensing headset inputs, electret or dynamic
- Uses a 6-pin Switchcraft connectors for line and loop connections.

**RTS-BP6000-A4M • Reg. \$505.00 Your Price \$455.00**

## RTS Single-Sided Headset Dynamic Mic XLR 5-Pin Male Connector

The LH-300 headset is a super lightweight, single-sided headset for the ultimate in day-long comfort. It features high-quality, dynamic earphones with a noise-cancelling microphone with a semi-rigid, fully adjustable boom for precise positioning on right or left-side.

**RTS-LH-300-DMA5M • Reg. \$240.00 Your Price \$216.00**





All Hollyland's technological advancements and innovations are driven by great passion, perseverance, and an open culture that encourages curiosity and ingenuity. By putting customers at the center of everything we do, we are constantly inspired and actively work on finding new ways that better solve problems and adapt to customers' needs in this ever-changing world.

Founded in 2013, with years of dedicated R&D and experiences in wireless technologies and applications, the Hollyland brand has won recognition and trust by global customers for our persistent pursuit of excellence and quality.

### Hollyland SOLIDCOM C1-8S Full Duplex Wireless Intercom System with 8 Headsets and Hub



The Solidcom C1 full-duplex wireless intercom headset system, adopting the advanced DECT 6.0 technology, is Hollyland's first true wireless and self-contained headset communication solution with exceptional sound clarity. The system operates in the 1.9GHz band, providing a reliable transmission range up to 1000ft (350m) radius (LOS).

- True Wireless Self-contained Headset Communication Solution
- With no belt pack or base station, it offers a highly portable and hands-free coordinating experience for media production teams or any team looking for real-time non-blocking voice communication in socially distanced working scenarios.
- DECT 6.0 with Encryption Technology • Wideband Audio Quality from 100Hz to 7KHz
- Reliable Transmission in 1.9GHz Frequency • Up to 1000ft Radius Communication
- Portable & Handsfree with no Belt-pack or Base station

Transmission Range: 350m (1000ft) Line-of-Sight | Frequency band: 1.9GHz DECT (varies by country and region) | Modulation mode: GFSK | Transmit power: <21dBm (125.9mW) (varies by country and region)

**HL-SOLIDCOMC1-4S • 4 headsets • Your Price \$999.00**

**HL-SOLIDCOMC1-8S • 8 headsets • Your Price \$1949.00**

### Hollyland SYSCOM 421S 1800 Foot Range SDI/HDMI Wireless Video/Audio Transmission System



Hollyland SYSCOM 421S is the wireless HD Video transmission system which can achieve 4 transmitters on the same RF Channel with strong anti-interference capability.

- 1800ft Transmission Range
- The Lowest Achievable Latency without Interference is under 0.1s
- 5.1-5.9 GHz Band Width, Supports Frequency Configuration for Different Territories
- Support Wireless Tally and RS485/RS422 Control
- Stable & Reliable Industrial Metal Case

**HL-SYSCOM-421STX • Transmitter Only • Your Price \$1399.00**

**HL-SYSCOM421S2T1 • 2 transmitters 1 receivers • Your Price \$3999.00**

**HL-SYSCOM-421S • 4 transmitters 1 receivers • Your Price \$6599.00**

### Hollyland SOLIDCOM M1 1.9GHz Full Duplex Wireless Intercom System



With major technical breakthrough, Hollyland is proud to present you a whole new series of full-duplex wireless intercoms - Solidcom. As the first member of this series, the Solidcom M1 with 8 belt-packs is a go-to choice for micro-mid events with a capacity from 100 to 1000 guests, including church events, electronic field productions, exhibitions, concerts, etc.

For the first time in the industry, an integrated panel antenna is inserted into the base station. Besides, Solidcom M1 is also equipped with a pair of external FRP antennas. Combining these 2 antenna options, Solidcom M1 significantly improves on-site work efficiency and flexibility, and prolongs transmission range to a great extent.

- Carrier-Grade Voice Quality, up to 450 Meters Line-of-Sight Usage Distance
- 1.9GHz Frequency, Support Frequency Configuration in Different Regions
- Automatically Switching between External Omnidirectional Fiberglass Antenna and In-Built Panel Antenna
- Full-Duplex Wireless Communicating
- The Station Supports up to 8 Belt-packs to Talk at the Same Time. Station, App and Webserver Configuration Upgrade supported
- Belt-pack Supports Simultaneous Calls in 3 Groups
- The Station Supports Cascading or Connecting with the 2/4 Wire Audio Systems

**HL-SOLIDCOMM1-4B • 4 Belt-packs - 200Hz to 7KHz • Your Price \$4299.00**

**HL-SOLIDCOMM1-8B • 8 Belt-packs - 200Hz to 7KHz • Your Price \$6999.00**

### Hollyland HL-2/4 WIRE CONVERTER with Echo Processing for Intercom Systems



The Hollyland HL-2/4 WIRE CONVERTER is a 2-wire to 4-wire converter that can be used to connect 2-wire intercom systems with a variety of 4-wire intercom systems,

just like a bridge. The converter can be powered by and internal intercom system so there is no need for additional power supply. It provides low noise and distortion, good frequency response and support Auto Nulling. Users can easily operate the input and output gain, and the converter contains 6-segment LEDs level offer a direct indication.

3 Pin XLR Female 2-Wire Interface | 3 Pin XLR Male 2-Wire Interface | 3 Pin XLR Female 4-Wire Input Interface | 3 Pin XLR Male 4-Wire Output Interface | USB Type-C Interface

**HL-24WIRECONVERT • Your Price \$499.00**







## Solidcom C1 Pro

9-person Noise Cancelling Intercom System



Dual-Mic Enc



150Hz-7kHz  
Wideband Audio



Three-System  
Cascaded Connection



Increased Portability  
and Durability



## SOLIDCOM M1

FULL DUPLEX WIRELESS INTERCOM



Up to 1300 Foot  
(400 meter) Radius



Multi-Device  
Cascade Connection



Removable  
Li-ion Batteries



1.9GHz Frequency

Hollyland is one of the fastest-growing wireless technology companies in the global content production market. Since 2013, the brand has grown to be recognized as a leading provider of premium wireless products. The product portfolio includes video transmission systems, cameras, monitors, wireless microphones, and wireless intercom systems that feature a compact design with reliable performance.



America's Broadcast Supply House.®



## Audio Implements 655B IFB Monitor Amplifier with Built-in Microphone / Dialer and Sliding Battery Drawer

- Built in microphone and defeatable ringer for incoming calls • Separate RJ-11 Jack for telephone line input
- Balanced input 600 ohms, female XLR-3 connector wet or dry input or telephone • Powered by 9V alkaline battery or regulated external AC Adaptor • Low Battery warning light • Diode protected circuit polarity • Thermally protected transformer • Total quiescent current 10mA • Adjustable gain control for the line output to max +2db • Key Pad with 25 number memory-30 digits each

**655B • Your Price \$500.00**



## Sescom Wet to Dry Line XLR Adapter Barrel for Intercom Systems

The Sescom XLR LINE DRYER offers a simple means to remove DC voltage from a wired intercom system feed in order to connect it with audio mixers. This wet to dry XLR adapter is built using a rugged housing design that easily couples inline between two cables. The LINE DRYER is a great solution to connect talent IFB to trucks and OB production unit audio while ensuring your equipment stays safe.

**SES-LINE-DRYER • Your Price \$34.95**

**SESCOM®**  
The Audio Source.



## Audio Implements Universal Audio Clarifier

Audio Implements 160-OCTS-U is an on-camera audioclarifier with ear tips, coiled acoustic tube and single receiver clip for either right or left ear. The On-Camera Audioclarifier with assorted ear tips is mostly used for guest talent.

**AI-160-OCTS-U • Reg. \$50.00 Your Price \$38.49**



## Audio Implements Audio Clarifier with Ear Tips and Single Receiver - Tinted

The 160T On-Camera Audio clarifier with ear tips, coiled acoustic tube and single receiver clip for the either ear.

**AI-160T • Reg. \$45.00 Your Price \$35.00**

## Voice Technologies 125 Ohm Transparent Acoustic Tube



The Voice Technologies VT610 is designed for inconspicuous listening requirements of newscasters, security professionals, stage performers and other talent requiring discreet cueing. The earphone has a standard, typical size 32 or 125 Ohm driver. In combination with a coiled acoustic tube the sound is directed into the ear canal. This method reduces the ingress of ambient noise.

**VT-VT610TC125 • Your Price \$79.00**

## Clear-Com On-Camera IFB Ear Set with 3.5mm Mini-Jack

**CLCM-CC-010A**  
**Your Price \$84.15**



The Clear-Com CC-010 is single-ear, listen-only earset created for use with IFB systems either behind or in front of the camera. Discreet and lightweight, the Clear-Com CC-010A single-ear, listen-only IFB earset includes an audio driver, ear tips, coiled acoustic eartube with clothing clip, and a 5 ft cable with 1/8 inch straight mini-jack connector. Extremely efficient miniature driver element requires only nominal operating power.

## Studio Technologies Model 2A IFB Plus Series Central Controller



**STUDIO TECHNOLOGIES INC.**

The Studio Technologies IFB Plus Series Model 2A Central Controller is a highly integrated, 2-channel IFB (interruptible foldback) unit. It is the main component of the IFB Plus Series which is expressly designed to provide talent cueing for ENG, SNG, OB, and mobile production facilities. It can also find use in fixed installations that need a compact but feature-rich stand-alone IFB system. Only after extensive polling of field production and engineering personnel was the Model 2A's feature group established. We think you'll find it to be a great addition to your facility.

Features include multiple program inputs, telephone interfaces, voice-operated (VOX) interrupt, level meters, monitor amplifier output, and an internal interrupt microphone. In addition, up to four Model 22 or Model 24 Access Stations can be connected to a Model 2A, allowing producer or director positions to access the IFB channels.

**ST-MODEL2A • Reg. \$2050.00 Your Price \$1795.00**

## Studio Technologies Model 34 IFB Plus Talent Amplifier

The Model 34 is intended for use by on-air broadcast and production support personnel. The unit provides two user-accessible rotary level controls and an output mode switch.



The switch is used to select how the one or two audio input sources are routed to the connected earpiece or headset. In the switch's stereo position input channel 1 (XLR pin 2) is sent to the left output channel while input 2 (XLR pin 3) is sent to the right output channel. The two controls allow the left and right output levels to be independently set.

**ST-MODEL34 • Your Price \$196.88**

**STUDIO TECHNOLOGIES INC.**

## Studio Technologies Model 32A IFB Plus Series Talent Amplifier

The Model 32A Talent Amplifier is a self-contained listen-only "belt-pack" unit intended for use by on-air talent or production personnel. It's directly compatible with the Studio Technologies' Model 2 Central Controller as well as other standard IFB or party-line intercom circuits. The Model 32A is powered by, and receives audio from, the connected IFB or intercom circuit. A single 3-conductor microphone-type cable links the Model 2's talent amplifier output with the Model 32A's input. Each Model 32A contains both a male and a female 3-pin XLR-type connector, allowing simple "loop-through" connection of multiple units. Up to four talent amplifiers can be connected to, and powered by, a single Model 2 Central Controller.



**ST-32A • Reg. \$190.00 Your Price \$189.00**

**STUDIO TECHNOLOGIES INC.**

## ClearCom Monaural Program Interrupt/IFB Talent Receiver

The TR-50 Talent Receiver is a mini belt pack with a volume control, earphone, earphone jack and a clip for attaching it to a belt or under a desk. Talent receivers let the talent hear program and cues coming from the IFB Electronics. The TR-50 contains an earphone amplifier to increase the signal from the IFB system to the earphone. Monaural IFB Talent Receiver 1/8" Mini Jack Includes TS-1. An amplified single-channel talent beltpack with volume control. It connects to the Program Interrupt controller with standard microphone cable. Mini earphone jack output. Includes talent ear set.



**CC-TR50 • Your Price \$290.00**

**Clear-Com®**





## RTS Complete Ear-sets with Coiled Acoustic Tube



**RTS**

The popular RTS ear-sets are precisely designed for inconspicuous listening while on camera. Used by nearly all major television networks and stations, we have surpassed industry expectations. The extremely efficient miniature driver element requires only nominal operating power and enables the announcer to hear program cues while working with a live microphone. The units are also suitable for many other applications such as live theater script prompting. Complete earset - includes RTV-04, CMT-98, ET-4. 125 Ohm, 5' cord, & 3.5mm plug. Color: Grey

**CES-1 • Receiver Kit • Reg. \$107.00 Your Price \$97.00**

**CES-2 • Complete Earset • Reg. \$107.00 Your Price \$97.00**

## Lectrosonics IFBR1B-B1 UHF Multi-Frequency Belt-Pack IFB Receiver



**LECTROSONICS**

- Stores up to 10 frequency presets in memory
- LCD interface for programming and operation
- High sensitivity for extended operating range indoors or outdoors
- USB port for firmware updates
- Compact, rugged machined aluminum housing
- 8+ hours battery life with removable LB-50 Li-ion

**LEC-IFBR1B-B1 • Reg. \$1150.00 Your Price \$829.00**

## Lectrosonics IFBT4-VHF Frequency-Agile Compact IFB Transmitter - Base Station Type - VHF 174-216 MHz



**LECTROSONICS**

The Lectrosonics IFBT4-VHF transmitter was designed for use in broadcast, motion picture, theater, and stage applications where extended operating range and high quality audio are essential. The transmitter can be used as a stand-alone device or patched directly into popular intercom systems.

- Digital Hybrid Wireless technology Microprocessor controlled operation
- 50 mW power output for long range use
- Pilot tone squelch control • Multi-use XLR input jack
- Built-in microphone preamp • DIP switch programmable intercom input
- Tx mute for frequency scrolling • Multi-function LCD display

**LEC-IFBT4-VHF • Reg. \$1669.00 Your Price \$1178.00**

## Lectrosonics IFBR1B-VHF UHF Multi-Frequency Belt-Pack IFB Receiver



**LECTROSONICS**

Wireless IFB (interruptible fold back) systems are used for talent cueing and crew communications in broadcast and motion picture production.

- Stores up to 10 frequency presets in memory
- LCD interface for programming and operation
- High sensitivity for extended operating range indoors or outdoors
- USB port for firmware updates
- Compact, rugged machined aluminum housing
- 8+ hours battery life with removable LB-50 Li-ion

**LEC-IFBR1B-VHF • Reg. \$1150.00 Your Price \$829.00**

## RTS ET-4 Clear Coiled Acoustic Tube

These inconspicuous clear plastic tubes carry the sound effectively from a RTS Telethin receiver to the talent's ear without revealing the cord to the camera. The clear tubes are available in 3 versions. All connect easily to a Telex eartip, earcone or any size earmold and have a handy clothing clip to secure the system in place. Coiled acoustic eartube with clothing clip for use with earcones - comes with one each small, medium, and large earcones.

**ET-4 • Reg. \$40.10 Your Price \$36.00**

## RTS Coiled Eartube with Clip

The popular RTS ear-sets are precisely designed for inconspicuous listening while on camera. Used by nearly all major television networks and stations, we have surpassed industry expectations. The extremely efficient miniature driver element requires only nominal operating power and enables the announcer to hear program cues while working with a live microphone. The units are also suitable for many other applications such as live theater script prompting.

**ET-2 • Reg. \$40.10 Your Price \$36.00**

## RTS 125 Ohm On-Air Talent IFB Earpiece System

- Specially designed for inconspicuous listening while on camera
- Efficient miniature driver element requires only nominal operating power and enables announcer to hear program cues while working with a live microphone. EMV-2 system has a low impedance receiver and 5 foot neutral gray cable with 1/4" plug and plastic covered metal ear loop. EMY-2 has high impedance receiver and 5 foot neutral gray cable with 1/4" plug and plastic covered metal earloop
- All receivers snap into pliable earmolds which are available in small, medium and large for the left or right ear

**EMV-2 • Reg. \$54.80 Your Price \$49.00**

## Clear-Com TS-1 Monaural Talent Earphone

The Clear-Com TS-1 is a Monaural IFB Talent Earphone, plugs into TR-50 and wireless IFB receivers.

**CC-TS-1 • Your Price \$30.30**

## RTS In-Ear Receivers

The popular RTS earsets are precisely designed for inconspicuous listening while on camera. Used by nearly all major television networks and stations, we have surpassed industry expectations. The extremely efficient miniature driver element requires only nominal operating power and enables the announcer to hear program cues while working with a live microphone. The units are also suitable for many other applications such as live theater script prompting.

**RTR-04 • 15 Ohm • Reg. \$34.20 Your Price \$31.00**

**RTV-04 • 125 Ohm • Reg. \$36.50 Your Price \$33.00**

**RTW-04 • 500 Ohm • Reg. \$32.90 Your Price \$30.00**

**RTX-04 • 1000 Ohm • Reg. \$32.90 Your Price \$30.00**

## Studio Technologies Model 374A Dante 4 Channel Beltpack

**HOT!**



- Dante audio-over-Ethernet technology
- Four independent talk and listen channels
- Supports dynamic and electric microphones
- 5-pin female XLR headset connector
- Configurable operating modes

**STUDIO TECHNOLOGIES INC.**

- Excellent audio quality
- Uses STcontroller for configuration

**ST-MODEL-374A • Your Price \$655.00**

## Studio Technologies MODEL 381 On-Air Beltpack

**HOT!**



- Dante audio-over-Ethernet technology
- Creates complete "stand-up" on-air position
- One main and one talkback output channel • Excellent audio quality
- Highly-flexible 2-channel headphone output
- Integrated side-tone function

**STUDIO TECHNOLOGIES INC.**

**STCH-MODEL-381 • Your Price \$679.00**

## Studio Technologies Model 209 Talent Console



**STUDIO TECHNOLOGIES INC.**

The Model 209 incorporates a high-performance microphone preamplifier with P48 power and robust stereo headphone output to support announcers and commentators where Dante audio-over-Ethernet technology is utilized. Features include main and talkback audio output channels, two audio input channels, general-purpose inputs (GPI), and 12 volts DC tally outputs. Configured using the STcontroller application and supports remote control using personal computer API.

**STCH-M209 • Your Price \$895.00**

## Studio Technologies Model 370A Intercom Beltpack: Two Channels - 5-Pin Female Headset Connector



**STUDIO TECHNOLOGIES INC.**

- Dante audio-over-Ethernet technology
- Two independent talk and listen channels
- Integrated call function
- 5-pin female XLR headset connector
- Excellent audio quality
- Uses STcontroller for configuration

• AES67 and Dante Domain Manager™ support  
**ST-MODEL-370A • Your Price \$525.00**

## Studio Technologies Dante Compatible Announcers Console



**STUDIO TECHNOLOGIES INC.**

- Dante audio-over-Ethernet technology
- Digital audio and direct-microphone outputs
- One main and two talkback output channels
- Highly-flexible 2-channel headphone output
- Compact unit supports one on-air location
- Power-over-Ethernet (PoE) powered

**STCH-MODEL-205 • Your Price \$879.00**

## Studio Technologies Model 545DR Dante Intercom Interface for 2-channel Party-line (PL) Intercom Circuit

The Studio Technologies Model 545DR is designed for applications that utilize 2-channel party-line (PL) intercom circuits. Dante audio-over-Ethernet media networking technology is used to transport the two send and two receive audio channels. Two Model 545DR units can interconnect by way of an Ethernet network. Alternately, a Model 545DR can interconnect with other devices such as matrix intercom systems, DSP processors, and audio consoles.

**ST-MODEL-545DR • Reg. \$1475.00 Your Price \$1379.00**



**STUDIO TECHNOLOGIES INC.**

## Studio Technologies Model 545DC Dante to 2-Channel Party Line Intercom Interface

The Model 545DC directly supports both analog party-line (PL) and Dante, providing excellent performance in both domains. Single-channel analog partyline (PL) products from Clear-Com® are directly compatible with the Model 545DC. The Model 545DC's two hybrid circuits with automatic nulling action provide good separation of send and receive audio with high return loss and excellent audio quality. The Model 545DC's digital audio signals are compatible with all equipment that utilizes Dante technology.



**STUDIO TECHNOLOGIES INC.**

**STCH-M545DC • Your Price \$1575.00**

## Studio Technologies Model 362A 2 Channel Listen-Only Beltpack

**NEW!**

The Model 362A Listen-Only Beltpack is a self-contained 2-channel user device that supports headphone monitoring of two audio channels associated with the Dante audio-over-Ethernet media networking technology. Each Model 362A is intended to be used by one user, providing them with the form factor, reliability, and features needed to be effective in a variety of applications. It's expected that most applications will use multiple Model 362A units to support the individual audio monitoring needs of a group of users.

**STCH-M362A • Reg. \$395.00 Your Price \$345.00**



**STUDIO TECHNOLOGIES INC.**

## Studio Technologies MODEL 5304 Dante-Compatible Intercom Station

**NEW!**

The Model 5304 Intercom Station provides four independent talk and listen channels that are compatible with Dante® audio-over-Ethernet networks. An extensive range of configurable parameters allow the performance to be optimized for numerous intercom applications. The unit is designed to serve as a user station for production and support personnel in applications including on-air television broadcasting, live events, theater, industrial, aerospace, house of worship, and corporate AV.

**STCH-M5304 • Reg. \$995.00 Your Price \$929.00**



**STUDIO TECHNOLOGIES INC.**

## Studio Technologies Model 348 Intercom Station

The Model 348's channels can be part of virtual "party-lines" created with other compatible devices or be used directly in point-to-point intercom implementations. The range of resources makes it simple to use the Model 348 locally, or as part of a REMI or "At-Home" geographically diverse implementation. In addition to intercom applications, the unit can create multiple independent IFB (talent cue) channels. Other applications may benefit from the Model 348 user's ability to easily create monitor mixes from the eight input audio channels.

**STCH-MODEL-348 • Reg. \$1795.00 Your Price \$1579.00**



**HOT!**





NEW!



### IDX SB-U98-PD Extra High Capacity 14.4V 6600mAh Li-Ion Battery with D-Tap & USB for Sony BP-U Mount Cameras

IDX pioneered the USB port on batteries. We continue to address emerging needs with the addition of the USB-C port on the new SB-U50-PD and SB-U98-PD. Recognizing the advancement of USB-C and the added benefits it offers for two-way power delivery, this is compatible with the new, small and light UC-PD1 and UC-PD2 for easy charging on the go. It is compatible with Sony BP-U Mount Cameras, such as PXW-FX9/6, FS7/FS5, and PXW/PMW-series cameras. It has improved accuracy of battery remaining data in the viewfinder of SONY cameras.

IDX-SB-U98-PD • Your Price \$220.00

I.D.



### Anton Bauer Dionic XT 90 Lithium Ion Battery 14.1 Volts 99Wh - Gold Mount

The Anton Bauer Dionic XT 90GM is a 14.1 Volt 99 Wh Dionic XT 90 Gold Mount Lithium Ion Battery. The Dionic XT battery series is a powerful and durable Li-ion solution in a compact, robust design to complement cine-style cameras like the ALEXA MINI, RED WEAPON and Blackmagic URSA Mini. Capacity: 99Wh Nominal | Height: 5.1 inches (13 cm). Depth: 2.1 inches (5.5 cm) | Width: 3.8 inches (9.7 cm). Weight: 1.76 lbs (0.8 kg).

AB-DIONIC-XT90GM • Reg. \$630.00

Your Price \$598.50

ANTON BAUER

### Anton Bauer Titon Li-Ion Camera Batteries - 14.4v - Gold Mount



The Titon battery series is a powerful and durable Li-ion power solution for the broadcast space and aspiring filmmakers, complementing cameras including Red, Panasonic, Sony, Blackmagic, ARRI and Canon. Compatible with your way of working. Available in Gold Mount and V-Mount options • Power for your camera, LED lights and everything else. P-TAP and High Speed USB • Knowledge is power, know your runtime down to the minute: On-board LCD screen or viewfinder display

ANTON BAUER

AB-TITON-150-GM • 156Wh • Reg. \$620.00 Your Price \$589.00

AB-TITON-90-GM • 92Wh • Reg. \$420.00 Your Price \$399.00

### Anton Bauer 8675-0163 Titon Micro 45 Gold Mount Battery



When size and weight is critical, but power is paramount Titon Micro 45 8675-0163 delivers the extended power you need to run cine cameras and mirrorless systems for hours in the smallest ever 14.4V battery from Anton Bauer. With a consistently reliable 10A continuous current. Titon Micro displays battery status with a simple button tap on the built-in intelligent 5-step LED fuel gauge.

AB-8675-0163 • Reg. \$299.00 Your Price \$284.05

### Blackmagic Design Compatible Li-Ion Rechargeable Battery

Blackmagicdesign

- The Blackmagic Design BATT-NPF570/ CAM 3500mAh Li-Ion NP-F570 Compatible Battery is a lithium-ion rechargeable battery for the Blackmagic Design Pocket Cinema Camera Battery Grip.
- 80W D-Tap to power accessories • Li-Ion NP-F570 Compatible Battery • Works with L-Series Battery Plates • Fits Black Magic Pocket Camera Battery Grip and 12G Monitors

BMD-BATT-NPF570 • Your Price \$55.00



### IDX DUO-C198P 193Wh High-Load Li-Ion V-Mount Battery

The ideal compact battery solution for digital cinema cameras and camera stabilizer systems where long runtimes are required.

With its ultra-robust 193Wh capacity and compact 2.4lb design, the DUO-C198P can provide mobile power to cine-style cameras such as the ARRI ALEXA Mini and RED Weapon effortlessly for extended periods at a time. The DUO-C198P also includes two built-in D-Taps and now features a USB-C port to power accessories as well as charge the battery.

IDX-DUO-C198P • Your Price \$399.00



### IDX SL-VBD96 7.2V Li-Ion Battery for Panasonic Cameras

IDX introduces two high-capacity 7.2V

Panasonic batteries alongside the release of Panasonic's new AG-DVX200 camcorder!

The high capacity SL-VBD64 and SL-VBD96 batteries house 6400mAh and 9600mAh of power respectively, providing extended runtimes for the AGDVX200, AJ-PX, and HC-X series camcorders! Both batteries come standard with a X-Tap and USB power ports to power camera accessories and USB devices.

IDX-SL-VBD96 • Your Price \$165.00



### Core SWX Helix Series Camera Batteries

Helix is the most complete on-board battery system ever offered to the cinematic industry. The system encompasses all the features of Hypercore, with the added function of dual 14v/28v\* simultaneous voltage output, answering the call for better designed and performing, on-board high voltage solutions. Leveraging a proprietary, patented technology, Helix is ultra-efficient, providing nearly lossless power transmission at a 99% efficiency rate to high voltage operating equipment.

CORE



CSW-HLX-150MXAG

3-stud camera battery pack with LCD/ptap/USB & 3-Stud with a 20A Max load • Your Price \$749.00

CSW-HLX-150MBX

147wh 3-Stud Camera Battery Pack with LCD/ptap/USB & B-Mount • Your Price \$749.00

CSW-HLX-150MXS

147wh 3-stud camera battery pack with LCD/ptap/USB & V-Mount with a 20A Max load • Your Price \$749.00

CSW-HLX-9MXAG

98wh 3-stud camera battery pack with LCD/ptap/USB & 3-Stud with a 20A Max load • Your Price \$599.00

### Core SWX NEO-150AG Mini Hypercore Lithium Ion Camera Battery- 3-Stud

The all new Core SWX Hypercore NEO 150AG is the most complete 147wh, 14v Lithium Ion battery pack on the market. Encompassing all the original features of the award winning Hypercore line, with additional features exclusive to NEO.

- Neo 16 Amp Peak with 12 Amp draw
- Through USB Neo packs are now firmware upgradeable
- View your battery vitals from mobile app or RFID reader • Backlit LCD

CSW-NEO-150AG • Your Price \$513.71



### Sony BP-U70 Lithium-ion Battery Pack - 72Wh

The Sony BP-U70 is a lithium-ion battery with a capacity of 72Wh that is designed for professional video shooting in both the field and studio. This battery communicates battery status data to the compatible camcorder viewfinders. It features a larger capacity than, and charges at the same time as, the previous-generation BP-U60.

SNY-BP-U70 • Your Price \$319.99





ARRI is a leading designer and manufacturer of camera and lighting systems for the film, broadcast, media, and entertainment industries, with a worldwide distribution and service network. The portfolio includes digital cameras, lenses, camera accessories, archive technologies, lamp heads, and lighting accessories. Along with offering exclusive technologies, ARRI Solutions offers high-quality virtual and traditional production infrastructure solutions and efficient, integrated workflows to a broad range of studio operators, producers, and enterprises.

In recognition of its innovative contributions to the film and television industries, ARRI has been honored with 19 scientific and technical awards from the Academy of Motion Picture Arts & Sciences and six Engineering Emmys from the Television Academy and the National Academy of Television Arts & Sciences.



#### ARRI Fresnel Series

The ARRI Fresnel series is ideal for use where compact, lightweight tungsten Fresnel spotlights are required, especially in small studios where grid height is a problem. Classic ARRI construction, using corrosion-resistant, extruded, die cast aluminum, maximizes body strength while maintaining the light weight of a location fixture. Despite the small size of ARRI Fresnels, their short focal length, wide angle lenses produce impressive light output and good light distribution over the full beam area.

- High quality lenses and reflectors for excellent optical performance

- Compact size and lightweight
- Easy and convenient operation
- Quick and easy service access
- Extensive range of accessories
- Robust construction of rust-resistant, extruded, die cast aluminium

**ARR-530106** • L1.79360.A150W Fresnel (120V) Gray • **Your Price \$422.00**

**ARR-531300** • L1.79200.A 300 Fresnel Light Head • **Your Price \$573.00**

**ARR-531600** • L1.79400.A Junior 650 Plus Tungsten Fresnel Light • **Your Price \$604.00**

**ARR-531602** • L1.79405.A 650W Fresnel Light with Stand Mount Black • **Your Price \$645.00**

#### Arri L10-C Color LED Fresnel Stand-Mount - Blue/Silver

- Fully Tuneable from 2,800 K - 10,000 K • Plus/Minusgreen correction
- Vibrant Color Selection (RGB+W Color Gamut) • Hue and Saturation Control
- High Color Rendering • Low Power Consumption (400 W Nominal)
- Fully Dimmable • True Fresnel Lens Light Characteristics
- Onboard DMX In and Out • RDM Implementation
- USB Mini Connection for Firmware Updates • Fan Mode Selection • powerCON TRUE1 Power Connector



**ARR-LO-0003381** • **Your Price \$6750.00**



#### ARRI Orbiter 60 Degree LED Light Set w/ Manual Yoke - Lens - Control Panel - Cables - Blue/Silver

ARRI L0.0038047 is an Orbiter 60° Open Face LED Light Set. It includes an Orbiter (without yoke and cable), manual yoke with spigot, powerCON TRUE1 TOP Edison mains cable with line switch, control panel (including carrying pouch, D-ring & lanyard), 5m cable for control panel, 60° Open Face optic single for Orbiter, and 4-leaf barndoor.

- Display: LCD
- Housing Material: Aluminum
- Number of LEDs: 190 (RGB)
- Expected Lamp Life: 50,000 Hours (L70)
- Power Input Connection: XLR 3-Pin, powerCON

This kit includes:

- 1x Orbiter without yoke and cable
- 1x Orbiter manual yoke with spigot

1x Mains cable, 7m, powerCON TRUE1 TOP Edison, with line switch, 1x Cable for Control Panel

1x Control Panel for Orbiter - incl. Carrying pouch, D-Ring, & Lanyard

1x Open Face Optic 60° Single for Orbiter, 1x 4-Leaf Barndoor (6.6"/168mm) for 30° and 60°

**ARR-L00038047** • **Your Price \$7675.00**

#### ARRI L0.0007063 SkyPanel S60-C Color Standard Diffusion Light Panel with Edison powerCON - Blue/Silver - Manual



The ARRI L0.0007063 SkyPanel S60 is the mid-range model of the SkyPanel, one of the most versatile and brightest soft lights on the market! Featuring a light aperture of 645 x 300 mm and accommodating the vast majority of applications, the S60 is available in fully color tuneable and remote phosphor versions. Unlike other tuneable fixtures, SkyPanel makes no sacrifice when it comes to light output. SkyPanel puts out a tremendous amount of light, in a soft and uniform beam field. Brighter than

a 2 kW tungsten soft light or a 6 kW tungsten space light, the SkyPanel S60 has more than enough light for most applications. In some cases the fixture can even compete with natural sunlight; at the same time, it is able to perform beautifully at lower light levels.

**ARR-L00007063** • **Your Price \$6820.00**



#### ARRI SkyPanel S30-C Color Diffusion Light Panel with Edison powerCON - Blue/Silver



The ARRI L0.0007711 SkyPanel S30 is the smallest, most portable version of the SkyPanel; half the length of the S60, it is perfect for on-the-go mobile applications. The S60 and the S30 are available in fully color tuneable and remote phosphor versions. Unlike other tuneable fixtures, SkyPanel makes no sacrifice when it comes to light output. SkyPanel puts out a tremendous amount of light, in a soft and uniform beam field. Brighter than a 1 kW tungsten soft light or a 3 kW tungsten space light, the SkyPanel S30 has more than enough light for most applications. At the same time, the lamphead is able to perform beautifully at lower light levels. This range of illumination and color gives users an unprecedented amount of control.

**ARR-L00007711** • **Your Price \$4900.00**





ARRI



ARRI

Orbiter

ILLUMINATION | RESHAPED

## Motion Picture

Orbiter's winning output and versatility makes it the perfect distant light fixture for motion picture use. The ability to throw light long distances with open face or projection optics while at the same time being able to serve as a soft light brings the flexibility needed on today's fast-paced film sets. Given its sleek ergonomics and intuitive user interface, the new control panel enables easy handling and control of the luminaire on the fly. The software features and connectivity make Orbiter the ultimate companion for dynamic lighting setups.



## Broadcast & Media

Broadcasters are always a step to move into their studios and on-to-air setups. Orbiter's projection optic will enable broadcasters to have extended, high-quality light in the studio. In combination with the Softbox, Orbiter is the perfect companion for studio lighting. The open face optic or projection optic provides either a directional output or a soft output, all at the same time. With its battery power, Orbiter can easily be used on the move. Further, the ARRI Solutions Group provides further lighting solutions for broadcast production infrastructures. One of the solutions is ARRI Lightbox, which has been developed as a powerful, visually intuitive, and easy-to-use tool to assist the smooth and efficient operation of contemporary studio facilities with both H-Base and DMX controlled lighting systems.







### Dracast LED Fresnel - Tungsten 3200K 200 (20W)

The performance of a high-output tungsten or hmi fresnel comes together with the advantages of LED technology in the Dracast LED FRESNEL Series. The Dracast Fresnel200 is a powerful, yet compact fixture that incorporates cutting-edge technology to provide all the benefits of LED lighting in the classic Fresnel design. This means that our fresnel series provides tremendous light output while using very little power and releasing very little heat.

- Daylight Color Balance: 3,200K
- 3" Fresnel Lens • 0-100% Dimming
- 15-60 Degree Adjustable Beam Angle

- Yoke with 5/8" Receiver • On-board dimmer knob

**DR-DRPL-FL200-T • Reg. \$399.00 Your Price \$349.00**

## DRACAST

### Dracast LED500 Plus Series Bi-Color LED Light V-Mount or Gold Mount Battery Plate

The build and features of the PLUS Series represent the feedback from hundreds of lighting professionals worldwide who have helped to make our best even better. Like the Pro and Studio Series from Dracast, the PLUS Series is available in three color temperature models: 3200K (Tungsten), 5600K (Daylight), and 3200K - 5600K (Variable CCT). All three versions deliver continuous 0 - 100% dimming and excellent color rendition across the color spectrum.



## DRACAST

**DR-PLLED500-BV-G • Reg. \$399.00 Your Price \$349.00**

### Elation UNI BAR Single DMX Channel Switch and Dimmer Pack



The Elation UNI BAR is a compact single DMX channel dimmer featuring 10 amps of maximum channel output, dimmer or switch pack modes, dimmer preset and limit settings, local HTP dimmer control, input for an optional analog HTP dimmer controller, power failure memory, 3pin DMX in/out

(5pin effective May 1, 2019), (2) Edison 3-prong outputs, 3-button control panel and LCD display, and can be easily mounted using standard truss clamps or couplers.

**ELAT-UNIBAR • Reg. \$140.00 Your Price \$112.00**

### ikan LBX5 Lyra Bi-Color Soft Panel Half x 1 Studio and Field LED Light with DMX



What's unique about a Lyra soft light is how it creates a nice, clean shadow. The Lyra Half x 1 soft light is equivalent to a 350-watt incandescent soft light. The soft light's bi-color adjustability ranges from 3200K-5600K and works well with any lighting production. Its brightness is consistent across all color temperatures. The 110-degree wide beam angle can easily light a large area by itself. The 30-degree yoke, baby 5/8" and junior 1 1/8" combo pin also allow you to configure or attach them to any stand.

**IKAN-LBX5 • Reg. \$539.99 Your Price \$499.99**

### Dracast DRKP1000B Kala Plus Series LED1000 Bi-Color Panel Light



The Kala Plus Series features an all-new updated design giving it a fresh, sleek look. The result is a lighter weight fixture with higher output and far more features than its predecessor. The Kala Plus Series is available in Bi-Color variable color temperature models as well as Full Spectrum RGB plus Bi-Color variable color temperature models.

Each Kala Plus panel light can be adjusted manually via the control panel on the back of the fixture, via DMX512, or by using the new free Dracast Kala Plus companion app. Kala Plus Series panels include a mounting yoke, v-mount battery plates, four way barndoors, and a removeable soft diffusion panel.

- App Remote Control • 0% - 100% Dimming • DMX512 Input and Output
- V-Mount Battery Plates • Full Spectrum RGB available on RGB models

**DR-DRKP1000B • Reg. \$599.00 Your Price \$499.00**

### Dracast LED1000 Pro Bi-Color 3-Light Studio Kit with V-Mount Battery Plates



The LED1000 Pro Bi-Color 3-Light Studio Kit with V-Mount Battery Plates from Dracast is a powerful, AC/DC solution for photographers and videographers in the studio or on the road. The kit includes three LED1000 Bi-Color LED Panels, three light stands with individual cases, three multi-voltage power supplies, a set of 4-way barndoors, and a filter frame and filter kit for each light.

**DR-DRSTUBV • Reg. \$2999.00 Your Price \$2499.00**

### Elation KL FRESNEL 6 CW 150 Watt 5600K Cool White LED 6-Inch Fresnel with Zoom/Gel Frame/Rotating Barn Doors



KL FRESNEL 6CW™ is a 150W 5,600K >97CRI Cool White LED fresnel, producing over 8,500 total lumen output. Features include manual and DMX control, 16° to 39° wide manual zoom, manual and DMX controlled dimmer and shutter, dimmer and zoom rotary dials, smooth 16-bit selectable dimming modes and curves, LED refresh rate frequency adjustment for flicker free operation for TV and FILM, removable barn doors (included), as well as RDM (remote device management) protocol support

**ELAT-KLF060 • Your Price \$960.00**



### Litepanels 935-1023 Astra 6X Bi-Color



- Premium selected LEDs paired with custom optics
- Flexible, modular concept
- Optional communications module allows the brightness, color temperature, and cooling mode to be controlled via DMX or Bluetooth
- Optional yoke mounted Gold Mount or V-Mount battery plates • Field replaceable fan module and external power supply
- Modern fixture design • Easily identifiable and ergonomic manual controls for dimming, color, and power status

**LPAN-935-1023 • Reg. \$1185.00 Your Price \$1125.75**





## Rosco Chroma Key Green Screen Paint - 1 Gallon



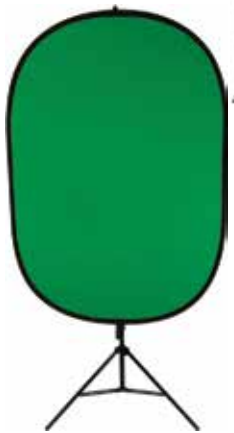
Rosco Chroma Key Paints have been formulated with the assistance of video technicians throughout the country. They are manufactured to provide the high luminance values and color saturation for keying effects. APPLICATION: Stir contents before use. Do not shake. Apply by brush, roller, or spray gun. Apply in thin, even, uniform coats, using a good quality brush or roller. Use overlapping strokes, keeping a wet edge. Change roller direction often to avoid patterns and streaking.

FILM THICKNESS: 2 mil. Dry Film.

COVERAGE: Appx 300 sq. ft. per gallon.

**RX5711 • Your Price \$131.25**

## On Stage Stands 14396 Green Screen Kit with Lighting Stand



**On-Stage Stands**

Replace the background of your visual content with the help of our VSM3000 Green Screen kit. The dual-sided cotton screen is green on one side and blue on the other, providing color-key options to adapt to your subject. The height-adjustable stand and mounting clip enable vertical or horizontal screen orientation. It's quick and easy to set up, giving you more time to produce great video. For efficient storage and transportation, the stand folds down and the screen includes a carry bag.

- 58" x 40" dual-sided portable backdrop screen, with green and blue color keys for flexible shooting options
- Includes lighting stand, mounting clip, and carry bag for screen
- High quality cotton material stretched tight to avoid excessive wrinkles and improper lighting reflections

- Lightweight and collapsible screen folds down into included carry bag

**OSS-VSM3000 • Reg. \$149.99 Your Price \$92.95**



## ikan HS-GS76 HomeStream 76-Inch Tall Portable Pull up Green Screen Chroma Key Green Screen

The ikan HomeStream™ HS-GS76 is a 76" Portable Pull Up Green Screen that is highly durable and an ultra-convenient pull-up green screen for use with photography, live-streaming, SFX compositing, interviews, etc. This green screen ensures pro-level chroma keying due to its wrinkle-free material, has an adjustable height reaching a maximum of 76", and is housed in an aluminum enclosure.

**IKAN-HS-GS76 • Reg. \$139.99**

**Your Price \$129.99**



## Rosco Blue/Green Chroma Floor 63 Inch width



Rosco's Chroma Floor (3005872663XX) solves the long-standing problem of repainting your studio floor for every shoot. Chroma Key Blue on one side and Chroma Key Green on the other make Chroma Floor an ideal addition to any studio. Precise color

matching with Rosco Chroma Key paints allows for seamless compositing. Fabric is 63 inches in width and sold by the Linear Foot.

**RSC-3005872663XX • Your Price \$27.00**



## Westcott Chroma Key Green Wrinkle-Resistant Video Backdrops



- Wrinkle-Resistant Fabric - Fabrics are constructed of a heavy-duty fabric that is wrinkle resistant. This is ideal for anyone doing on-location photography as the backdrop can be quickly pulled from any bag and set up instantly with no wrinkles.

- No Reflections - Due to the matte nature of this fabric, it is virtually reflection free making it a breeze to light.

- Easy Hanging - A 2" top rod pocket and grommets allow for easy hanging.

- Machine washable - This backdrop is machine washable on delicate cycle, cold water and tumble dry low. Please note due to the nature of the fabric, the backdrop may shrink slightly.

**WES-130 • 9x10 Foot, Green • Your Price \$84.90**

**WES-132 • 9x20 Foot, Green • Your Price \$149.90**

**WES-131 • 9x10 Foot, Blue • Your Price \$84.90**

## Westcott 620K X-Drop Wrinkle-Resistant Backdrop Neutral Gray Kit (5 Foot x 7 Foot)



Say goodbye to high-maintenance backdrops for good. The Westcott 620K is machine washable backdrops are truly wrinkle-resistant when stretched taut, allowing for a smooth, sweeping and seamless appearance.

Weighing under 3 pounds, the X-Drop Backdrop Stand is the lightest available on the market. It features a telescopic frame with a limited footprint, allowing for placement in even the smallest studios and locations.

The X-Drop's telescopic frame expands to 5' x 7' and locks into place. Backdrops attach to the X-Drop's hooks via built-in grommets. And you're finished! Complete backdrop setup in just seconds.

**WES-620K • Your Price \$119.90**

## Westcott 579SK X-Drop Wrinkle-Resistant Backdrop Kits

- Cost-effective backdrop system
- Includes lightweight stand, backdrop, and carry case
- Sweeps along floor for full-length portraits
- Telescoping arms and hooks for grommets
- Ideal Green Screen for photo and video
- Wrinkle-resistant and washable backdrop
- Includes 25 free green screen extractions using CloudKO Lite web-based software and plugin.

**WES-579K • Chroma-Key Green Kit 5x7 Foot**

**Your Price \$119.90**

**WES-579SK • Chroma-Key Green Sweep 5x12 Foot • Your Price \$139.90**



## Lastolite LL LB7622 Panoramic Background 13 Foot (4M) - Chromakey Green

The Lastolite LL LB7622 is a 13 foot chromakey green panoramic background. It features a collapsible three panel aluminium framework, creating a useful self-supporting wraparound structure. The fabric cover clips to the framework. The panoramic background is ideal for shooting larger groups on location, perfect for weddings, prom nights and event photography. The background folds down neatly into its own case and fits easily into a car.



**LAS-LB7622 • Your Price \$729.95**



**ikan iLED-MS Micro Spot On-Camera Light**

Lightweight and compact the ikan iLED-MS Micro Spot On-Camera light features a 30 Degree beam angle for a tighter beam at 3 ft. In addition, the dimmer control can be set from 10-100%. A shoe mount makes for easy attachment to any camera. The internal lithium-ion battery is good for 90 to 120 minutes and can be recharged using the 5V mini-USB cable (included).

Beam Angle: 30 Degree Beam Angle at 3ft | Build Material: Heavy Duty Plastic | Control: Dimming Knob | Cooling System: Passive | Fixture Size: 5 x 2 x 2 in. | Fixture Weight: 4.5

oz | Focusing: N/A | Head Type: Daylight 5600K | Lens: 30 Degree Lens | Light Source: 1 - 4 watt LED | Mount: Camera Mount | Power Supply: 5v @ 1A USB mini | Rating: 5v @ 1A

**IKAN-ILED-MS • Reg. \$34.99 Your Price \$29.99**

**ikan Onyx Bi-Color Aluminum On Camera LED Lights**

Fitted with 15W high quality LEDs, the OYB120 provides high brightness and sharp clarity for pictures. The Onyx 120 Bi-Color On-Camera Light's aluminum body gives it a perfect balance of being both durable and lightweight. The light fixture gives off minimal heat due to the aluminum frame which allows for excellent ventilation.

**IKAN-OYB120 • 5.6 x 3.7 x 0.75 in.**  
Reg. \$109.99 Your Price \$79.99

**IKAN-OYB240 • 11.1 x 3.7 x 0.75 in.**  
Reg. \$139.99 Your Price \$139.99

**Bescor Photon Mark 1 On-Camera Light Kit**

The Bescor XT160 Bi-Color LED On-Camera Light is a lightweight bright solution for portable on-camera lighting. Its 160 LEDs, 80 tungsten and 80 daylight, can be variably switched using the onboard dimming dials. A 12V power supply is included to power the XT160 using a mains connection. Alternatively, use the L-series battery bay on the rear of the light for powering on the go with the included NP-F battery. After the battery is depleted, use the included charger to replenish it. Diffusion and orange filters are included for adjusting the light's output, as is a shoe-mount ball head for securing the light to your camera.

**BES-XT160M1 • Reg. \$105.18 Your Price \$69.95**

**Swit S-2041i Chip Array LED 5600K/3200K Filter**

The S-2041 on-camera LED light adopts the new generation LED technology called Chip Array LED, which integrates the LEDs into a chip with high brightness output but in smaller size, and the most remarkable, it offers a equally spread, soft, glareless light, similar to the traditional Halogen bulb light.

- Chip Array LED technology • 100W equivalent output
- 60° wide beam angle, equally spread

- 5000K color temperature, 5600K and 3200K filter

**SWIT-S-20411 • Your Price \$225.00**

**SWIT®**

**Vidpro 330 LED Varicolor Ultra-Portable Light Kit**

- Ultra-Slim, lightweight and portable design - Only 14 oz • 330 High intensity LEDs produce a 175W equivalent light beam

- Adjustable step-less dimmer for 10-100% brightness control • Includes an AC Adapter for plug-in continuous power operation

- Includes a rechargeable battery (Sony F550 Type) & Battery Charger

- Variable color temperature control dial 3200K - 5600K

- HD wide angle (16:9) and standard (4:3) format compatible

Power: 25W, 8.4V (Sony F550/750/960) | Illumination: 2400 Lux /1 M | Color Temp: 5600K - 3200K Variable | Color Rendering Index: (CRI) >90 | Beam Angle: 70° Extra Wide | Unit Weight: (w/o Battery) 14oz | Dimensions: (cm) 18W x 12.5H x 3.50

**VDP-LED-330X • Your Price \$89.00**

**Gator 10-Inch LED Desktop Ring Light Stand with Phone Holder and Compact Weighted Base**

Gator GFW-RINGLIGHTDSKTP is a 10-inch LED desktop ring light stand with phone holder and compact weighted base. It has three color modes with 10 brightness levels: Cool, Neutral & Warm White (3200k, 4500k, 5500k) to help you create endless light positions for Podcasts, Broadcasts, Streaming, Content Creation, Photography, Videography. The 360-degree universal phone clamp with locking knob & gooseneck allows for portrait & landscape placement and the ball-and-socket head adapter enables 180-degree light angle adjustment with 1/4"-20 camera threads (male).

**GTR-RINGLIGHTDSK • Your Price \$29.99**

**Frezzi LCL-180 Pocket Light II (3200K - 5600K) Tuneable LED**

The Frezzi LCL-180 Pocket Light is smaller and more ruggedized made from a solid block of aluminum with high-output 96 CRI LEDs for perfect video as shown. The display indicates Color Temperature, Brightness Level, Run Time. Comes with a protective hard-case to keep everything safe when traveling. It's sleek recessed buttons prevent accidental pressing when packing. It also has a 1/4-20 side mounting hole for vertical or side mounting. The new reversible USB-Type C connector means never having to figure out which way to plug in the connector.

**FRZ-LCL-180 • Reg. \$210.00 Your Price \$178.50**

**Frezzi Cool LED Pro Light**

**5000K LEDCEX with Dual PT Connector**

- The Frezzi Pro Light is the new standard in professional camera lights. Based on the industry's leading camera light, the Frezzi Mini-Fill, it retains all of the renowned features and adds today's must needed capabilities.
- The Pro Light can be easily detached with the quick release feature. The low-profile base stays neatly wired to the camera body. The camera now fits neatly in camera bag.
- Pro Light's rugged aluminum articulating arm allows positioning at any desired height or forward location to avoid lens hood shadow.



**FRZ-PLPT-C • Your Price \$556.75**



## Sescom Triple-Sided Non-Flashing ON AIR Lights



**SESCOM** Deliver the professional touch to your broadcast video, radio or audio recording studio with the Sescom On-Air light. This warning light keeps potential interruptions clear as you broadcast live over the internet. The Sescom triple sided light is perfect for home studios, voiceover and podcasting. Made with an impact resistant housing, can be surface mounted over standard electrical junction boxes and is AC 110V operated. It includes a 25W red E26 incandescent bulb.

- White Shell with Red Lettering • Ceiling or Mount Hard-Wired
- One-piece, UV-stabilized Polycarbonate Lens • Medium Base Socket

**FSL-1 • On Air • Reg. \$79.95 Your Price \$68.95**

**FSL-2 • Stop/Recording • Reg. \$79.95 Your Price \$69.95**

**FSL-3 • Stop/In Session • Reg. \$79.95 Your Price \$69.95**

**FSL-4 • Stop/Studio In Use • Reg. \$79.95 Your Price \$69.95**

**FSL-5 • Quiet • Reg. \$79.95 Your Price \$69.95**

**FSL-9 • On Air/Streaming • Reg. \$79.95 Your Price \$74.95**

**FSL-10 • On Air/Streaming with Plug-in-Cord • Reg. \$128.49 Your Price \$118.95**



## Titus HPL ON AIR Hanging Plexiglas Light Fixture - 12 VDC Red LED

- The Titus Technological Labs BPL "Recording" Plexiglas Light fixture measures 11.25" x 7 1/2". and is edge lit with standard white LEDs.
- Conveniently mounts to wall on side of aluminum frame.
- Power required: 12 VDC - 250 mA

**HPL • On Air Light • Reg. \$185.00 Your Price \$174.00**



## Sonifex LD-40 Series Single Flush Mounting Signs



# SONIFEX

requirements.

- RGB LEDs - Any Colors Possible The illuminating LEDs in the unit are RGB meaning that any color can be produced. For ease of use, as standard you can configure the sign from one of 6 colors: white, green, red, blue, yellow, orange.
- Four modes of illumination are available: Constant illumination | Flashing, regularly on/off | Pulsing - flashing, then off, repeated | Off

**SON-LD-40F1MCL • MIC LIVE Sign • Your Price \$459.88**

**SON-LD-40F1ONA • ON AIR Sign • Your Price \$459.88**

**SON-LD-40F1REC • RECORD Sign • Your Price \$459.88**

**SON-LD-40F1MET • MEETING IN PROGRESS Sign • Your Price \$459.88**

## Sescom ON AIR Battery Powered Large Desktop Light

Keep unwanted interruptions out of your production studio with a DSL Series On-Air Light from Sescom. With both desktop and wall mounting options, this warning light delivers the flexibility to use it for traditional broadcast purposes or as a cool decoration for the video podcaster. Units are powered via 5V USB and illuminated with a low power consumption LED bulb. This makes it a great option for remote productions and on-the-road radio shows.

**DSL-OA-2-BR • Reg. \$109.95 Your Price \$97.95**

## Titus Plexiglass Recording Light Fixture Base

Titus Technological Labs BPL-R-GRN Plexiglass "RECORDING" Light with Green LEDs w/ a Natural Aluminum base. Text is correctly oriented from both sides. Light fixtures measure 11.25" x 7 1/2". Edge lit standard red LEDs (Other colors and two color available on request). Mount to wall on side of aluminum frame. Power required: 12 VDC - 250 mA



**TTL-BPL-R-GRN • Reg. \$350.00 Your Price \$299.99**

## Titus Technological Labs Blade Plexiglass On-Air Light Fixture

Titus Technological Labs BPL-RED-B Plexiglass On-Air Light with Red LEDs & a black power coat base. Text is correctly oriented from both sides. Light fixtures measure 11.25" x 7 1/2". Edge lit standard red LEDs (Other colors and two color available on request). Mount to wall on side of black power coat base. Power required: 12 VDC - 250 mA



**TTL-BPL-RED-B • Reg. \$350.00 Your Price \$329.99**



## Sandies Triple Sided "On-Air" Studio Warning Lights

The Sandies 343 Three Sided Studio Warning Lights are designed to get their attention BEFORE they enter the room! There will be no doubt about whether the light is on or off because the Sandies lights feature brilliant red lettering when lit but totally black out when off. Built tough in a solid steel frame the Sandies 343 Series mounts on a standard single gang box and is available in AC or DC configurations.

- Brilliant red lettering when lit • Totally blacked out lens when not lit
- No confusion deciding if the light is On or Off
- Available in AC or DC configurations • Custom Text available • Solid Steel Case

**SAND-343-12 • 12V Model • Reg. \$119.99 Your Price \$90.48**

**SAND-343-110 • 110V Model • Reg. \$119.99 Your Price \$90.45**

## Sandies Studio Warning Lights - 12VDC Powered

The Sandies 340-REC-12 Studio Warning Lights are designed to get their attention BEFORE they enter the room!

- Brilliant red lettering when lit
- Totally blacked out lens when not lit
- No confusion deciding if the light is On or Off
- Available in AC or DC configurations
- Custom Text available • Solid Steel Case

**SAND-340-12 • On-Air Light, 12V • Reg. \$119.99 Your Price \$98.99**

**SAND-340-110 • On-Air Light, 110V • Reg. \$119.99 Your Price \$95.00**

**SAND-340-REC-12 • RECORDING Light, 12V • Reg. \$129.99 Your Price \$99.99**

**SAND-340-REC-110 • RECORDING, 110V • Reg. \$129.99 Your Price \$95.00**





**DSAN****DSan PRO-2000KIT-4 Limitimer Staging Kit - with Podium Signal Light**

DSan PRO-2000KIT4 is a Limitimer Staging Kit that offers a complete timing solution. It includes the Limitimer Speaker Timer (PRO-2000-T), Podium Signal Light (PSL-20V), and Audience Signal Light with 4-inch solid LED digits (ASL4-ND3), delivered in a high-quality water-tight transit case with custom foam compartments for cabling.

- 12-volt external power supply
- Variable audio sounds
- Two Cat5 and one XLR data jacks
- Four Programmable time settings

**DSA-PRO-2000KIT4 • Your Price \$1965.00**

**DSAN PC-MINI-AS2 Compact Cue Light with Fold-Away Bracket**

- Remotely control presentation software via keyboard commands delivered through two USB ports and maintain mouse functionality.
- Connect multiple cue lights via Cat 5 or XLR cable, only one unit requires power.
- Connect hand-held actuator for hard-wire backup.
- Plays1 cue sound through speaker or headphone jack.
- Match cue light and transmitter communications on selectable channels so that cue lights can be used in adjacent rooms.

**PC-MINI-AS2 • Your Price \$785.00**

**DSan Cue Light with 4-pin XLR Jacks for Belt-Pack Intercom Integration**

DSan PerfectCue PC-SYS-AS4 is a wireless audio and visual cueing system that can remotely control presentations on either one or two computers. The communication between the transmitter and cue light is solid at 300'.

- PerfectCue Systems can work in Proximity without Interfering with one Another
- One transmitter can control multiple cue lights
- One cue light can be controlled by multiple transmitters
- One cue light can control two computers in sync
- One cue light can control additional cue lights (by wiring together the cue lights)

**DSA-PC-SYS-AS4 • Your Price \$985.00**

**DSan Limitimer Pro-2000 Speaker Timer Speech and Presentation Time Keeper**

- Easy-to-use: Set Total Time. Set Sum-Up Time. Start.
- Digital clock displays Time Remaining; Green-Yellow-Red lights cue phase: Talk, Sum-Up, Stop.
- Pre-set up to 4 timing programs.
- Run a session timer in background to other programs.
- Select from 3-different beep sounds (or no sound).
- Connect two or more timers to a single signal light for multi-point start/stop control.
- Connect two or more signal lights to a single timer for multi-speaker prompting.
- Select count-up or count-down modes.

**DSA-PRO2000 • Your Price \$900.00**

**Interspace Industries MC3-L2 TFC MicroCue3 3 USB Twin Pro Kit - 2 x 2-Button Laser Handsets**

- 3x USB ports
- Selection of laser or non laser handsets
- Selection of 2 button - Next and Back or 3 button - Next, Back and Blackout buttons.
- LCD display for clear cues
- Signal strength and battery condition icons
- Audible cue via headphone socket
- Rugged cube design
- Fully CE and FCC compliant

**INTI-MC3-L2-TFC • Your Price \$1860.00**

**DSan PC-MICRO Ultra Compact Cue Light with 2-Button Wireless Actuator (2-Commands)**

signaling system. It enables a presenter to send cues to a projectionist using a wireless hand-held transmitter.

**DSA-PC-MICRO • Your Price \$385.00**

The DSAN PC-Micro is a compact, remote, programmable computer controller. The PC-Micro has two on-board USB drivers to sync two computer presentations. The cue light responds reliably over distances of 250+ feet to the included transmitter. Includes handy canvas pouch for storing and 2 USB mini cables. Configuration software available via Web site download. PerfectCue Micro is a light

**DSan ASL4ND3 4in Digital Display Audience Signal Light with Tri Color Lights**

The DSAN ASL4ND3 Audience Signal Light is the perfect companion to the Limitimer® speaker timer. It features high quality 7-segment 4" high LED digits and red-, yellow-, and green-colored warning lights that help provide a clear cue to the speaker. Displays time remaining, or when the Limitimer console is turned off, the current time of day (with battery backup). The audience signal lights may be powered directly from Limitimer or plugged into an AC outlet (advised when wired connection >100-feet). They may be set to receive any or all Limitimer programs. All feature in-out RJ45 and XLR jacks to allow a variety of interconnections.

**DSA-ASL4ND3 • Your Price \$825.00**





## **E-Image Air Assist Carbon Fiber Pedestal/150mm Fluid Head/Dolly Kit - 88 lbs Payload with Counterbalance & Drag**

**NEW!**

The E-Image EP880XK Pneumatic Pedestal Kit is designed for broadcast camera operators who require heavy payload capacity and tight counterbalance. This pedestal system has a counterbalance payload of 88 lbs and will carry an ENG camera with a box lens and servo controls.

- Fluid head features 9x micro counterbalance settings (3 steps), a payload switch (2 steps) for a total of 54-steps of adjustable counterbalance system.
- The Pneumatic Pedestal includes the E-Image Mono-Lock leg design and the Easy Lock base plate system. The pedestal system, without the fluid head mounted, can support payloads weighing up to 110 pounds.

Panhandle length range of 16.7" to 24"

**IKAN-EP880XK • Your Price \$14999.00**

## **Vinten V4086-0001 2 Stage EFP Aluminum Posi-loc Tripod with 150MM Bowl**

**HOT!**



150 mm bowl EFP tripods are designed to offer maximum stability and robustness and are ideal for demanding field and studio applications where a longer lens and heavier viewfinder are used. The Posi-Loc cam-operated clamping system requires low effort with a 90° turn from on to off, providing the user with a positive indication that the tripod is securely locked. The profile of the knob ensures that camera cables cannot snag.

The 'Baby Legs' tripod is a low-level version, with a minimum height of 28 cm (11 in.) which makes even lower shots possible.

- Height Range with Floor Spreader: 52 to

157.1 cm / 20.5 to 61.9"

• Weight: 5.8 kg / 12.8 lbs • Max. Load: 55 kg / 121 lbs

**VIN-V4086-0001 • Reg. \$2650.00 Your Price \$2517.50**

**Vinten®**

## **Matthews Articulated - Multi-Jointed NOGA Arm - Large**



Holds up to 11 Pounds • 22" Extended Length • 5/8" Pin on Each End • 1/4"-20 & 3/8"-16 Threaded Holes • Load Capacity: 11 lb / 5 kg • Top Mount: 1/4"-20 Female, 5/8" Stud • Bottom Mount: 3/8"-16 Female, 5/8" Stud • Points of Articulation: 3 • Maximum Length: 22" / 55.9 cm

**MSE-350627 • Reg. \$233.00 Your Price \$198.00**

**MATTHEWS**

## **Benro 3XSLITE 3 Axis Handheld Gimbal for Smartphone**



The lightweight 3XS Lite 3-Axis Smartphone Handheld Gimbal Stabilizer from Benro has been designed to provide stability for mobile phone video capture. Using the customizable buttons or with the free, downloadable control app for Android or iOS, you can control the gimbal settings, roll following, face tracking, or time-lapse, and you can change the phone orientation at the touch of a button. The phone holder supports phones up to 8.8 oz and 3.5" wide. A trigger button on the handle triggers a Universal Follow mode adjusts to your movements as you aim the phone camera at your subject, and a locked-down mode keeps your camera in a fixed position.

**BNRO-3XSLITE • Reg. \$128.70 Your Price \$99.00**

**BENRO**

## **Zacuto Z-SX6ZR-P2 Sony FX6 Z-Finder Recoil Rig**

The Zacuto Z-SX6ZR-P2 Sony FX6 Z-Finder Recoil Rig is a shoulder rig designed specifically for the Sony FX6 camera (camera sold separately). This is a Next Generation Recoil rig designed for optimal balance and comfort when shoulder mounted or on a tripod. With lenses and cameras being similar weights, the balance point is where the lens meets the camera body. In a shoulder mount rig, the balance point needs to be directly over your shoulder which puts the camera behind you. The Recoil rig adjusts for that balance point and relocates focus, monitoring and camera controls forward, creating a lighter, shorter and properly balanced rig.



**ZCT-Z-SX6ZR-P2 • Reg. \$1750.00 Your Price \$1662.50**

## **Sachtler 0773AM System FSB 8 Sideload and 75/2 Aluminum Tripod Legs with Mid-Level Spreader and Bag**

The Sachtler 0773AM is redesigned with features from the revolutionary Sachtler active fluid head range, FSB delivers precision movement with finely calibrated levels of drag and counterbalance for the perfect shot. The streamlined profile is built to withstand the toughest conditions to deliver repeatable, reliable camera support shot after shot.

- Range: FSB • Pan bar count: 1 • Payload: 0 to 26.40 lb • Bowl size: 75 mm • Weight: 11.88 lb • Spreader type: Mid-level spreader • Material: Aluminium
- Transport length: 33.93 in • Tripod stages: 2 • Height with spreader: 2.66 to 5.61 ft • Temperature range: -40 to 140 °F
- Tilt range: 90° to -70° • Sliding range: 4.68 in

**SACH-0773AM • Reg. \$3000.00 Your Price \$2850.00**



## **Sachtler 1470M FSB 14T Mk II Touch&Go Tripod System with Pedestal C III**

Redesigned with features from the revolutionary Sachtler active fluid head range, FSB delivers precision movement with finely calibrated levels of drag and counterbalance for the perfect shot. The Sachtler 1470M's streamlined profile is built to withstand the toughest conditions to deliver repeatable, reliable camera support shot after shot.

- Range: FSB • Pan bar count: 2 • Payload: 0 to 35.20 lb • Bowl size: 100 mm
- Weight: 43.78 lb • Spreader type: No spreader • Material: Aluminium
- Height with spreader: 2.98 to 5.74 ft • Temperature range: -40 to 140 °F

**SACH-1470M • Reg. \$17700.00 Your Price \$16815.00**



## **Sachtler 1002 75mm Tripod & Ace M Fluid Head with Ground Spreader**

Anybody who works on uneven ground and "on location" would have an advantage with the two-stage extension tripods featuring a mid-level spreader. Using a smaller camera doesn't mean you have to compromise on performance. Whether you are shooting documentaries, weddings or corporate videos with your HD/SLR or smaller camera, the Sachtler Ace M Fluid Head gives you broadcast-quality performance. The patented SA-drag™ system and a payload of up to 4 kg means that you get the best pan and tilt performance. The weight compensation comes from proven step switching, making this fluid head perfect for both beginners and professionals.



**SACH-1002 • Reg. \$895.00 Your Price \$850.25**




**Libec LX10 Studio Professional 2-Stage Aluminum Tripod System with Dolly**

Libec LX10 is a Professional 2-Stage Aluminum Tripod System with dolly and dual pan handles. Best value in the range. For Midsized DV/HD and Semi-Shoulder Cameras. Trace every motion from start to finish with its supreme torque system. Outstanding rigidity and payload. Completely new tripod design. A high-grade dolly included with standard package.

- Payload: Payload 16kg / 35.0lb • Counterbalance: FIX
- Drag mode: 2STEP • Tilt angle: +85° / -65°

**LIB-LX10STUDIO • Reg. \$1599.00 Your Price \$1279.00**


**Libec LX7M Professional 2-Stage Aluminum Tripod System w/ Mid Level Spreader**

Libec LX7M is a professional 2-Stage Aluminum Tripod System w/ Mid Level Spreader. Best value in the range. For Small to Mid Sized DV/HD and Semi-Shoulder Cameras. Trace every motion from start to finish with its supreme torque system. Outstanding rigidity and payload. Completely new tripod design. Equipped with a sliding plate (sliding range of +/-40mm/ 1.6"). A high-grade spreader and large rubber feet included with standard package.

**LIB-LX7M • Reg. \$717.00 Your Price \$569.00**

**Libec**
**Libec TH-X Tripod & Fluid Head with Mid-Level Brace & Case**


The TH-X is Libec's new 2-stage high-spec entry level tripod system. Rather than a simple successor of the TH-650HD, the TH-X is an evolved tripod system on a whole new level. The TH-X holds cameras up to 9 Lbs. and features a one-touch quick release plate that is ideal for news crews and field reporters. Super solid, yet lightweight, the TH-X is Libec's stealthiest unit at just under 7 pounds.

**LIB-TH-X • Reg. \$342.00 Your Price \$269.00**

**Libec**
**Cartoni KF12-RLM Focus 12 Head 2 Stage Red Lock Tripod with Smarts Lock Mid-Spreader/Pan Bar/Feet and Soft Case**


The Cartoni Focus 12 Red Lock System is the ideal support for the latest broadcast and digital cine style cameras weighing up to 26 pounds for camera operators who are on the go. It is combined with the new Cartoni Red Lock Tripod with a Smart Lock Mid-Level Spreader. The Focus 12 features the Cartoni Side-Load Quick

Release Sliding Plate, illuminated spirit level and easily identifiable red locking levers on pan & tilt and comes with a 5-year warranty.

**CAR-KF12-RLM • Reg. \$2640.00 Your Price \$2275.00**


**Cartoni KPTZ001 Lightweight 3 Stage PTZ Stand & Ball Level AT926**

The new versatile KPTZ001 support features the 3 telescopic stage TZ001 lightweight stand complete with AT926 PTZ ball joint, the stand comes with standard rubber feet and can be installed on the D833 lightweight dolly. The PTZ camera can be at-

tached to the Ball joint with an optional quick release sliding plate AH921 for fast attachment and enhanced centring ability.

**CAR-KPTZ001 • Reg. \$1087.00 Your Price \$998.00**

**Bescor TH-770 Lightweight Tripod System With Spreader and Bag**

Counter balanced vertical fluid dampening mechanism. Claw ball leveling base for quick and easy adjustment in all terrain. Bubble level indicator for centering head on uneven surfaces. One touch leg locking lever. Aluminum construction. Holds up to a 15 pound camera. Base height adjusts from 26.75" to 59". Two way spike and rubber foot. 3 section leg. Tilt angle +90 to -70 degrees. Adjustable 63mm claw ball on bottom of head. Tripod case included.

**BES-TH770 • Reg. \$199.00 Your Price \$119.95**


**Benro S8PRO Video Head - Supports up to 17.6 Pounds**

*Mount the Head Separately on Sliders/Jibs/Monopods*

Built for a range of video cameras and accessories, the S8PRO video head supports up to 17.6 lb./8kg. Equipped with a 75mm flat base with a 3/8"-16 thread, the S8 PRO is a versatile creative tool allowing you to mount the head separately on sliders, jibs, or monopods. Other features include: pan & tilt lock, continuous pan & tilt drag, 8-step counterbalance (0-7), illuminated bubble level and two 3/8"-16 accessory mounts for attaching monitor arms or audio recorders directly to the head. This allows you to attach accessories without needing a cage or rig to do so. Tilt range for the S8 PRO is +90°/-75°. The forward 90 degree tilt helps with table top setups.

**BENRO-S8PRO • Reg. \$409.95 Your Price \$314.95**


**Manfrotto MVK502AM-1 Tripod & Bag**

This new system incorporates the new MVH502A fluid head and the new MVH502AM tripod. The system is lightweight, compact and is amazingly sturdy. The new telescoping tandem; or twin tubes are a first for Manfrotto. The design provides the stability of a twin tube tripod with the ease of use of a single leg tripod.

- Aluminum legs • Telescopic twin tubes • 2 stages, 3 twin elliptic sections • 75mm ball base
- Improved spreader connectors • Payload of 6kg /13.2lbs

**MAN-MVK502AM-1 • Reg. \$549.95 Your Price \$549.95**


**Manfrotto 509 HD Fluid Video Head & 545GB Aluminum Twin Leg Tripod**

- Quick release sliding plate for positioning and balancing the camcorder
- 1/4" camera screw and 3/8" adapter and anti-rotation pin
- 100 mm head bowl
- Additional PAN and TILT drag control
- Pan bar can be fitted for left- or right-handed use
- Spirit level (with backlight) for accurate leveling
- Counterbalance system for loads up to 18.7lbs (8.5kg) @ 125mm C.O.G./28.1lbs (12.8kg) @ 55mm C.O.G

**MAN-509HD-545GBK • Reg. \$2538.39 Your Price \$2318.95**



## Apantac OpenGear 16x2 Multiviewer and Rear Module Bundle



- OGX/3.0 card-based form factor • Low latency - single frame processing delay
- 16 x auto-detect 3G (Level A/B)/HD/SD-SDI inputs • 2 independent outputs: 1 x HDMI and 1 x SDI

- Low power consumption - 20W • Windows can be sized and moved freely
- Decode up to 16 embedded audio per SDI input
- Ethernet for configuration, dynamic labels and Tallies (TSL) • Standalone labels, customizable logo • 16 GPLs for tallies, count up/down trigger or preset recall
- Built-in analog/digital clocks can sync with LTC/NTP • Borders can be turned on or off • Two sets of safe area makers
- Visual alarm tags for video/audio alarm • HDMI and SDI outputs with embedded stereo audio pair

APA-OG-MI-16SET1 • Your Price \$4609.00

## Magewell 11050 Pro Capture SDI Card - 1 Channel



The Magewell 11050 Pro Capture SDI supports multiple cards per system and unlimited output streams with independently adjustable parameters per stream. Additional features include ultra-low latency, timestamp and A/V synchronization, and LED status indicators. The card supports Windows, Linux, and macOS operating systems, multiple APIs for Windows and Linux, and provides

Windows SDKs for easier integration.

- 10-bit video processing • Deinterlace • Cropping • Color Adjustment
- Hardware Timestamp • Color Space Conversion
- Up/down Conversion • Aspect Ratio Conversion
- OSD • SG-DMA Transmission mode

MGW-11050 • Your Price \$309.00

## Osprey 100e PCIe Capture Card



The Osprey 100e is a composite video capture card for Windows and Linux. It features three RCA composite and one S-video input with software-based switching that allows you to toggle between sources. It will only capture one channel at a time and does not have an audio input.

- Description: Single Channel analog video with 4 selectable inputs • Format: PCIe x1 PCIe

1.1 • Video Input: Composite S-Video

- Video Connector: 3 x composite (RCA) 1 x S-Video (mini-DIN)

OSP-100E • Your Price \$209.00

## Matrox CLA 4G HDSA Clarity PCIe 2.0 x8 Multi-format Multi-Input UHD Video Capture Card with Optional H.264 Encoding



- Capture from legacy to the latest video sources through support for SD analog to UHD digital formats • Connect and switch between different video sources via
- Mini DisplayPort, HD-BNC, HDMI, and custom analog DVI connectivity
- Handle multiple video sources with the simultaneous capture of up to eight HD or two UHD streams

MTX-CLA4GHDSA • Your Price \$2999.00

## Blackmagic Design DeckLink 8K Pro with Quad Link 12G-SDI

The Blackmagic Design DeckLink 8K Pro is an advanced Generation 3, 8 lane PCI Express capture and playback card designed for high resolution 8K workflows. The ultimate digital cinema capture card the DeckLink 8K Pro features four quad link 12G-SDI connections and works in all SD, HD, Ultra HD, 4K and 8K DCI frame sizes. You get support for 8 and 10-bit YUV 4:2:2, as well as 10 and 12-bit RGB 4:4:4 with full Rec. 2020 color providing deep color and true digital cinema quality images! In addition, you can work at up to 60 frames per second in 8K and 120 frames per second in HD and 4K. The four 12G-SDI connections support 16 channels of embedded audio each, for a total of 64 channels. DeckLink 8K Pro is perfect for the next generation of high resolution, high frame rate and high dynamic range workflows! You can even capture and playback simultaneously!

BMD-BDLKHCPR8K12 • Your Price \$745.00

## Blackmagic Design DeckLink Quad 2 PCIe 4 Lane DIN Connectors

- Computer Interface PCI Express 8-lane, compatible with 8 and 16 lane PCIe slots
- Input / Output 8 x Bi-directional SD/HD/3G-SDI, 12-bit (DIN 1.0/2.3 connectors)
- 1 x Reference Input (DIN 1.0/2.3 connector)
- SDI Audio Input 16 channels per input, embedded in SD and HD
- SDI Audio Output 16 channels per output, embedded in SD and HD
- Sync Input Blackburst in SD, 720p50, 720p59.94, 1080i50, and 1080i59.94 formats or Tri-Sync in any HD format

BMD-BDLKDVQD2 • Your Price \$995.00

## Blackmagic Design DeckLink Duo 2 PCIe Capture and Playback Card

Featuring 4 independent 3G-SDI connections, DeckLink Duo 2 is a PCIe capture and playback card that supports SDI formats in SD and HD up to 1080p60! You get the flexibility of 4 separate capture or playback cards in one! Plus, it's completely customizable so it's perfect for media play-out systems, multi screen digital signage servers, real time multi channel capture systems and more!

SDI Audio Output: 16 channels embedded in SD and HD • Sync Input: Blackburst in SD 720p50, 720p59.94, 1080i50 and 1080i59.94 formats or Tri-Sync in any HD format. • Computer Interface: PCI Express 4 lane, compatible with 4 and 8 lane PCIe slots.

BMD-BDLKDUO2 • Your Price \$495.00

## Blackmagic Design DeckLink Micro Miniature M.2 Capture Card with 3G-SDI - SD & HD Formats up to 1080p60

Blackmagic Design BMD-BDLKMICROSDI Miniature M.2 card with 3G-SDI connections for simultaneous capture and playback in all SD and HD formats up to 1080p60. DeckLink SDI Micro also includes Black Burst and Tri-Sync reference input and its miniature size makes it great for use on portable solutions which are based on compact computers!

SDI Video Sampling: 4:2:2, 4:4:4 • SDI Color Precision: 8, 10, 12-bit RGB 4:4:4 in all modes up to 1080p30 and 8, 10-bit YUV 4:2:2 in all modes. • SDI Compliance: SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M, ITU-R BT.656 and ITU-R BT.601.

BMD-BDLKMICROSDI • Your Price \$139.00



**KanexPro 4K60Hz HDMI KVM Extender over Cat6 with USB 2.0**

The KanexPro EXT-HDMIKVM70M HDMI extender kit features a transmitter and receiver combo which allows for high quality 4K@60Hz video and audio to be transmitted up to 70 meters over a single Cat6/6a network cable. The KVM feature in this kit also transmits USB 2.0 signals which can be used to control both a keyboard and a mouse. • KVM Function supporting USB 2.0/1.1 • Supports transmission distance up to 230ft. (70m) • Supports HDR(YUV 4:4:4) • Supports UHD 4K (4K x 2K @ 60Hz) • IR bi-directional Pass through 20-60KHz (kits included)

**KAN-EXTHDMIKVM70 • Your Price \$399.95**

**Black Box KVXLCDP-100 KVM Extender Kit CATx - 4K**

The Black Box KVXLCDP-100 KVM Single H e a d



DisplayPort KVM Extender lets you control a server or computer over a standard CAT5 or CAT6 UTP network cable connection at distances of up to 328 feet (100 meters). This extender also supports 4K video. PC connection cables are included with this product, making it a solution that is ready to use right out of the box.

- Supports displayport local video output • Remote access up to 100 meters
- Supports DisplayPort UHD video resolution up to 3840x2160 at 30Hz
- Transparent USB 2.0 extension supports HID devices, mass storage devices
- Bi-directional audio via speaker/mic connection

**BBX-KVXLCDP-100 • Your Price \$579.00**

**Black Box KVM-over-IP Switchable Extender Kit LAN 4-Port - up to 328 Feet/100m**

- Switch between high-speed USB 2.0 devices over an IP network.
- Supports full-speed USB 2.0 up to 480 Mbps.
- Supports simultaneous USB sharing that improves collaboration.

- Connect to an Emerald KVM system to automatically switch when the target changes.
- Features four USB ports that support USB devices, including USB hubs.

**BBX-EMD100USB • Your Price \$675.00**

**ATEN 8-Port USB 3.0 4K DisplayPort KVM Switch with Rack Mounting Kit**

- One USB console controls up to eight DisplayPort interface

computers and two additional USB 3.0 peripheral devices

- Cascadable to two levels - controls up to 128 computers1
- Multi-Display feature - stack up to eight CS19208 units and display video from up to 8 monitors (dual display / triple display / quad display / multi-display)
- Video DynaSync - an exclusive ATEN technology that eliminates boot-up display problems and optimizes the resolution when switching among different sources
- EDID Expert - selects optimum EDID mode for smooth power-up and highest quality display • Supports a DisplayPort or HDMI video output - allows you to choose an appropriate video output and deploy console with flexibility
- Superior video quality - up to 4K DCI (4096 x 2160 @ 60Hz) • Built-in 2-port USB 3.1 Gen 1 hub with SuperSpeed 5 Gbps data transfer rates • Audio enabled - full bass response provides a rich experience for 2.1 channel stereo sound

**ATEN-CS19208 • Reg. \$1410.00 Your Price \$1119.00**

**Muxlab 500452 4K/60 HDBaseT HDMI/USB-C KVM Extender Kit with Wallmount**

The MuxLab HDMI/USB-C KVM Extender Kit HDBT, 4K/60 includes one (1) transmitter and one (1) receiver. The transmitter is a wall plate HDBT 2x1 switcher with HDMI and USB-C input. It features a



US one-gang enclosure for Decora-style wall plate openings.

The USB-C input provides an ideal AV interface for connecting with new Apple notebooks and Windows® PCs as well as smartphones and tablets. The Transmitter is remotely powered by the Receiver via PoC. The Receiver features a 1x2 USB2.0 hub for transferring USB2.0 data transmissions and has analog audio output. Applications: KVM / AV Systems | Classroom projector systems | Digital signage | Boardroom systems | Collaborative PC systems | Medical information systems

**MUX-500452 • Reg. \$884.00 Your Price \$707.00**

**Muxlab UHD-4K KVM HDMI over IP PoE Extender - Transmitter**

The KVM HDMI over IP PoE Extender, UHD-4K allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K @ 30Hz (4:4:4) and 4K @ 60Hz (4:2:0) via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations. The Transmitter (500772-TX) and Receiver (500772-RX) support PoE (PD) if used with a PoE (PSE).



- Ethernet Switch. One operator can manage multiple servers/workstations • Supports HDMI up to 4K @ 30Hz (4:4:4) and 4K @ 60Hz (4:2:0) • Receiver side includes a 4-port USB hub, for KVM applications • Up to 330ft (100m) over Cat5e/6 • Supports 100's of Transmitters & Receivers depending on network bandwidth Supports multiple point-to-point, and point-to-multipoint applications

**MUX-500772-TX • Reg. \$610.00 Your Price \$488.00**

**Black Box EMD2000SE-T Emerald Se HD DVI KVM-over-IP Matrix Switch Transmitter - Full HD DVI USB 2.0 Serial Audio**

Black Box EMD2000SE-T Emerald SE provides users with a seamless desktop experience anywhere on a TCP/IP network, while allowing the actual hardware to be housed in a corporate data center or in the cloud. The performance of Emerald SE allows an easy deployment on standard corporate networks and even across WANs. The solution enables the same experience of a desktop PC even for media-rich applications, like video and photo editing.



**BBX-EMD2000SE-T • Reg. \$999.00 Your Price \$969.00**

**ATEN CE820 USB HDMI HDBaseT2.0 KVM Extender System with Local & Remote Units**

The ATEN CE820 USB HDMI HDBaseT 2.0 KVM Extender integrates the latest HDBaseT 2.0 technologies to deliver 4K HDMI video, stereo audio, USB, Ethernet, and RS-232 signals up to 100 meters using single Cat6 / 2L-2910 Cat 6 cable. The HDBaseT 2.0 guarantees the most reliable transmission on the market as well as enables the long-reach capability that extends full HD 1080P signals up to 150 meters. With an easy cable installation supporting various signals, the CE820 is ideal for applications where convenient remote access is required.



**ATEN-CE820 • Reg. \$1114.00 Your Price \$889.00**



## ADDERLink XDIP-US HDMI/USB Single Link KVM Extender over IP with PSU and POE



The ADDERLink XDIP-US is a Single Link HDMI & USB over IP KVM Extender with POE and a PSU with US cord that is designed to improve IT scalability for small to medium businesses. Utilizing a standard 1Gb/s IP network, the XDIP enables users to extend and manage critical PCs with ultra-low latency and HD video. An intuitive API delivers remote control of the matrix and allows the XDIP to be integrated into larger systems, controlled by third party software.

**ADR-XDIP-US • Reg. \$715.00 Your Price \$643.00**

## Adder ADDERLink INFINITY Dual Head Digital USB2.0 IP KVM A/V Extender



keyboard and floating launch button

- 2 x SFP ports for maximum flexibility. Can be used with either CATx or fiber modules, allowing distances of up to 20km
- USB mass storage devices supported plus keyboard, mouse, tablet and touch Support for Mac Pro®
- Video resolutions up to 1x 2560x1600 @60Hz or 2x 1920x1200 @60Hz
- Redundant network operation
- Dual touch screen support including onscreen

**ADR-ALIF101T-DP • Reg. \$1815.00 Your Price \$1639.00**

## Adder ADDERLink XD - Single HD/MST Dual High Performance IP KVM Extender Pair



- Single or dual-head HD60 video, USB2.0 (HID) and audio are transmitted on a single CATx or fiber cable
- Point-to-point protocol for ultra-low latency
- Flexibility between copper and fiber connectivity
- Adder's USB True Emulation ensures reliable computer bootup
- Video resolutions: The system supports up to 4 heads at resolutions to a maximum of 1920x1200 @ 60Hz
- Software compatibility: All known operating systems. No drivers required.

**ADR-XD612P-DP-US • Reg. \$1760.00 Your Price \$1584.00**

## Adder ADDERLink INFINITY 4000 Series Dual Head High Performance 4K IP KVM Extender - Receiver/ Transmitter



infrastructure

**ADR-ALIF4021R-US • Receiver • Reg. \$2745.00 Your Price \$2609.00**

**ADR-ALIF4021T-US • Transmitter • Reg. \$2745.00 Your Price \$2609.00**

## Adder Digital KVM and AV Extender with USB & Audio Over IP via 1GbE Network



The ADDERLink INFINITY 100T (ALIF100T-DVI) is a DVI zero-U, high performance, IP-based KVM (Keyboard, Video, Mouse) extender and/or matrix that enables the use of standard IT infrastructure to extend computers away from the user environment.



- Zero-U form • IP-based: use your existing network • USB powered
- Low power consumption • Supports multiple video resolutions

**ADR-XDIP-POE • Reg. \$660.00 Your Price \$549.00**

## Adder Link CATX-USB Computer Access KVM Extender Module

The AdderLink CATX-USB CAMs (Computer Access Modules) are used in conjunction with the ADDER CATx KVM and Extender products to connect to a range of machine types. CAMs allow the user to connect multiple different machine platforms to an Adder CATx switch or KVM extender.



A computer access module is a small device used to connect the required output ports of a computer to a standard CAT5e, CAT6 or CAT7 cable. The unit sits inline and does not require any additional power to operate, instead sourcing its. The main body is constructed from a tough ABS material which houses the RJ45 connector. From this main body, one or more connections can be made into the rear of your target computer/server.

**ADR-CATX-USB • Reg. \$110.00 Your Price \$99.00**

## Adder View 4 PRO Quad Head - Dual Link DVI-I & USB

The Adder ADDERLink INFINITY 2122 Transmitter is a high performance IP KVM (Keyboard, Video and Mouse) extender that forms part of the ALIF matrix solution. This enables the relocation of critical computing hardware into a secure and temperature controlled environment away from the user work station; whilst maintaining a pixel-perfect desktop experience.



- Video resolutions up to 1x 2560x1600 @60Hz or 2x 1920x1200 @60Hz
- Support for Mac Pro® • Redundant network operation • Plug and play

**ADR-ALIF2122T-US • Reg. \$1815.00 Your Price \$1639.00**

## Atlona Velocity Hardware Gateway for AV Control and Management plus Room Scheduling for 3 Rooms

- Hardware server gateways for AV system control, room scheduling, and AV asset management



- Access from a web browser for setup and management
- Simplify system or device configuration, deployment, and management with the interactions, flow, and visual elements of a web or mobile app GUI
- Create role-based accounts for integrator, client, and AV/IT staff members, each with clearly defined access privileges
- Dual Gigabit Ethernet ports for isolating a dedicated AV LAN from the facility or corporate network
- Supports industry-standard, secure data communications through HTTP/2, HTTPS, SSH, SFTP, and WebSockets with TLS and AES-128 encryption

**ATNO-AT-VGW-HW-3 • Your Price \$1552.00**





### 4K Ultra HD HDMI KVM over IP System

Gefen's AV over IP solutions continue our tradition of providing high performance, scalable, expandable, and secure AV routing and distribution over a standard Gigabit Local Area Network. Our Gen 2.0 KVM products offer enhanced performance, features, and functionality such as 4K Ultra HD with HDR support, built-in scalers, video-wall control, independent USB, RS-232, IR, and audio routing\*\*.



and backward-compatibility with our first generation products. Each Sender and Receiver extends and routes video, USB, 2-way audio, RS-232, and IR.

The EXT-UHDKA-LANS-TX & RX feature maximum input resolution of 4K 60 Hz 4:2:0, and maximum output resolution of 4K 30 Hz 4:4:4. HDCP 2.2 and 1.4 are also supported.

**EXT-UHDKA-LANSRX • Receiver • Your Price \$737.10**

**EXT-UHDKA-LANSTX • Transmitter • Your Price \$737.10**

### Ocean Matrix 1080p 60Hz HDMI KVM Extender



Maintain complete control of your computer from distances up to 60 meters with the cost effective Ocean Matrix 01KVKV0002 HDMI KVM. The unit extends HDMI signals, keyboard & mouse via USB and stereo audio via 3.5mm Mini connection - all achieved over a single CAT6/CA6A ethernet cable. A unique feature of this OMX KVM extender is the built in IR control function allowing it to be used for digital signage applications. A front panel EDID switch allows selection between 720P and 1080P ensuring compatibility between multiple monitor types.

**OMX-01KVKV0002 • Your Price \$79.95**

### Raritan Dominion DKX4-UST KX KVM User Station for KXIII & KXIII - 4K Resolution - Larger IP Sessions & up to 3 Monitors



The Dominion® KX User Stations are standalone appliances for high performance IP access to servers connected to Dominion® KX III and KX IV switches, accessed by DSAM, RDP, VNC, VMware virtual machines, web links and SSH connections, together with optional CommandCenter integration. The slim form factor allows them to sit on a desk, be mounted in a standard 19" rack, or VESA-mounted on the back of a monitor. Deploy using standard Cat5 cabling and Ethernet/IP technology.

**RAR-DKX4-UST • Your Price \$1876.00**

### NTI 2-Port 8K DisplayPort USB KVM Switch - 2-Port



**NTI NETWORK TECHNOLOGIES INCORPORATED**

• DisplayPort 1.4 • Multi-Stream Transport (MST) • Up to 30-bit Deep Color • RGB, YCbCr 4:4:4, YCbCr 4:2:2 • Dolby TrueHD, DTS-HD Master, stereo audio. • Bandwidth up to 32.4 Gbps computers

**NETT-KEEMUX-USB2 • Your Price \$160.00**

### Apantac KVM Over IP Receiver

Apantac KVM-IP-Rx-P is a KVM Receiver over IP, HDMI with POE USB Mouse & USB Keyboard over Gigabit Ethernet, up to 170 meters (Point to point) and 100 meters (from a GigE switch) up to 4K/UHD @ 30Hz

**APA-KVM-IP-RX-P • Your Price \$859.00**



### Apantac KVM-IP-Tx Extender and KVM-IP-Rx Receiver over IP Bundle

The Apantac KVM-SET-12-II is a Dual Head KVM over IP (VGA) Extender / Receiver set for extending HDMI, VGA, USB, RS-232, Audio, IR over CATx. It supports up to 170 meters point to point extension with CAT6 cable and up to 100 meters when used with a GigE switch. The Receiver has four USB ports that support both HID and transparent USB (for USB storage and tablets) as well as bi-directional stereo audio; embedded HDMI and external stereo input.

**APA-KVM-SET-12II • Reg. \$1429.00 Your Price \$1289.00**



### Apantac KVM Receiver over IP with USB Mouse and Keyboard over Gigabit Ethernet LAN

- Supports up to 170 meters point to point with CAT6 cables or
- Supports up to 100 meters when using with a GigE Switch
- Supports HDMI, DVI or analog VGA (slide switch) input and output signals
- Supports point-to-point (Unicast), one-to-many (Multicast) for Audio/Video distribution
- Supports KVM extension/switching connected via USB
- Receiver unit has 4 USB ports to easily extend peripherals such as flash drives, keyboard and mouse
- Supports data transfer (USB attached drives) from Rx to Tx
- Supports USB touch screen extension

**APA-KVM-IP-RX • Reg. \$662.00 Your Price \$619.00**



### Smart-AVI DVI-I KVM Multimode Fiber Extender - up to 10km

The Smart-AVI FVX-3000-PRO is a single-mode fiber extender for VGA video, stereo audio, RS-232, and USB keyboard-mouse signals. Using its powerful fiber optic technology, the FVX-3000-PRO sends 1080p (1920x1080 @ 60Hz) Full HD audio-video and keyboard-mouse signals up to 10km (6.2m) away at lightning fast speeds without the risk of interference or interception.

The FVX-3000-Pro excels at transmitting and receiving HD VGA signals over long distances at incredible speeds. Outfitted with fiber optic cables popular in military and government operations, the FVX-3000-Pro is secure and resistant to outside interference.

**SAVI-FVX-3000PRO • Your Price \$2399.20**



### Smart-AVI 8-Port Secure DVI-D Matrix KVM Switch

The SDVN-84-X simulates a generic EDID as default, allowing it to operate most of the connected monitors. Both selected and non-selected

computers maintain a constant connection with the unit's video emulation controllers, allowing for ultra-fast switching and restricting discovery of newly connected monitors during switching operations. Upon activating the KVM, the unit will quickly and automatically learn new EDID for specific monitors. The unit then prevents unwanted and insecure data from getting transmitted through DDC lines by means of secure EDID learning and emulation.

**SAVI-SDVN-84-X • Reg. \$2529.00 Your Price \$2276.00**



## Netgear AV Line M4250 Series 24-Port Managed Switch



Introducing the NETGEAR AV Line of M4250 Switches, developed and engineered for audio/video professionals with dedicated service

and support. M4250 has been built from the ground up for the growing AV over IP market, combining years of networking expertise in AV with M4300 and M4500 series with best practices from leading experts in the professional AV market. AV codecs generally use 1Gbps or 10Gbps per stream and the AV Line of M4250 targets the widespread 1Gbps codecs.

**GSM4230P-100NAS • Your Price \$1199.99**

## Netgear AV Line M4250 Series 8-Port 8x1G PoE+



Netgear Pro AV Line M4250-10G2F-PoE+ Designed with input from industry professionals, this switch is engineered for 1G AV over IP. Enjoy

rear-facing ports that ensure a clean integration in AV racks.

- Groundbreaking AV GUI: A simplified user interface makes it easy to assign configuration profiles to each port.
- Multicast in an Instant: NETGEAR IGMP Plus™ provides multicast functionality right out of the box for most AV over IP applications.
- Sleek, Quiet Design: Less fan noise, and mounting ears included for under-table or wall mounting.

**GSM4212P-100NAS • Your Price \$609.99**

## Luxul AMS-1208P AV Series 12-Port/8 PoEplus GbE Managed Switch



- PoE Self-Healing with auto-recovery and power scheduling
- 10, Gigabit RJ45 Ports
- 2, Gigabit SFP ports

- 8 Ports Support 802.3af/at PoE+ with 130 Watt Power Budget • 24Gbps Switching Capacity
- Layer 3 Static Routing • 802.1Q VLAN (with Trunking) and QoS Support
- Plug-and-Play Installation with Intuitive Management
- Simple Power Management of PoE-Enabled Devices
- User Selectable Green or Blue Front facing LEDs • Fanless for Silent Operations
- Standard 19" Rack-Mount • Three Year Limited Warranty

**LUXU-AMS-1208P • Your Price \$615.00**

**LUXUL**



## StarTech PoE+ Fiber to Ethernet Media Converter 30W / SFP-RJ45 - SM/MM Fiber to Copper Gigabit Ethernet

This StarTech IMC1GSFP30W open SFP PoE fiber media converter offers an easy, inexpensive way to extend the reach of your data and power devices at remote locations using your network over fiber, using the SFP of your choice. It combines the data connectivity of a media converter with the flexible power supply capabilities of

a PoE injector. It converts a fiber network link to a POE-enabled copper RJ45 Ethernet connection to provide data and power to remote POE devices like security cameras, sensors, wireless, lighting, and more.

**ST-IMC1GSFP30W • Your Price \$262.95**

## Netgear Managed Ethernet Switch - 12 Ports

PoE+, Ultra90 PoE++ and rear-facing ports ensure a clean integration in AV racks. M4250 switches come pre-configured for



standard audio and video signals. When requirements are more specific, an AV user interface offers customization with port-based profiles. For audio Dante, Q-SYS and AES67 profiles are available, as well as an AVB profile requiring an AVB license sold separately. For video the M4250 offers profiles for NVX, AMX, Q-SYS, NDI, Dante etc. as well as audio/video/control mixed profiles. When multiple switches are used, NETGEAR IGMP Plus™ brings automation for you to just connect them together, or with M4300 and M4500 switches.

**GSM4212PX-100NAS • Reg. \$1528.72 Your Price \$979.99**

## Netgear AV Line 8x1G PoE+ 110W 1x1G and 1xSFP Managed Desktop Ethernet Switch

Netgear Pro AV GSM4210PD is an 8x1G PoE+ 110W 1x1G and 1xSFP Managed Desktop Ethernet Switch. Introducing the NETGEAR



AV Line of M4250 Switches, developed and engineered for audio/video professionals with dedicated service and support. M4250 has been built from the ground up for the growing AV over IP market, combining years of networking expertise in AV with M4300 and M4500 series with best practices from leading experts in the professional AV market. AV codecs generally use 1Gbps or 10Gbps per stream and the AV Line of M4250 targets the widespread 1Gbps codecs.

**GSM4210PD-100NAS • Your Price \$599.99**

## NETGEAR 24-Port Gigabit Ethernet Unmanaged Switch Desktop/Rackmount

- Auto-MDI/MDIX eliminates the need for crossover cables
- LED indicators for ease of use



- Energy-efficient technology for power savings
- Fanless design for silent operation (except GS348)
- Auto-negotiation for automatic connection at the highest common speed between switch and an end device
- Non-blocking switching architecture for maximum throughput at wire speed
- 802.1p QoS for traffic/frame prioritization
- Plug-and-play; no setup required

**NG-GS324-200NAS • Reg. \$171.58 Your Price \$134.99**

**NETGEAR**

## Luminex GigaCore 30i 10Gb Ethernet AV Network Switch

- 10Gb connectivity allows full network convergence of lighting control, audio, intercom, and compressed video.
- Ethernet connectivity: 24x RJ45 connectors (1Gbps)



All GigaCore switches can be managed with a single network-wide tool: Araneo. Araneo's online mode shows everything you need to know about the status of your GigaCore network.

**LMX-LUM-GC-30I • Reg. \$4305.00 Your Price \$3874.50**

**Luminex**



**Luminex**  
NETWORK INTELLIGENCE
**Luminex GigaCore 24-Port & 6-SFP  
 Port PoE Gigabit Ethernet Switch Dante  
 Switch AES67 Switch**


The Luminex GigaCore 26iPOE is a Gigabit Ethernet switch providing a budget friendly solution when port density matters. The unit comes with all the advanced functionalities of the GigaCore Ethernet switches range, in a fully AV-installation oriented package. The unit offers 26 Gigabit ports that are all connected on the front panel. Each port on the switch will have coloured mode led indications which will indicate different properties of the port such as: PoE, redundancy and group membership.

- Tailored for AV industry: Pre-configured settings that are common in the AV industry, such as QoS and IGMP snooping.
- Easy set-up: Easy group function with pre-configured VLAN's for a quick set-up

**LUM-GC-26iPOE • Your Price \$4203.00**
**CAMPLEX**
**Camplex CMX-FMC-1001 Fiber Media  
 Converter Gigabit Ethernet 1000Base-T  
 to 1000Base-SX/LX**


The Camplex FMC-1001 Fiber Media Converter is the simple solution for converting 1000Base-T Gigabit Ethernet to 1000Base-SX/LX SFP in order to change existing copper based ethernet equipment over to fiber. Use the FMC-1001 to save on the expense of

buying new equipment and extend the distances of your Ethernet signals. It's a simple plug and play system to extend a copper-based gigabit ethernet drop beyond the typical 328 foot limit.

- Convert Copper 10/100/1000Base-T to Fiber 1000Base - SX/LX
- Supports MDI/MDIX Auto-Crossover • 1 GE SFP Transceiver Slot and 2 RJ45 Ports
- Two LED Indicators for Power and Fiber Connection

**CMX-FMC-1001 • Your Price \$33.49**
**StarTech Gigabit Ethernet Copper-to-Fiber  
 Media Converter - SM LC - 6.2 Miles**

**StarTech.com**  
Hard-to-find made easy™

- Flexible network integration, with support for standalone operation, or installation into the StarTech.com Rackmount Chassis (ETCHS2U - sold separately)
- Converts copper to fiber and extends your network up to 10 km (6.2 mi.) using single-mode LC fiber-optic cable (1310 nm)

**ST-ET91000SM10 • Reg. \$318.99 Your Price \$262.50**
**Barix Barionet Programmable I/O Device Servers**

**BARIX**  
THE VOICE OF SIMPLICITY

- Support for Modbus/TCP, SNMP, CGI, HTTP and other standard protocols.
- Barix proprietary dynamic tags for creating custom web pages to display status information.

**BARIX-BAR-50 • 50 • Your Price \$245.00**
**BARIX-BAR-100 • 100 • Your Price \$335.00**
**AViPAS AV-POE4 4-Port Unmanaged PoE/ PoE+ Switch  
 Compatible with IEEE 802.3af & 802.3at**

**AViPAS**

In addition to transmitting network data, AViPAS AV-POE4 PoE/PoE+ Switch (unmanaged) has a built-in Power over Ethernet injector to supply up to 65W Power over Ethernet (PoE/PoE+) to standards-based 802.3af and 802.3at compliant devices such as IP cameras, VoIP phones, and wireless access points. When connecting network devices, the switch will detect whether they are POE-compatible and automatically supply power. DC Input: DC 52V 1.25A | Port Max: 30W, Total: 65W | PoE Output: IEEE 802.3af/at | Dimensions: 4.7x3.4x1.1inch (10x8.5x2inch w/ package) | Weight: 0.6lb (2lb w/ package)

**AV-POE4 • Reg. \$67.05 Your Price \$65.00**
**Adder ASP-001-US AdderLink Infinity  
 Manager Device - Supports 24 End Points**

- Intuitive - multi-lingual user interface
- Multiple switching methods • Full audit trail
- Configurable user access rights
- Easy centralized management
- Open API for 3rd party control
- Secure access and communications
- Redundant operation • User access rights management and audit trails
- Easy centralized management • Control Channel and Presets connections
- Internationalization • On-screen display at each user station • Remote OSD
- Choice of connection modes • Fast video and USB switching • Multicasting

**ADR-ASP-001-US • Reg. \$4670.00 Your Price \$4219.00**
**ADDER**

**LYNX Technik Yellobrik OET 1510 Fiber  
 to Ethernet Transceiver / Switch**

- Supports standard Ethernet inputs up to 1 Gbit
- 3 port Ethernet switch (1 fiber, 2 electrical)
- Auto (10/100/1000) electrical port speed detection
- Manually force 10Mbit electrical speed (if needed)
- Fiber transceiver speed always 1 Gbit • Auto or manual electrical crossover selection
- Singlemode fiber 1310nm up to 10km (6.2 miles)
- Multimode fiber 850nm up to 550m (1,804 feet) • Duplex LC optical connections

**LNK-OET-1510 • Your Price \$495.90**

**LYNXTechnik**
**Skaarhoj GPIO Controller with 1 x DB25  
 Connector Configuration - 8 GPO/ 8 GPI**

With the Skaarhoj ETH-GPI-LINK setting up an I/O device have never been this flexible. Connect and control anything from your tally lamps, trigger ATEM switcher routines, control a HyperDeck, change Scopes on a SmartScope Duo and route inputs/outputs on a VideoHub. Defining parameters - single or multiple - for inputs/outputs is extremely fast, thanks to the drop-down menu structure in the web interface. Connect and control up to 8 devices at the same time!


**SKAARHOJ**
**SKA-ETH-GPI-LINK • Your Price \$694.82**


## Netgear SFPplus Transceiver 10GBase-Short Range for Multimode 50/125 OM3 or OM4 fiber



- Provides an extensible design that enables Service prioritization for data.
- Design that delivers high availability, scalability, and for maximum flexibility and price/performance.
- 10 Gigabit Ethernet "short range" fiber connectivity.

**NETGEAR**

- LC duplex connector. • Fits into SFP+ interfaces of M5300, M7100 and M7300 series Managed Switches.
- Fits into SFP+ interfaces of select Smart and Plus Switches. • Drives 10 Gigabit Ethernet up to 550 m (1,804 ft) distances with 50/125µm OM4 multimode fiber cables.
- Drives 10 Gigabit Ethernet up to 300 m (984 ft) distances with 50/125µm OM3 multimode fiber cables.
- Drives 10 Gigabit Ethernet up to 33 m (108 ft) distances with 62.5/125µm OM1/OM2 multimode fiber cables.

**NG-AXM761-100005 • Reg. \$500.00 Your Price \$389.99**

**AJA**



## AJA FIBERLC-2 Dual LC 3G Fiber SFPs

AJA's FIBERLC-2-TX Single module LC 3G Fiber is a Duplex LC fiber TRANSMITTER SFP for AJA's rackmount converters. AJA's Single module LC 3G Fiber is a Duplex LC fiber RECEIVER SFP for AJA's rackmount converters.

**AJA-FIBERLC-2-TX • Transmitter • Your Price \$375.00**

**AJA-FIBERLC-2-RX • Receiver • Your Price \$375.00**

## AJA 1-Channel 12G-SDI Single Mode LC Fiber Receiver SFP



The AJA Video FIBERLC-1RX-12G is a frame sync fiber receiver option for their FS-HDR and FS4 frame synchronizers/converter offerings. FS-HDR's SFP options include both 12G/6G-SDI HD-BNC and Fiber I/O options including single and dual channel Single-Mode options and Multi-Mode options, allowing great SDI flexibility and fiber cable

runs of up to 6.21 miles (10 kilometers) to be connected directly to the FS-HDR without the need for separate fiber to SDI conversion.

**AJA-FIBERLC1RX12 • Your Price \$375.00**

## Adder 10GbE SFP Multimode Fiber Module LC Connection



The Adder SFP-MM-LC-10G is a Multi-mode Fiber SFP module with LC connectors for use with the AdderLink INFINITY 4000 series. SFP-MM-LC-10G provides 10Gbps data rate up to 300 Meters away. SFP-MM-LC-10G modules

require OM1, OM2, OM3 or OM4 multi-mode fiber cables.

**ADR-SFP-MM-LC10G • Reg. \$83.00 Your Price \$74.70**

## Fiberplex Singlemode Optical SFP 1310nm Transceiver 20Km



The SFP transceivers are high performance, cost effective modules supporting a host of data rates and distances.

- Duplex LC connector
- Hot-pluggable SFP footprint
- RoHS compliant and Lead Free
- Metal enclosure for lower EMI
- Single +3.3V power supply

- Low power dissipation <800mW • SFP MSA SFF-8074i Compliant

**SFP-SC24XC-3131B • Your Price \$104.14**

## Netgear AV 10GBase-LR LITE Single Mode LC Duplex Connector up to 2km - 1.2 Miles



**NETGEAR**

Netgear ProSAFE AXM764-100005 10 Gigabit Base-LR Lite SFP+ Single Mode Module - For Data Networking, Optical Network-10 Transceiver. The 10 Gigabit BASE-LR LITE SFP+ module transmits at 10 Gbps over single mode fiber (SMF) for up to 2 Km.

**NG-AXM764-100005 • Your Price \$149.00**

## TechLogix 1GBASE-LX/LH SFP 1310nm 20km DOM Transceiver - Single Mode Fiber

TechLogix SFP transceiver modules adapt TechLogix fiber technology to different cable formats. The TL-1GSFP-SM20K transmits 1G signals up to 20 km (12.4 miles) over duplex single mode fiber.

- Compatible with TechLogix TL-FO-USB2-01 & TL-FO-USB3-01 extenders
- Hot-pluggable SFP 20-pin connector • Single mode fiber compatible
- Duplex LC connectors • 1000Mbps max data rate
- 20km/12.4 mile max cable distance • DOM support (Digital Optical Monitoring)

**TGX-TL1GSFPSM20K • Reg. \$49.91 Your Price \$47.41**

## OMC Tech 1G Copper SFP with 10/100/1000Mbps

The OMC Tech PT4-C0-7D13K-A4 supports SGMII with 10/100/1000 Mbps and SerDes with 1000Mbps only, the 1000BASE-T copper small form pluggable (SFP) transceiver is based on the SFP multi source agreement (MSA). The PT4-C0-7D13K-A4 supports both RX\_LOS pin for link indication and 1000BASE-X auto-negotiation.



**OMC-PT4C07D13KA4 • Your Price \$99.00**

## ADDER SFP-MM-LC Link Multimode SFP Fiber Transmitter with LC Connector for ADDERLink INFINITY - 1Gbps

The ADDER SFP-MM-LC is a Multimode Fiber SFP Transceiver with LC Connector for use with the ADDERLink INFINITY series. ADDERLink Infinity ALIF 1002 and all ALIF Dual variants (all sold separately) provide a choice of link connections. Each supports Copper-Based Gigabit Ethernet (1000Base-T) as well as Fiber Channel over Ethernet (FCoE). ALIF (1002) and ALIF Dual units provide a single system port (CATx) as standard on the right side of the front panel.



**ADDER**

**ADR-SFP-MM-LC • Your Price \$58.50**

## Fiberplex MADI (AES10-2003 compliant) SFP Module

The Fiberplex SFP-BA10XC-0000-M is a medium reach electrical transceiver SFP module designed to transmit and receive MADI signals up to 125 Mbps over 75ohm coaxial cables via HD-BNC connectors. The cable driver amplitude and edge rate are automatically configured in order to achieve compliance to AES10-2003. These MADI modules are non-MSA compliant and would NOT be compatible with the WDM16



**FIBERPLEX**

**SFP-BA10XC0000-M • Your Price \$406.19**



## Field-cast FC-C9800 Duplex LC 12G SFP Optical Transceiver Blackmagic Design Compatible



- 1310nm video LC SFP • Bidirectional TxRx Transceivers where Tx stands for Transmitter and Rx for Receiver • Available in 12G, 6G and 3G • Compatible with a wide range of optical fiber video equipment, such as Blackmagic Mini Converter Optical Fiber 12G, Blackmagic Studio Camera (4K), ATEM Talkback Converter 4K, ATEM Studio Converter, ShieldRock Optical-Fiber Extenders

**BMD-FC-C9800 • Your Price \$185.00**

## Blackmagic Design SFP Optical Module



Blackmagicdesign

The Blackmagic Design BD SFP Optical Module Adapter is a spare host adapter for the ATEM Studio Converter, ATEM Talkback Converter and Blackmagic Studio Cameras. This adapter is fully utilized by products that support 3G/6G SDI.

**BMD-ADPT-3GBIOP • 3G • Your Price \$139.00**

**BMD-ADPT-6GBIOP • 6G • Your Price \$285.00**

**BMD-ADPT-12GBI-O • 12G • Your Price \$395.00**

## Barnfind SDI/HD-SDI and 3G-SD Maximum Data Rate Video SFP

**3G Distance 10km/6 Miles - 1310nm**

- SMPTE 297-2006 Compatible • Hot-Pluggable SFP Footprint LC Optical Transceiver • Small Form-Factor Pluggable (SFP) MSA compatible • Speed from 50Mbps to 3Gbps with up to 2km Single mode Fiber • Distance up to 2km for 3G-SDI • Support Video Pathological Patterns for SD-SDI, HD-SDI and 3G-SDI



**B** Barnfind Technologies

**BTSFP-LX-SM-3G10 • 1310nm • Reg. \$200.00 Your Price \$200.00**

## Riedel LC Optical Dual Transmitter 12G/6G/3G/HD/SD-SDI UHD Video SFP - Medium Haul 1310nm - Non-MSA

- High-density and future-proof architecture • Pathological signal support • Superior jitter management and signal regeneration • Monitoring and diagnostics at the edge of your product via serial communication • Superior link budget performance compares to the ST-297 specification • Highest optical performance (fiber stub) and lowest defect rate in the market • 35km • Multiple I/O configurations for loopback, distribution amplifier built-in • Patented latch prevents undesired disconnects



**R** RIEDEL

**EB12LC2T-SN-13D • Call for Price**

## Riedel LC Optical Dual Receiver 12G/6G/3G/HD/SD-SDI UHD Video SFP - Medium Haul - Non-MSA

- High-density and future-proof architecture • Pathological signal support • Superior jitter management and signal regeneration • Monitoring and diagnostics at the edge of your product via serial communication • Superior link budget performance compares to the ST-297 specification • Highest optical performance (fiber stub) and lowest defect rate in the market • Multiple I/O configurations for loop-back, distribution amplifier built-in



**R** RIEDEL

**EB12LC2R-MN-P • Call for Price**

## LevelOne SFP-3211 1.25Gbps Single-mode SFP Transceiver - 20km - 1310nm

LevelOne SFP-3211 is a high performance and cost-effective single-mode SFP transceiver. Intended for use with Gigabit Ethernet, it provides up to 1.25 Gbps bidirectional data transfer rate on a single duplex fiber core. For use with 9 and 125 micron fiber cables, it can reach a distance of up to 20km. The SFP-3211 transceiver operates using a wavelength of 1310nm with a FP Laser Diode light source and has an LC port.



**levelone**

**LVL1-SFP-3211 • Your Price \$16.49**

## Luminex GigaCore 1.25Gd Mini GBIC Singlemode Fiber Transceiver - LC Duplex

This transceiver offers to increase the distance coverage of your GigaCore Ethernet switch, by using a single mode fiber link. Up to 10km.

**LUM-SMLCSFP • Reg. \$275.00**

**Your Price \$247.50**



**Luminex**

## Complex 10G Ethernet Single Mode LC SFP Transceiver

The Complex FMCTRX001 is a 10G compatible LC SFP transceiver designed to carry HDMI carries signals up to 12.43 miles over single mode fiber. This unit is designed to work in HDMI extenders featuring an SFP port and utilizes a fiber optic port with LC connection for signal extension.



**CAMPLEX**

- Singlemode Fiber/10G Ethernet • Duplex or Simplex LC Connector • Transmits up to 12.43 miles over Single Mode Fiber • Hot Swappable • IEEE 802.3ae & SFF-8431 Standards

**CMX-FMCTRX001 • Reg. \$134.95 Your Price \$129.95**

## LYNX Technik Yellobrik SDI Optical Transceiver SFP Modules



- SDI multi-rate optical transceiver for 3G-SDI, HD-SDI and SD-SDI signals
- Receiver and transmitter in single package
- Support for SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
- 1310nm TX Wavelength - singlemode
- LC Duplex fiber connections

**LYNXTechnik**

- Receive wavelengths 1260 to 1620nm according to ITU-T G694.2 • TX Distances up to 10km
- For use with yellobrik and Series 5000 product lines
- Pluggable and hot swappable • Lead free and RoHS compliant

**LNK-OH-TR-1 • Reg. \$335.00 Your Price \$318.25**

**LNK-OH-TR-12-LC • 12G-SDI LC Module • Reg. \$634.00 Your Price \$602.30**

## Riedel Dual Transmitter - 12G/6G/3G/HD/SD-SDI UHD Video SFP (emSFP) Medium Reach - Reclocked - Non-MSA



**R** RIEDEL

- High-density and future-proof architecture • Superior jitter management and signal regeneration • Monitoring and diagnostics at the edge of your product via serial communication • Superior link budget performance compares to the ST-297 specification • Highest optical performance (fiber stub) and lowest defect rate in the market • Multiple I/O configurations for loopback, distribution amplifier built-in

**EB12HD2T-MNR • Transmitter • Call for Price**

**EB12HD2R-MNR • Receiver • Call for Price**



## NTI USB-C5-200 USB Extender via CAT5: Extend to 200 Feet



- Extend self-powered and/or bus-powered USB peripheral devices (security cameras, printers, scanners, keyboards, etc.).
- Transparent data extension.
- Compatible with USB computers (PC, SUN, MAC).
- Compliant with USB 1.1 (low/full speed) specifications.
- Supports Plug-n-Play specification.
- High quality, rugged steel construction with durable powder coat finish.
- Meets the electrostatic discharge (ESD) immunity requirements of IEC/EN 61000-4-2.

**NETT-USB-C5-200 • Your Price \$280.00**

## ADDER 4 Port USB2.0 Extender over GbE LAN - Transmitter



- Transparent USB2.0 operation • 328 feet/100m extension distance
- Switchable and routable • USB2.0 Hi-speed for mass storage devices plus:
- USB2.0 (low and full speed) for keyboard, mouse, tablet and touch screen
- Supports USB3.0 controllers • Isochronous support for audio devices and web cams

**ADR-C-USB-LAN-TX • Reg. \$565.00 Your Price \$515.00**

The ADDER C-USB-LAN-TX is a high performance USB extender receiver that works with the USB-LAN-RX receiver (sold separately) to enable you to locate your critical computing hardware away from the user work station while maintaining the original user desktop experience. It can transmit USB2.0 over a single CATx cable or via a 1GbE IP network.

## Gefen Ext-USB2.0-SR Gefen USB 2.0 SR Extender Over one CAT-5 Cable



Extend USB 2.0 up to 50 meters/165 feet, over a single CAT-5 Gefen's EXT-USB2.0-SR extends high-speed USB devices over a single CAT-5e cable, up to 50 meters/165 feet. It works with all major operating systems -- Windows, macOS and Linux. No software drivers



are required. The Sender and Receiver units install in minutes without any configuration, and support USB versions 2.0 and 1.1 - essential for high-performance applications such as digital imaging and interactive gaming.

- Supports USB 1.1 and 2.0 • Uses industry-standard CAT-5e or better cable
- Supports all major operating systems -- Windows, macOS and Linux

**GEF-EXT-USB2-0SR • Reg. \$410.55 Your Price \$331.00**

## Gefen EXT-USB2.0-LR USB 2.0 Extender



- Operate USB 2.0 peripherals up to 330ft (100m) from a computer.
- Supports low and high-speed USB.
- Uses industry-standard CAT5, CAT5e, or CAT6 cable.
- Supports all major operating systems -- Windows, MacOS and Linux.
- True plug-and-play, 100% hardware solution with no drivers required.

- Operates at full 480 Mbps speed when running in USB 2.0 mode.
- Link Connector: RJ-45 Shielded. • USB Connector (Sender): (1) USB type B.

**EXT-USB20-LR • Reg. \$802.62 Your Price \$520.00**

## Ocean Matrix USB 2.0 Extender

### Send Signals up to 150 Meters over a Single CAT6A Cable!



Broaden the reach of your USB 2.0 signals well beyond the typical 15 foot limitation of standard cables using the cost effective Ocean Matrix 01UBUB0001 USB Extender. It's the practical solution for situations where longer cable lengths are required and you can't sacrifice data transfer speeds or reliability.

The OMX system, containing a transmitter and receiver, is capable of signal extension up to 490 feet (via CAT6A) allowing users to create a centralized control hub for computers, media players, security equipment and similar USB devices without the expense of rewiring or relocating existing equipment.

**OMX-01UBUB0001 • Your Price \$149.95**



## ATEN USB 3.1 Gen1 Extender/USB Data Transfer Cable

The ATEN UE3310 USB 3.1 Gen1 Extender Cable allows users to extend the distance between the computer and USB devices up to 10 m. The UE3310 provides a reliable, high performance data transmission that utilizes USB 3.1 Gen1 data bandwidth up to 5Gb/s and also backward compatible with USB 2.0/1.1 standard. It's plug and play and no additional software installation required, easy to



**ATEN-UE3310 • Reg. \$114.00 Your Price \$94.95**

## USB Extender over CAT5E or CAT6 Connection up to 150ft



area. Our USB over Cat5e/6 Extender eliminates the range limit obstacle by allow you to extend USB connection over an astounding 150ft by using cheap, economical Cat5e/6 cables. This can be especially convenient if you already have unused Ethernet cabling pre-installed in your walls.

- Extends the distance of a USB device from a USB-enabled computer up to 150ft.
- Ideal for use with USB cameras, printers, web cams, keyboard/mouse extensions, and any other USB device. • Self-powered so no external power source is required.

**CTX-USBCAT-150 • Reg. \$34.95 Your Price \$19.95**

## C2G 1-Port USB-C Extender Transmitter to Receiver Kit USB 3.2 Gen 1 (5Gbps) - Plenum Rated



The C2G C2G54279 1-Port USB-C Extender Transmitter to Receiver Kit - Plenum-Rated is a perfect solution for classrooms, conference rooms, and huddle spaces needing an innovatively simple yet powerful solution for extending USB signals beyond their native 16.4-foot length limitation.

Using USB 3.2 Gen 1, this solution provides increased bandwidth and faster data transfer speeds, up to 5Gbps, at lengths up to 33ft. The solution offers bus power with optional 5V 3A DC input (not included). Plug and play installation is quick and easy, with no software or drivers required. Reduce cable clutter by running the included 33ft Plenum-Rated link cable between connections.

**C2G-C2G54279 • Your Price \$1584.99**



## Hall Technologies U22-160-DP USB 2.0 Over UTP Extender Decora Wall Plate with 2-Port Hub



The U22-160-DP extends your host PC's USB 2.0 port across a single Cat5e/6 cable to 50 meters (165 ft) with data rates up to 480 Mb/s.

In most instances, no power supply is needed for either side as the local (host) side gets its power from the PC and it sends PoC (Power-over-Cable) to the remote (device) side. However for convenience a power supply is included that can be plugged in to the remote end for power hungry USB devices.



- Extends USB 2.0 devices up to 165 ft (50 m) using Cat5

- Supports high-speed, full-speed, and or low-speed devices

**HRT-U22-160-DP • Your Price \$235.65**

## Hall Research U22-160 USB 2.0 over UTP Extender with 2 Port Hub



- Extends USB 2.0 devices up to 165 ft (50 m) using Cat5
- Supports high-speed, full-speed, and or low-speed devices
- Status LEDs indicate Power and Data
- Supports Hot Plug/Unplug
- Can power most USB devices without power supply



- Plug and Play installation • Surface/Wall mount brackets included

**HRT-U22-160 • Reg. \$187.55 Your Price \$178.17**

## Icron Raven 3104 USB 3-2-1 4-Port USB 3.1 Over Cat6/7 Extender System



- USB 3.1 Gen 1 data rate up to 5Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.1 Gen 1 ports
- 100/1000 Ethernet channel; LAN pass-through

- Single cable, CAT 6a/7 up to 100m
- Point-to-point connection • FCC and CE (Class B) compliant

**ICR-3104 • Your Price \$1165.00**



## Atlona USB 2.0 Extender Kit over Category Cable up to 328-Foot (100m)

- Point-to-point extender kit for USB devices such as cameras, speakers, and microphones as well as standard HID class peripherals
- Extends USB signals up to 330 feet (100 meters) over a single category type twisted pair cable
- USB 2.0 compatibility with a maximum data rate of 280 Mbps supported over HDBaseT
- Transmitter features USB type B interface for connection to a host PC, plus two USB type A ports for peripheral devices • Receiver features four USB type A ports for peripheral devices



**AT-USB-EX100-KIT • Your Price \$621.00**

## Icron 2311 USB 2.0 Ranger Single Port CAT 5e/6/7 100m Extender

The USB 2.0 Ranger® 2311 allows users to extend USB 2.0/1.1 connections up to 330 ft (100m) over a single CAT 5e/6/7 cable. This USB 2.0 extender with flexible power provides installers the choice of applying power at either the LEX or REX, wherever most convenient. The Ranger 2311 is plug and play - no software drivers required - and works with all major operating systems: Windows®, macOS™, and Linux®



**ICR-2311 • Reg. \$365.00 Your Price \$345.00**

## Icron Raven 3104-PRO USB 4-Port 3.2 Over Cat6/7 Extender System

- USB 3.2 Gen 1 data rate up to 5Gbps
- Supports all USB 3.1, 2.0, 1.1 devices simultaneously at full bandwidth
- Four available 3.2 Gen 1 ports
- 100/1000 Ethernet channel; LAN pass-through
- Single cable, CAT 6a/7 up to 100m
- Supports all USB transfer types (Control, Interrupt, Isochronous and Bulk)
- Optimized for camera and video capture devices
- Plug and play; no software drivers required • Works with all major operating systems



**ICR-3104-PRO • Reg. \$1802.00 Your Price \$1735.00**

## Icron 2312 2-Port USB 2.0 100m CAT 5e-6-7 Extender System with Flexible Power

The Icron USB 2.0 Ranger 2312 with flexible power extends high-speed USB 2.0 connections up to 100m using CAT 5e/6/7 with the option to power either the LEX (Local Extender) or REX (Remote Extender). Perfect for: keyboards, mice, interactive white boards, flash drives, hard drives, audio devices, USB 2.0 web cameras and any other USB 2.0 or 1.1 device. Additionally, it is FCC/CE Class B certified.

- Flexible power - adapter to either the LEX or REX • Supplies up to 1.5 Amps total when both USB ports used • Mass Storage Acceleration for USB 2.0 device bulk transfer speeds



**ICR-2312 • Reg. \$418.00 Your Price \$399.00**

## Icron USB 2.0 Ranger CAT 5e/6/7 100m Extenders

- Applications: Remote storage | Security and monitoring | Professional Audio-Visual | Keyboard and mouse
- Direct Connect: Up to 100m (330 ft) over solid core CAT 5e/6/7
- USB 2.0 throughput up to 480Mbps
- Supplies up to 1 Amp to USB port
- Operates with all USB controllers • Mass Storage Acceleration
- Includes the ExtremeUSB® suite of features: Transparent USB extension, True plug and play; no software drivers required, Works with all major operating systems: Windows®, macOS™, Linux® and Chrome OS™
- LAN Models: • Pre-paired networked configuration for simple installation
- Network Connect: Up to 100m (330 ft) between switches over solid core CAT 5e/6/7



**ICR-2301 • 2301 Single Port Extender • Your Price \$370.00**

**ICR-2304 • 2304 Four Port Extender • Your Price \$395.00**



## Studio Technologies Live-Link Jr. Camera End Unit OpticalCON DUO



**STUDIO TECHNOLOGIES INC.**

Studio Technologies LLJR-CA-101 Live-Link Jr. is a Camera End Unit with opticalCON® DUO. Live-Link™ Jr. is a highly-integrated camera extender system optimized for electronic news gathering (ENG), uplink truck, and specialized broadcast applications. The portable camera end unit and rack-mounted truck end unit provide all the resources needed for a single-camera live event. Linked using just two single-mode optical fibers, the same excellent performance will be supplied whether the units are hundreds of feet or miles apart. Notable features of the Live-Link Jr. system include performance flexibility, support for high-quality on-air (program), talent cue (IFB) and intercom audio, and ease of use.

STCH-LLJR-CA-101 • Your Price \$4825.00

## Studio Technologies Live-Link Sr. Control Room Unit Portable Version ST Optical Connectors



**STUDIO TECHNOLOGIES INC.**

- Transports digital video, audio, and data over two single-mode optical fibers
- Supports standard 3G/HD/SD-SDI digital video formats
- Four mic/line inputs with selectable gain and +48 V phantom power
- Two line-level audio paths for IFB or general-purpose use
- Party-line intercom interface with 28 V beltback power

- 2-wire-to-4-wire auto nulling hybrids for excellent intercom audio
- 10/100/1000 (Gigabit) Ethernet • RS-232 and RS-422 for camera control
- Available with Neutrik opticalCON® DUO for fast, reliable fiber connectivity

STCH-LL-3G-CR065 • Your Price \$9550.00

## Studio Technologies Live-Link Jr.



**STUDIO TECHNOLOGIES INC.**

Studio Technologies LLJR-TE-106 Live-Link Jr. is a Truck End Unit with 1 ST Connector. Live-Link™ Jr. is a highly-integrated camera extender system optimized for electronic news gathering (ENG), uplink truck, and specialized broadcast applications.

- 3G/HD/SD-SDI support • All audio transported embedded into SDI paths
- Integrated party-line and 4-wire intercom support • Excellent audio quality throughout
- AC and DC powering of Truck End unit • Full SMPTE®-standards compatibility
- Standard optical, video, and audio connectors
- Hybrid fiber/copper powering of Camera End unit

STCH-LLJR-TE-106 • Your Price \$5170.00

## Studio Technologies Model 400 SDI-Over-Fiber Transport



**STUDIO TECHNOLOGIES INC.**

The Model 400-3T/3R provides three channels of electrical-to-optical (E2O) and three channels of optical-to-electrical (O2E) transport. The front panel of each unit features a day-/night-readable color backlit display, menu navigation buttons, status LEDs, and power on/off switch. The back panels include connections for AC mains and DC power, ST or SC (optional) optical connectors, BNC connectors, and an RJ45 jack for the Ethernet interface.

STCH-M400-3T-3R • Your Price \$4650.00

## Camplex CMX-3GSFP-TR Mini 1-Channel Uni-Directional 3G-SDI over Single Mode Fiber Extender

**Sends 3G-SDI Over One LC Single Mode Fiber up to 18.6 Miles!**

If you're looking to extend 3G SDI over single mode fiber LC, nothing meets the standards demanded by broadcast video engineers better than the Camplex CMX-3GSFP-TR. Its compact size and light form factor makes it perfect for OB truck camera links in sports and live productions especially when you need to cover the longest distances and maintain 1080p@60Hz quality video. Units are compatible with SMPTE 424M, 292M, 259M, 297M, 305M, 310M, M2S, DVB-ASI and DVB-SDI signal Standards. LED indicators are included on the products to help indicate fiber connection, power and SDI signal presence.

CMX-3GSFP-TR • Reg. \$389.95 Your Price \$364.95



**NEW**

## Camplex CMX-3GSDI-TR Single Mode 3G/HD/SD SDI Over Fiber Extender Set

Extend the 3G-SDI signal from your cameras or production switcher over 6 miles of singlemode fiber with the Camplex CMX-3GSDI-TR. Needing just 5-volts of power, it's the perfect compact tool for outside broadcast productions and live event video shoots. Add a Camplex ST fiber optic tactical cable and you're ready to shoot in any long distance environment! The CMX-3GSDI-TR fiber converter extends a 3G, SDI or SD signal at resolutions up to 1080p@60Hz.

CMX-3GSDI-TR • Reg. \$649.95 Your Price \$599.95



**HOT**

## Camplex 12G SDI Over Singlemode Fiber Extender SFP-Based Transmission System

Harness the power of long-haul 12G-SDI transmission with the Camplex CMX-12GSDI-TR fiber extender. This single-link system is engineered to deliver exceptional image resolution and embedded audio over singlemode fiber up to 6 miles.

- Extends 12G/6G/3G/HD/SD-SDI up to 6.2 miles over Singlemode Fiber • SFP Based (small form-factor pluggable) fiber connector • Embedded Audio • Rugged Metal Housing • 1 Reclocking SDI Loop Out on TX • Immune to RP-198 Interference • Input: TX - BNC (SDI)/ RX - SFP LC Simplex Singlemode (SDI) • Output: TX - SFP LC Simplex Singlemode (SDI), BNC (SDI)/ RX - BNC (SDI)

CMX-12GSDI-TR • Reg. \$599.95 Your Price \$549.95



## LYNX Technik Yellobrik OTT 1812 SD/HD/3G - Dual Channel SDI to Fiber Converter Transmitter/Receiver

When paired with (e.g. yellobrik OTT 1812, OTX 1812, OTX 1842 etc) you have a very cost-effective optical transmission / receiver system for signals up to 1080p60 (3Gbit/s), while preserving full uncompressed quality.

- 3Gbit Level A and Level B support • Auto reclocking 270Mbit / 1.5Gbit / 3Gbit • Error free optical transmission • Up to 10km (6.2 miles) @ 3Gbit/s • Duplex LC/PC singlemode optical connection • Supports hot swapping and hot plugging

LNX-OTT-1812 • Transmitter • Reg. \$599.00 Your Price \$569.05

LNX-ORR-1802 • Receiver • Reg. \$599.00 Your Price \$569.05



**LYNX Technik**

**HOT**





### AJA FiDO-TR 1-Channel 3G-SDI/LC Single-Mode LC Fiber Transceiver



AJA FiDO-TR offers unmatched flexibility and cost efficiency for SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft) with electrical isolation - useful for eliminating ground loop problems.

FiDO converters use a compact, low profile enclosure that works well in tight spaces around and behind equipment racks, trucks and on camera. All AJA Mini-Converters ship with a universal power supply that includes international plug connections for use around the world.



- 1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver
- 3G/HD/SD-SDI input and output • Duplex connection (LC connector)

**AJA-FIDO-TR • Transmitter • Your Price \$815.00**

### AJA 1-Channel ST Fiber to SDI Out



The AJA FiDO-T-ST offers unmatched flexibility and cost efficiency for SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft) with electrical isolation - useful for eliminating ground loop problems.

- 1-Channel 3G-SDI to Single Mode ST Fiber Transmitter, with SDI loop out

- Simplex connection (ST connector) • 3G/HD/SD-SDI input
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- Five year warranty • 1x Universal power supply

**AJA-FIDO-R-ST • Dual SDI Outputs • Your Price \$559.00**

**AJA-FIDO-T-ST • Looping SDI Out • Your Price \$559.00**

### AJA 12G-SDI Single-Mode Fiber Extenders

AJA FiDO 12G extenders offer unmatched flexibility and cost efficiency for 12G/3G/HD/SD-SDI Fiber conversion, allowing for cable runs up to 10 km (32,808 ft) over standard single-mode fiber optic cable.

FiDO converters use a compact, low-profile enclosure that works well in tight spaces around and behind equipment racks, trucks and on camera. Uses 5-20VDC power (DWP-U-R1 universal power supply included). Five year warranty. Universal power supplies included.



**AJA-FIDO-2T-12G • 2-Channel LC Transmitter • Your Price \$1659.00**

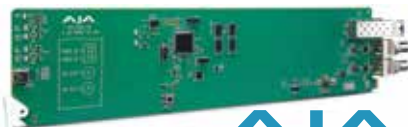
**AJA-FIDO-2R-12G • 2-Channel LC Receiver • Your Price \$1659.00**

**AJA-FIDO-T-12GST • 1-Channel ST Transmitter • Your Price \$1135.00**

**AJA-FIDO-R-12GST • 1-Channel ST Receiver • Your Price \$1135.00**

### AJA 2 Channel Single Mode LC Fiber to 3G-SDI Receiver - Dashboard Support

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 2x Single Mode LC Fiber
- Outputs: 2x 3G-SDI BNC
- Monitor via open Gear Dashboard



- Input Present and Input SMPTE Lock LEDs • Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 1260-1620 nm • Power: 2.5 watts

**AJA-OG-FIDO-2R • Your Price \$815.00**

### Blackmagic Design Mini Converter - Optical Fiber 12G

The Mini Converter Optical Fiber 12G by BlackMagic Design converts SDI to optical fiber and optical fiber to SDI in both directions at the same time, you can even have different video standards going in each direction! The 12G-SDI connections are multi rate, which makes it compatible with all SD, HD and Ultra HD formats and equipment up to 2160p60, including Level A and B devices. You can install any standard 3G, 6G or 12G-SDI SFP optical fiber module so you can send SDI using the same low cost optical fiber cables that are commonly used for computer networks. Mini Converter Optical Fiber 12G features a standard SFP type socket that lets you add any SMPTE compatible 3G, 6G or 12G-SDI SFP module.



Blackmagicdesign

**BMD-OPTCLFIBR12G • Your Price \$165.00**

### Digital Forecast UHD QOTR Quad 3G TX/RX Extender Bundle with Duplex LC SingleMode

The Digital Forecast Bridge UHD\_QOTR is a device for converting 4 independent input signals of 3G SDI to dual core LC fiber optical signals. Bridge UHD\_QOTR also offers Bidirectional transmission. Not only is it able to transmit 4 independent signals but it can also receive 2 3G-SDI channels.



- Transport of Quad-Link 3G-SDI and 3G/HD/SD-SDI up to 10km
- UHD 4K (Quad 3G-SDI to Optic) supported
- LC single mode dual core fiber used



**DF-UHD-QOTR • Your Price \$1472.00**

### AJA FiDO-R 1-Channel Single-Mode LC Fiber to 3G-SDI



AJA FiDO-R 1-Channel Single-Mode LC Fiber to 3G-SDI Receiver. AJA FiDO-R offers unmatched flexibility and cost efficiency for SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft)

- 2-Channel Single Mode LC Fiber to 3G-SDI Receiver

- Duplex connection (LC connector)

- Dual, independent 3G/HD/SD-SDI outputs
- Both Fiber-to-SDI paths are completely independent
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)

**AJA-FIDO-R • Reg. \$559.00 Your Price \$559.00**

### AJA FiDO-4 4K/UltraHD Four-channel 3G-SDI to ST Fiber Mini-Converters



AJA's FiDO-4T-ST offers unmatched flexibility and cost efficiency for 4-channels of SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft) with electrical isolation - useful for eliminating ground loop problems.

- 4-Channel 3G-SDI to Single Mode Transmitters and Receivers
- 4 independent channels of 3G/HD/SD-SDI input

**AJA-FIDO-4T-ST • 4-Channel ST Transmitter • Your Price \$1869.00**

**AJA-FIDO-4R-ST • 4-Channel ST Receiver • Your Price \$1869.00**

**AJA-FIDO-4T • 4-Channel LC Transmitter • Your Price \$1869.00**

**AJA-FIDO-4R • 4-Channel LC Receiver • Your Price \$1869.00**



## Multidyne SilverBullet Dante Certified Mini Rattler 12G HD/SDI Fiber Optic Link Kit - TX/RX & Case



- Fiber transport from 5Mbps to 3Gbps
- Supports SMPTE 424M, 292M, 259M, 310M, 344M, 305M & DVB-ASI

- Equalizes 120m of Gepco VSD2001 or Belden 1694A cable
- Equalizes 150m of Gepco VSD2001 or Belden 1694A cable at 1.485Gb/sec
- Supports embedded audio and data
- Monitor optical power level at RX
- Non re-clocking
- Singlemode fiber recommended
- ST optical connector
- Small, rugged, portable
- Stand alone or rack
- Power supplies and convenient case included

<b>SILVERBULLETKT12</b>	Transmitter & Receiver Kit.....	<b>Your Price \$1880.00</b>
<b>SB-12G-FTX-ST</b>	Transmitter Only.....	<b>Your Price \$940.00</b>
<b>SB-12G-FRX-ST</b>	Receiver Only .....	<b>Your Price \$940.00</b>

## Multidyne SilverBullet Mini 3G HD/SDI Fiber Optic Link Receiver/Transmitter



- Fiber transport from 5Mbps to 3Gbps
- Supports SMPTE 424M, 292M, 259M, 310M, 344M, 305M & DVB-ASI
- Equalizes 120m of Gepco VSD2001 or Belden 1694A cable at 3 Gb/sec
- Equalizes 150m of Gepco VSD2001 or Belden 1694A cable at 1.485 Gb/sec



Supports embedded audio and data

- Non re-clocking
- Singlemode fiber recommended
- ST optical connectors

**SB-3G-FTX-ST** • Transmitter • **Your Price \$575.00**

**SB-3G-FRX-ST** • Receiver • **Your Price \$575.00**

## Multidyne SilverBullet Mini 3G HD/SDI Fiber Optic Link Kit - Transmitter/Receiver & Case

The SilverBullets are a highly portable and economical solution for transporting multi-rate SDI signals from 5 Mb/sec all the way up to 3 Gb/sec on singlemode or multimode fiber.

- Fiber transport from 5Mbps to 3Gbps
- Supports SMPTE 424M, 292M, 259M, 310M, 344M, 305M & DVB-ASI
- Equalizes 120m of Gepco VSD2001 or Belden 1694A cable at 3 Gb/sec
- Equalizes 150m of Gepco VSD2001 or Belden 1694A cable at 1.485 Gb/sec

**SILVERBULLET-KIT** • **Your Price \$1149.00**

## Thor Fiber 4Ch HD-SDI Transmitter & Receiver Kit



The Thor F-M4SDI kit provides impressive density with a wide range of features. These units are the same size as the two channel systems, but provide double the video inputs. Just like all other Thor mini SDI transmitters and receivers, only one fiber is needed for all of the data.

- Supports 4 full rate HD-SDI @ 1.5Gbps or lower SDI or ASI digital video
- Transports embedded audio channels as well as SDI ancillary data
- Return path serial RS-485 channel for controlling equipment on Tx end

**THR-M4SDI-TX-RX** • Reg. \$2994.00 **Your Price \$2495.00**



## Barnfind BarnColor-3G-SDI-B Video over Fiber Solution with 4x 3G-SDI Forward/4x 3G-SDI Returns



Barnfind BarnColor-3G-SDI-B is a video over fiber solution with 4x 3G-SDI Forward and 4x 3G-SDI Returns in blue (1550/1570/1590/1610). Designed to be a cost-effective and easy-to-deploy solution for transmitting multiple video signals both directions on a single fiber cable. BarnColor allows you to handle up to 32 x 3G-SDI signals (16 forward and 16 returns). Each BarnColor device handles up to 8 signals (4 forward and 4 returns) and up to 4 different colors of BarnColors can be daisy chained. This flexible system is easy to install and is well suited for both fixed and temporary installations.

**BRN-BCOLOR3GSDIB** • Reg. \$2750.00 **Your Price \$2750.00**

## Barnfind 12G BNC Transmitter Receiver with Open SFP Port



- Use any SFPs from Barnfind or any other SFP supplier as long as they are MSA compatible.
- All BNCs and SFP outputs are re-clocked.
- Unique HDMI to SDI solutions with any fiber distance depending on SFP selection.
- Multimode to Singlemode conversion in one Mini.

**BRN-BARNMINI-11** • **Your Price \$750.00**

## Thor Fiber 4-Channel Fiber Optic Media Converter Composite Video & Return Data Over Fiber

There are many high-end security cameras out there that still shoot in the standard composite video.



Thor's line of F-SEC fiber transmitters is designed to extend the life of this equipment. Thor's fiber optic security transmitters still use the same high-end 10-bit digital encoding that our broadcast transmitters use, just in a less expensive chassis.



- Video: Bandwidth: 8.0 MHz • Quantization: 10 - bit
- Audio: Bandwidth Per Channel: 20Hz ~ 20KHz • Quantization: 24 - bit

**THR-F-4VD-TXRX** • Reg. \$894.00 **Your Price \$495.00**



## Thor F-M1SDI-3G-Tx/Rx 1 Channel 3G-SDI 1080p/60hz Fiber Extender

Thor Fiber Mini SDI Fiber Extender Kits are designed to increase the range of digital SD-SDI to 3G-SDI video signals over single mode or multimode fiber optic cable. SDI is normally carried over coax cable on BNC connectors, however, the maximum cable distance is limited to around 100 meters. Thor SDI extenders increase this distance to more than 80 miles by using lasers to send the data over fiber cable. Standard TX/RX kit F-M1SDI-3G-TX/RX with ST/PC connectors support single mode fiber up to 20Km or 2000 feet over multimode fiber.



- Supports full rate 3G-SDI @ 3.0Gbps or lower SDI or ASI digital video
- Transports embedded audio channels as well as SDI ancillary data
- Return path serial RS-485 channel for controlling equipment on Tx end
- Link alarm indicators on both Tx & Rx indicate a problem with the fiber

**THR-M1SDI-3GTXRX** • Reg. \$646.80 **Your Price \$539.00**



**Blackmagic ATEM Camera Converter**

Extend your broadcast SDI or consumer HDMI camera using low cost optical fiber! Imagine connecting to cameras at remote locations on racing tracks, live sporting venues or even massive golf

courses! Now with ATEM Camera Converter you can have more cameras closer to the action for the most amazing shots in live production! ATEM Camera Converter not only converts your camera to optical fiber, but it also includes talkback, external microphone input, program return feed, tally and built in battery power source!

- SDI Compliance: SMPTE 259M, SMPTE 292M
- Video Sampling: 4:2:2 • Color Precision: 10 bit
- Audio Sampling: Television standard sample rate of 48Khz, 24 bit A/D conversion
- Color Precision: 10 bit • Color Space: REC 601, REC 709
- Multiple Rate support: SDI and HDMI switches between SD and HD
- Software Included: Converter Utility

**BMD-SWRCONV • Your Price \$625.00**

**Blackmagic Design Studio Fiber Converter**

- Extend and fully power cameras up to 2 km (1.2 Miles) away using an open standard SMPTE fiber cable!



- Get cameras much closer to the action!
- Built in multi layer fail safe instantly cuts power to eliminate danger
- Transform broadcast cameras into dedicated studio cameras!
- Two dual channel talkback intercoms with backup!

Blackmagicdesign

**BMD-CINURSNWFRST • Your Price \$3325.00**

**Blackmagic Design SMPTE Camera Fiber Converter**

Blackmagicdesign

- Optical Fiber Input: 1x SMPTE
- Hybrid Fiber Optic with SMPTE 304 connector (Male)
- SDI Video Input: 1x 12G SDI for Camera feed
- SDI Video Output: 1x 12G SDI for Camera return feed, 3x 3G SDI for Return SDI Outputs
- Talkback Audio: 2x 5-pin XLR for headset with three way audio mixer per output, 1x Tracker output
- Analog Audio: 2x 3-pin XLR Inputs for AES, Line or Mic input. Phantom Power available • Computer Interface: 1x USB-C connector

**BMD-CINURSNWFRM • Your Price \$3245.00**

**Gefen 4K 600 MHz 4K HDMI Extender over Multimode Fiber 660 Feet**

The new 4K Ultra HD 600 MHz Extender for HDMI over one Fiber-Optic Cable supports 18.2 Gbps of bandwidth and 600 MHz TMDS Clock frequency, the highest specified under the HDMI 2.0 standard.

Full bandwidth support allows the EXT-UHD600-1SC to accommodate resolutions up to 4K Cinema-DCI (4096 x 2160 up to 60 Hz 4:4:4), and 4K Ultra HD (3860 x 2160 up to 60 Hz, 4:4:4) along with High Dynamic Range HDR-10 and Dolby VisionT. HDCP 2.2 and the legacy HDCP 1.4 are both supported The EXT-UHD600-1SC also supports 1080p Full HD, WUXGA (1920 x 1200), 3DTV, and Deep Color (up to 1080p resolution).

**GEF-EXTUHD6001SC • Reg. \$3109.05 Your Price \$2273.00**

**LYNX Analog Sync Video Fiber Extenders**

This compact analog sync or NTSC/PAL composite video to fiber optic transmitter is specifically designed to combat the restrictions involved with the distribution of broadcast quality analog reference and composite video signals over long distances. When paired with the fiber optic receiver ORX 1702-2 (LNX-ORX-1702-1LC sold separately) you have a very cost effective optical transmission system for analog sync reference signals or NTSC/PAL composite video. This device is particularly useful for reference sync distribution between remote installations to maintain correct synchronization.



**LYNXTechnik**

**LNX-ORX-1702-1LC • LC Receiver • Your Price \$ 807.50**

**LNX-OTX-1712-2LC • LC Transmitter • Your Price 807.50**

**LNX-ORX-1702-ST • ST Receiver • Your Price \$807.50**

**LNX-OTX-1712-ST • ST Transmitter • Your Price \$807.50**

**Thor CATV Receiver & Return Path Transmitter**

RF over Fiber CATV TF Mini-node - dual band transceiver. Thor F-MININODE-2RP-HP series transceivers are wideband radio frequency optical modems for bi-directional broadband communications.

- EQ and ATT both use a professional electric control circuit which allows control for an accurate operation that is convenient • Built-in ethernet transponder supports remote network management (optional); • Compact structure and easy installation, it's the premiere choice equipment of FTTB CATV networks • Built-in highly reliable and low power consumption power supply



**F-MININODE-2RPHP • Reg. \$834.00 Your Price \$695.00**

**AVPro Edge 4K HDMI 2km Extender via Optical**

This is AVPro Edge's flagship Fiber Optic Extender, allowing the user to extend an HDMI signal 2 kilometers via single-mode fiber, and up to 300 meters using multi-mode fiber. You can go even further by installing your own SFP port. It solves problems for both commercial and residential markets for distributing high value 4K 18Gbps content from rack to display. These extenders go the distance, no need to find power and cascade extenders for ultra-long runs.

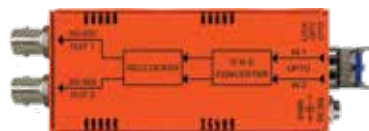
**AC-EXO-444-KIT • Your Price \$1999.00**

**Multidyne 4k Compatible Dual LC Fiber to 12G SDI Receiver**

The NBX-2RX-12G-LC from MultiDyne provides a miniature solution to receive two 12G/HD/SD-SDI signals over single-mode fiber optic cable using LC connectors at distances up to 10km. •

The NBX-2RX-12G-LC provides two SDI fiber optic inputs on LC connectors with a wavelength range of 1270 nm to 1610 nm and offers one output to each SDI signal on a 75 Ohm BNC connector. • Power provided by an external AC adapter with a locking DC connector supplied with the module.

**NBX-2RX-12G-LC • Your Price \$1295.00**



**MultiDyne**

**Celerity HDMI Detachable Universal Fiber Optic Cables**

Celerity UFO-8KH-TX-RX Universal Fiber Optic (UFO) supports HDMI 2.1 connections up to 1000 feet and offer the very best possible picture quality. Celerity fiber optic cable shows full brightness highlights, and the wide range of colors as originally intended by the video engineers during mastering.



**CTY-UFO-8KH-TXRX • Reg. \$400.00 Your Price \$250.00**



## Complex 4K/2K HDMI 2.0 Over Fiber 18Gbps HDCP 2.2 with RS-232 Extender



- Automatic EDID for Rapid Integration of Source and Display
- Low Latency
- Supports HDCP 2.2, HDCP 1.4
- RS232 Bi-Direction Pass Through

**CAMPLEX®**

- Locking Power Supplies • Black Powder-Coated Cabinet
- Includes Two Phoenix Plugs for RS-232 Cable Termination
- Certifications: FCC, CE • Compatible with MSA SFP+ SFP's
- Transmission Distance: SFP module Dependent up to: Single Mode 37 miles (60km), Multimode 984 feet (300m)

**CMX-FMCH001 • Reg. \$349.95 Your Price \$329.95**

## Complex 18Gbps HDMI Over Fiber Extender with Audio Extracting



Extend 4K HDMI beyond distances you ever imagined possible with the Complex HDMI-SFPL fiber optic HDMI 2.0 extender with HDMI loop out. It is the perfect match for eSports arenas, concert venues, stadium digital signage applications and wherever distributing a crystal clear 4K HDMI 2.0 18G

signal over long distances is required. The Complex HDMI-SFPL fiber extender supports video resolutions up to 4K2K@50/60Hz and takes full advantage of single mode cables to drive signals over 10km. It features bi-directional infrared control and RS-232 signals transmission to allow source distance operation of additional sources, commercial insertion sources and more.

**CMX-HDMI-SFPL • Reg. \$599.95 Your Price \$539.95**

## Complex 4K HDMI Over Fiber Extender



Extend 4K HDMI signals from your cameras, projectors or production switcher over 950 feet of multimode OM3 fiber with the Complex CMX-HDMI-TR. It's the perfect compact tool for live events, sports and arena video productions. Add a duplex OM3 LC Complex fiber optic tactical cable and you're ready for high quality 4K signal transmission in any long distance environment.

**CAMPLEX®**

- Transmission distance up to 984 feet • LC Multimode OM3 • Supports 4Kx2K and HDMI 3D • Up to 4K x 2K@30Hz Resolution • LC Multimode (OM3)
- Compact, lightweight design • HDCP 1.4 Compliant

**CMX-HDMI-TR • Reg. \$429.95 Your Price \$399.95**

## AJA HDMI to 3G-SDI Over Fiber Video and Audio Converter (Single Mode - ST)



The HA5-Fiber converts a HDMI input to 3G-SDI over single mode 1310 nm fiber optic cable (ST-style fiber connector) for transporting HDMI sources over fiber. The small form factor enables this Mini-Converter to easily fit onto the back of a camera or neatly behind an equipment rack. Embedded 8-Channel audio is supported in the fiber output allowing

a convenient single cable audio/video connection up to 10km.

**AJA-HA5-FIBER • Your Price \$879.00**

**AJA**  
VIDEO SYSTEMS

## Complex CMX-HDMI-SM-TR 4K/30Hz HDMI Over SM/MM Fiber Extender



Looking for an Ultra HD (UHD) 4K HDMI Fiber Extender? Complex, the broadcast industry leader in fiber technology, introduces the CMX-HDMI-SM-TR HDMI over fiber extender kit. The system transmits resolutions at 4K/30Hz (Y:U:V 4:4:4) up to 984ft/300 meters on a single mode or OM3 multimode LC fiber cable. This simple plug-and-play solution is perfect for extending cameras on location productions or connecting projection systems at live event venues. Both transmitter and receiver are super low profile at nearly the size of a standard HDMI cable end.

Because you're using fiber, your video signals are protected from RF hum and similar electromagnetic interference issues found in copper-based systems. The bandwidth capabilities of fiber also cuts down on lag and video latency issues.

**CMX-HDMI-SM-TR • Reg. \$648.95 Your Price \$599.95**

## Complex 4K60 HDMI 2.0 Over Fiber Extender Set 30km Transmission with 10G Ethernet

- Extend HDMI 2.0 video signals from end-to-end with minimum latency in crystal clear 4K60 video with the Complex FMCH003. This HDMI extender set sends 4K60 RGB/4:4:4, HDR10, 3D and broadcast-friendly 4K60 10-bit 4:2:2 signals up to 30km over single mode or multimode fiber (SFP dependent).
- Point-To-Point Extension of Audio, Video, and Control Signals • Supports a Full Range of Formats Including 4K60 RGB/4:4:4, HDR10, 3D and Broadcast-Friendly 4K60 10-Bit 4:2:2
- Extension Up To 30km (SFP+ Module Dependent)
- Supports Single Mode or Multimode Fiber (SFP+ Module Dependent)



**CAMPLEX®**

**CMX-FMCH003 • Reg. \$723.95 Your Price \$659.95**

## Complex 4K/2K HDMI 2.0 Over Fiber Extender Set 18Gbps HDCP 2.2 with 10G Ethernet and RS-232 Support

Extend full 18Gb uncompressed HDMI signals over long distances via LC fiber optic cables with the Complex FMCH002. This unit fully supports HDR 18Gbps 4:4:4 for resolutions up to 4096 x 2160 @60Hz while also offering RS232 machine control.

- Supports HDR 18gbps 4:4:4 • Up To 40km Over Single Mode Single Optic Fiber Cable
- HDMI Loop-Out & Audio Separation • Zero Latency & Compression

**CMX-FMCH002 • Reg. \$769.95 Your Price \$699.95**



**CAMPLEX®**

## Muxlab 500461 Mini HDMI Fiber 4K Extender Kit

The Mini HDMI Fiber 4K Extender Kit allows an HDMI source, such as a BluRay, to be extended to a monitor or projector via dual fiber connection.

- HDMI 1.4a support
- HDCP support
- Distance up to 300m using LC Duplex multimode 50/125 æm OM3 fiber cable
- Supports 4K @ 24, 25, 30 Hz • Power using Micro USB connector



**MuxLab**  
PRODIGITAL

**MUX-500461 • Reg. \$1001.00 Your Price \$801.00**



**Blackmagic Design Videohub 12G Zero Latency Video Routers**

Blackmagicdesign



- Built in control panel with direct entry buttons and spin knob control.
- LCD monitor with live video and labels for visual routing.
- SDI re-clocking on all 12G-SDI inputs.
- Works with Videohub Master Control Pro and Videohub Smart Control Pro control panels.
- Supports Videohub Software Control for Mac, Windows and iPad.
- Includes free SDK for integration into broadcast automation systems.
- Ethernet for remote control from external hardware or software control panels.

Localized for 13 popular languages

Model	Configuration	Your Price
<b>BMD-VDHUB12G1010</b>	10x10	<b>\$1395.00</b>
<b>BMD-VDHUB12G2020</b>	20x20	<b>\$2395.00</b>
<b>BMD-VDHUB12G4040</b>	40x40	<b>\$3995.00</b>

**Blackmagic Design SWATEMSCN2/2ME4/4K ATEM 4 M/E Constellation 4K 2RU Ultra HD Live Production Switcher**

Advanced design with built in front panel controls.

- 40 standards converted 12G-SDI inputs.
- 24 customizable 12G-SDI outputs.
- USB output operates as a webcam and supports all video software.
- 4 independent multiviews with multiple layout options.
- 4 independent DVEs.
- Professional talkback compatible with ClearCom and RTS.
- Internal media for stills and motion graphics.
- Includes 16 ATEM Advanced Chroma Keys.
- Total Video Inputs: 40
- Total Video Outputs: 28

**BMD-ATEM4MECON4K • Your Price \$8995.00**

Blackmagicdesign

**Link LEI-516 Video Presence Detector for 3G / HD / SDI / ASI**

The Link LEI-516 is designed to monitor its main input signal and automatically switch to an alternate signal if the main signal is lost. A three-terminal dry-contact connector offers normally-closed and normally open contacts to control

peripheral gear. The input receiver device monitors the incoming video for a valid signal. If the main input signal is invalid or lost, the LEI-516 will switch to a valid auxiliary input. This "sensitivity" adjustment gives the LEI-516 the ability to select its auxiliary input even before data errors are visible in the primary input.

- 3G/HD/SD SDI/ASI Compatible • Auto Detection of Loss of Signal
- Threshold "Sensitivity" Adjust • Manual Override • Power off By-pass LED Indicators
- GPI Input

**LEI-516 • Reg. \$1300.00 Your Price \$1233.00****Blackmagic Smart Videohub CleanSwitch 12x12**

The Black Magic Smart Videohub CleanSwitch 12x12 is a compact 6G-SDI router with built in re-synchronizers on all inputs to allow clean switching between video sources of the same video standard. The Smart Videohub CleanSwitch 12x12 supports multiple formats on the same router at the same time and will clean switch between multiple formats that match the reference frame rate when switching between the same video standard. Smartly designed with an elegant machined metal front panel with an LCD screen for routing display, video monitoring and remote Ethernet control. Sources of different resolutions and the same frame rate can even be output directly to air for smooth, cuts only production.

Blackmagicdesign

**BMD-VHSMCS6G1212 • Your Price \$1495.00****Blackmagic Design VHUB/WSC/PRO Videohub Smart Control Pro**

- Ethernet connection with Power over Ethernet and non powered loop through



Blackmagicdesign

- Single or multiple destinations supported
- 110-250V volt AC powered for use with non powered Ethernet
- Supports optional "take" button set via software configuration
- Includes Mac and Windows software for control panel programming
- Buttons are illuminated by RGB for highest illumination quality
- Compact 1 rack unit size, approximately three inches deep

**BMD-VHSC-PRO • Your Price \$775.00****Blackmagic Design VHUB/WMSTRCRL/PRO Videohub Master Control Pro**

Blackmagicdesign



- Ethernet connection with Power over Ethernet and non powered loop through
- 110-240V volt power connection included for use with not powered by Ethernet
- Full access to every cross point on routers via direct entry or spin knob scrolling
- Spin knob allows customers to scroll through router labels in alphabetical order
- Direct button entry allows router labels to be typed in, or to limit to a scrolling list
- Supports optional "take" button set via software configuration

**BMD-VHMC-PRO • Your Price \$755.00****Marshall VSW-2000 4x1 3G/HD/SDI Switcher**

**Marshall**  
BROADCAST & PRO AV

The Marshall VSW-2000 allows rapid switching between up to 4 HD-SDI video feeds, delivering broadcast-quality video over a

wide range of formats. Great as a sub-switcher to add inputs to existing production switchers, as a remote-controlled switcher eliminating multiple cable runs or as a simple router feeding a monitor or projector. • 4 Inputs, supports rapid switching between 3G/HD/HD-SDI formats to SDI switched output Controllable via front panel buttons, RS-232 serial or IR remote allowing flexible system design

- Output provides re-clocking and equalization

**MAR-VSW-2000 • Reg. \$440.00 Your Price \$373.75**

## Kramer VS-88HDxL 8x8 3G HD-SDI Video Matrix Switcher



A professional high-performance matrix switcher for 3G HD-SDI and HD-SDI dual link video signals. Matrix means the unit can switch any or all of the inputs to any or all outputs. Switching is implemented during the vertical interval period according to the SMPTE RP-168 standard, when using synchronized digital video sources.

**KR-VS-88HDXL • Reg. \$6155.00 Your Price \$4924.00**

## AVMATRIX MMV1630 1RU 16 channel 3G-SDI MVS-16 Multiviewer & Switcher

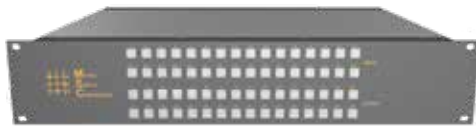


The AVMATRIX MMV1630 is a 1RU 16 channel 3G-SDI Multiviewer & Switcher perfect for large broadcast projects. This one machine

operates as either a 16 channel SDI Multiviewer or a 16x16 SDI Matrix Switcher with the input automatically detecting between SDI, HD or 3G-SDI. The video format of the Multiview output can be selected from a total of 9 choices, ranging from 720p to 1080p, and you can choose from 20 standard layouts with 16/12/11/10/9/8/6/4 presets. You even have the option to SOLO an input signal in full screen with the shortcut key. The MMV1630 also supports UMD, audio metering, signal status and time delay. All functions are at your fingertips with full control via included PC software or the front panel button and knob.

**LIL-MMV1630 • Your Price \$1399.00**

## Matrix Switch MSC-XV3232L 32 Input 32 Output Composite Analog Video Router



The MSC-XV3232L composite analog video routing switcher has 32 inputs and 32 outputs.

The use of premium quality components, extensive shielding and low noise linear on board power supply regulation has resulted in systems with extremely low crosstalk and noise levels.

- Inputs can be switched to multiple outputs without restriction • Vertical interval switching using vertical sync input (Tri-level sync or NTSC/PAL black burst)
- Store and recall up to 10 preset salvos • Includes button control panel interface
- Supports Matrix Switch Corporation Remote Panels • Ethernet port for control via built in web page interface or TCP/IP ports

**MSC-XV3232L • Reg. \$6295.00 Your Price \$5539.60**



## Freakshow HD Li-Ion Battery Powered 3G HD-SDI A/B/C/D Switch



Multiple sources and only one input, how many times have you run into this dilemma? The Battery Powered A/B/C/D Switch selects between four inputs via an easily controllable top mounted touch pad, and distributes the signal to one output for up to 160 hours of continuous operation all in a rechargeable, convenient and cost effective package.

- Internal Lithium Polymer Battery • Accepts both Analog Composite NTSC/PAL and SDI signals • 12-36 Volt DC Operation • Locking Power Connector • Operate and

charge while connected to external power • AC Adaptor Included

**FREAK-ABCD-SWITCH • Reg. \$249.00 Your Price \$219.00**



## AJA KUMO Compact Matrix Routing Switchers



KUMO compact SDI routers provide powerful signal control and support full broadcast specifications for 3G-SDI with quality that exceeds SMPTE specifications.

The super-compact form is just a few inches deep, making it a perfect fit for any broadcast, production, or postproduction environment. That's mobile sports trucks and edit suites to corporate video installations or live theatrical A/V rigs.

Whether you're building a mobile truck, edit suites or an AV flypack, get the routing capabilities you need at a price that fits well within your budget. KUMO routers are so affordable they can be used in place of traditional DAs to distribute signals to multiple locations. KUMO routers provide an incredible price/performance ratio while still maintaining the highest quality standards..

- 12G, 3G, HD, SD Support • Powerful Signal Control
- Broadcast Quality • Simple Installation and Configuration
- Redundant Power Supplies
- AJA 5-year International Warranty and Advance Replacement
- 270 Mbps, 1.5 Gbps, 3 Gbps, 6 Gbps, 12 Gbps SDI, 270 Mbps DVB-ASI

### 3G-SDI Models

**AJA-KUMO1616 • 16x16 • Your Price \$2529.00**

**AJA-KUMO3232 • 32x32 • Your Price \$4399.00**

**AJA-KUMO6464 • 64x64 • Your Price \$9899.00**

### 12G-SDI Models

**AJA-KUMO-161612G • 16x16 • Your Price \$3189.00**

**AJA-KUMO-323212G • 32x32 • Your Price \$5059.00**

## AJA KUMO CP Optional KUMO Remote Control Panel



AJA's KUMO CP is an optional 1RU control panel that can be used in standalone or networked configurations. It's designed to allow most KUMO routers (the KUMO 6464

uses KUMO CP2) to use Ethernet to access the same network. KUMO CP enables full control from any location without the need for a computer, up to four KUMO routers can be controlled from a single control panel and it supports ganged dual and quad port routing! That allows users to group together multiple inputs and outputs for Dual Link, 4K and Ultra HD workflows. In addition to SD and HD, every KUMO can route 2 or 4 grouped 3G-SDI connections, supporting uncompressed or RAW 4K and UltraHD signals.

**AJA-KUMOCP • Your Price \$879.00**

## BrightEye NXT 410-H Clean HDMI Router with HDCP and UDC

The BrightEye NXT 410-H Clean HDMI + HDCP Router provides clean and quiet switching of HDCP encrypted content to its HDMI output along side SDI and non-encrypted HDMI sources. The BrightEye NXT 410-H lets you dissolve or cut between HDMI sources such as cameras or disk players, traditional SDI sources and HDCP encrypted devices for output to an HDMI display or projector.



- Cleanly Switch HDCP Encrypted Content • Up/Down/Cross Converter Built In • Router for 3G, HD and SD SDI and HDMI Video • Dissolve and Cut Transitions • Direct Take Mode • Salvo Registers - Save/Recall from your Tablet and Computer • System Wide Configuration Registers • Flexible I/O - You Configure BNCs and SFPs as Inputs or Outputs • Clean Switching of Video and Embedded Audio • Audio Level Adjustments

**ENDE-BENXT-410-H • Reg. \$5400.00 Your Price \$5130.00**





### Ocean Matrix 8K Series HDMI Switchers

- Supports Resolutions up to 8K@60Hz 4:4:4, 4K@120Hz, and 1080p@240Hz
- 1200MHz/12Gbps per Channel Bandwidth (48Gbps All Channels)
- Supports 12bit per Channel (36bit All Channels) Deep Color

- HDCP 2.3, HDCP.2.2 and HDCP.1.4 Compliant



- Supports High Dynamic Range (HDR) Video Pass-through, such as HDR10/HDR10+/Dolby vision etc.

- VRR (Variable Refresh Rate), ALLM (Auto Low-latency Mode), and QFT (Quick Frame Transport) Functionality

- Built-in Equalizer, Re-timing, and Driver • Automatic, Manual, and Remote Control Switching Supported

- Remote Control Included

**OMX-07HMHM0003** • 3x1 • Reg. \$81.95 **Your Price \$74.95**

**OMX-07HMHM0004** • 4x1 • Reg. \$92.95 **Your Price \$84.95**



### KanexPro HDMI 2.0 4 x 4 Matrix Switcher



The KanexPro SW-HDMX44DS is an HDMI 2.0 compliant 4 input and 4 output HDMI matrixing switcher. The matrix supports a mix of both 4K and 1080p displays to be connected and operated at the same time.

**KanexPro™**

- Supports resolutions up to 4K@60Hz 4:4:4, HDR10, Dolby Vision, including 1080p 3D.

- Fully compliant with HDMI V2.0 and HDCP 2.2 specifications.

- Supports 4K to 1080p down-scaling for each independent output to compatibility with the legacy 1080p displays. • Smart EDID management.

- Supports front panel buttons, IR remote and RS232 control.

**KAN-SW-HDMX44DS** • **Your Price \$524.95**

### AVPro Edge AC-CX62-AUHD ConferX 6x2 HDMI 2.0(a/b) Matrix Switcher



The AVPro Edge AC-CX62-AUHD ConferX 6x2 Matrix is the ideal solution for any conference room, classroom, or huddle space. This 4K switcher can display any six

**AVPro edge**

sources through the HDBaseT and HDMI output port

- HDMI 2.0(a/b) • 18Gbps Bandwidth Support (HDMI and HDBaseT output)

- 4K60 4:4:4 Support (HDMI and HDBaseT output) • HDCP 2.3 (and all earlier versions supported)

- Advanced EDID Management • Audio input and output • Web based control GUI

**APR-AC-CX62-AUHD** • **Your Price \$1749.00**

### AVPro Edge AC-CX42-AUHD HDMI 2.0 4x2 Matrix Switch



AVPro Edge ConferX 4x2 Matrix is the ideal solution for any conference room, classroom or huddle space. This 4K switcher can display any of the four sources

**AVPro edge**

through both the HDBaseT and HDMI output port. Each of these outputs are completely independent of each other allowing to

show two sources at the same time. With additional audio inputs and outputs, you will have not problems working with a microphone or intercom system. When you need a stable solution for video distribution, look to the entire line of ConferX products.

**APR-AC-CX42-AUHD** • **Your Price \$1299.00**

### Blustream 1x4 HDMI 18G Splitter with Audio De-Embed

- Features 1 x HDMI input that is replicated to 4 x HDMI outputs

- Supports HDMI 2.0 18 Gbps specification including HDR

- Supports up to 4K UHD 60Hz 4:4:4 • Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

- Supports all known HDMI audio formats including Dolby TrueHD, Atmos and DTS-HD Master Audio transmission

- HDMI audio breakout to analog L/R audio and coaxial digital outputs concurrently

- Advanced EDID management • HDCP2.2 Support

**BLU-SP14AB-V2** • 1x4 Splitter • **Your Price \$309.00**



### Blustream SW41AB-V2 4x1 4K HDMI 2.0 HDCP 2.2 Switcher

- Features 4 x HDMI inputs which can be switched to single HDMI output

- Supports full HDMI 2.0 specification 4K UHD video (4K @ 60Hz 4:4:4)

- HDCP2.2 compliant • Supports 3D signal display

- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission

- HDMI audio breakout to analog L/R audio and coaxial digital outputs concurrently

- Control via front panel, RS-232 and IR • Advanced EDID management

**BLU-SW41AB-V2** • **Your Price \$237.00**



### Blustream SW21AB-V2 2x1 HDMI 18G Switcher

- Features 2 x HDMI inputs which can be switched to a single HDMI output • Supports full HDMI 2.0 specification 4K UHD video (4K @ 60Hz 4:4:4)

- HDCP2.2 compliant • Supports 3D signal display

- Supports CEC bypass (Consumer Electronics Control) • Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission

- HDMI audio breakout to analog L/R audio and Coaxial digital outputs concurrently

- Control via front panel and IR (remote control included) • Advanced EDID management

**BLU-SW21AB-V2** • **Your Price \$217.00**



### KanexPro 9x2 Multi-Format Scaling Switcher with HDBT

This KanexPro HDSC92D-4K is a 9 by 2 multi-format scaling switcher that provides HDMI, USB-C, HDMI Extender, and VGA inputs that can be freely selected for output at a scaled resolution of the user's choosing via the mirrored HDMI and HDMI Extender outputs.

- 9 video inputs (1xUSB-C, 2xHDMI Extender, 4xHDMI, 2xVGA)

- 2 mirrored video outputs (1xHDMI, 1xHDMI Extender)

- Supports switching and scaling of all AV inputs for display over the mirrored HDMI and HDMI Extender outputs

- Supports up to 4K UHD (18Gbps, 4K@50/60Hz 4:4:4, 8-bit) digital video input (HDMI, USB-C) and output (HDMI)

**KAN-HDSC92D-4K** • Reg. \$2999.95 **Your Price \$2395.00**



**KanexPro™**



## Kramer VS-411XS 4x1 4K HDR HDMI Intelligent Auto Switcher



Kramer VS-411XS is an intelligent 4x1 automatic switcher for 4K HDR, HDMI video signals. VS-411XS offers an intelligent switching experience with built-in Maestro room control and the standard priority / last-connected switching function based on active video signal detection. Out-of-the-box configured room control for a typical meeting room setup, and intuitive user interface enables you to fully control your meeting room elements. Automatically plays the switched source signal on the connected display according to user-configured preferences, such as priority or last-connected input.

**KR-VS-411XS • Reg. \$720.00 Your Price \$576.00**

## Kramer VS-44H2 19 Inch 4x4 4K HDR HDMI HDCP 2.2 Matrix Switcher - Resolutions up to 4K60 (4:4:4)



Featuring Kramer re-Klocking and Equalization Technology that rebuilds the digital signal to travel longer distances. HDMI Support - Deep Color, 3D, up to 7.1 uncompressed audio channels as specified in HDMI 2.0.

- High-Performance AV Matrix - Switches 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant signals to 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant outputs at up to 18G data rate.
- Individual EDID management per input. Captures and stores the EDID from a display device.
- Selectable HDCP per input.
- Save up to 8 preset configurations.

**KR-VS-44H2 • Reg. \$3200.00 Your Price \$2560.00**

## Kramer VS-44H2A 4x4 4K HDR HDMI 2.0 HDCP 2.2 Matrix Switcher with Audio De-Embedding



De-embeds Analog and Digital Audio as balanced analog audio with separate volume control on each of the outputs and S/PDIF digital audio.

- Easy Step-In Collaboration for use with a Kramer Step-In enabled switcher, just plug in your device and press the Step-In button. Your device becomes the active signal on the main display.
- Features Kramer Equalization & reKlocking rebuilds the digital signal to travel longer distances.
- EDID Management - Individual EDID management per input. Captures and stores the EDID from a display device.
- Flexible Content Protection - Selectable HDCP per input.

**KR-VS-44H2A • Reg. \$3820.00 Your Price \$3056.00**

## Kramer FC-18 4K HDR Display ON/OFF Controller



The Kramer FC-18 is a display ON/OFF controller for 4K@60Hz (4:4:4) HDR HDMI signals. It accepts and outputs an HDMI signal after relocking and equalizing. On detection of the onset of an input signal FC-18 sends an ON command to the display or projector and on detection of the loss of the input signal FC-18 sends an OFF command. FC-18 can also be used to control a display device manually via front panel buttons, Ethernet or contact closure switches.

**KR-FC-18 • Reg. \$580.00 Your Price \$464.00**

## Kramer VS-211X 4K60 4:4:4 2x1 HDMI Switcher

Kramer VS-211X is a high-performance 2x1 automatic switcher for 4K HDR, HDMI video signals. Offering priority and last-connected switching options, it automatically switches according to the selected switching scheme based on active video signal detection. 2x1 Plug and Play Switcher, Up to 4K@60Hz (4:4:4) Resolution, De-embedded Audio, Compact.

- Inputs: 2 HDMI: On a female HDMI connector • Outputs: 1 HDMI: On a female HDMI connector, 1 Unbalanced Stereo Audio: On a 3.5mm mini jack
- Ports: Remote Contact Closure: On a 3-pin terminal block connector
- Video: Max Data Rate: 17.82Gbps (5.94Gbps per graphic channel), Max Resolution: 4K@60 (4:4:4), Compliance: HDR10 as specified in HDMI 2.0, HDCP 2.2

**KR-VS-211X • Reg. \$470.00 Your Price \$376.00**

## Kramer VS-211H2 2x1 Automatic 4K UHD HDMI Standby Switcher

The VS-211H2 is a high-performance automatic switcher for 4K@60 UHD (4:4:4) HDMI video signals. Offering priority and last-connected switching options, it automatically switches according to the selected switching scheme based on active video signal detection. The VS-211H2 includes actual video output detection and not just 5V connections, enabling more reliable switching. This also allows for better support of HDMI equipment as well as power and product life conservation. VS-211H2 switches off the 5V output when there are no active inputs, allowing the display to go to sleep.

**KR-VS-211H2 • Reg. \$435.00 Your Price \$348.00**

## Kramer VS-411X 4K60 4:4:4 4x1 HDMI Switcher

Kramer VS-411X is a high-performance 4x1 automatic switcher for 4K HDR, HDMI video signals. Offering priority and last-connected switching options, it automatically switches according to the selected switching scheme based on active video signal detection.

- 4x1 Plug and Play Switcher
- Up to 4K@60Hz (4:4:4) Resolution
- Compact • 4 HDMI: On a female HDMI connector
- 1 HDMI: On a female HDMI connector • 1 Unbalanced Stereo Audio: On a 3.5mm mini jack
- Remote Contact Closure: On a 5-pin terminal block connector

**KR-VS-411X • Reg. \$505.00 Your Price \$404.00**

## Kramer VS-42UHD 4x2 4K60 4:2:0 HDMI Automatic Matrix Switcher

The Kramer VS-42UHD is a high quality, 4x2 matrix switcher for 4K at 60Hz (4:2:0) HDMI signals. It relocks and equalizes the signals and can route any input to either or both outputs simultaneously.

- Max. Data Rate - 8.91Gbps (2.97Gbps per graphics channel).
- Max. Resolution - 4K@60Hz (4:2:0) and WUXGA.
- HDCP 1.4 Compliant • True Video Clock Detection.
- Automatic Switching Modes - Last connected and priority switching.

**KR-VS-42UHD • Reg. \$1045.00 Your Price \$836.00**



## Ocean Matrix HDMI 2.0 1x4 Splitter



When you're seeking how to split an HDMI 2.0 18Gbps signal, the Ocean Matrix OMX-06MHM0002 1x4 splitter is the tool for the job. It's a simple solution to distribute the output of your camera, Blu-Ray or digital signage player to four HDMI network extenders, displays or recorders.



- Displays an Ultra HD Source on up to Four Ultra HD Displays Simultaneously
- Supports Resolutions up to Ultra HD 4k x 2k (3840x2160@60 Hz Yuv 4:4:4)
- Built-in EDID Management • HDCP 2.2/1.4 Compliant • 36 Bit Deep Color (12 Bit Color) • Audio Formats: LPCM 7.1, Dolby TrueHD, Dolby Digital Plus, And DTS-HD Master Audio

**OMX-06MHM0002 • Reg. \$155.95 Your Price \$99.95**



## Ocean Matrix 4K UHD 1x4 HDMI 2.0 Splitter/Distribution Amplifier



- Distributes 1 HDMI Source to 4 HDMI Displays Simultaneously
- Supports HDMI 3D and 4K x 2K@60Hz when both the input and output devices support 4K x 2K

- HDMI source and HDMI displays support 3D

- Supports Bandwidth up to 18Gbps

- HDMI 2.0 Compliant • HDCP2.2 Compliant

- Audio - Supports Standard, Direct Stream Digital, and HD/HBR



**OMX-HDMI-1X4-4K2 • Reg. \$89.95 Your Price \$79.95**



## Ocean Matrix 4K UHD 1x2 HDMI 2.0 Splitter Distribution Amplifier

A compact 1x2 HDMI splitter / distribution amplifier to send a single 4K HDMI signal from cameras, set top boxes, Blu-ray players and digital signage players simultaneously to two (2) HDMI displays, projectors, extenders or other HDMI enabled devices. The Ocean Matrix OMX-HDMI-1X2-4K2 supports resolutions up to 4K/UHD (4096 x 2160) but also works with HD & SD signals without loss while maintaining the highest standards. The unit also meets all standards for HDMI 2.0 and HDCP 2.2 specifications.

- Distributes 1 HDMI Source to 2 HDMI Displays Simultaneously
- Supports HDMI 3D and 4K x 2K@60Hz when both the input and output devices support 4K x 2K • HDMI source and HDMI displays support 3D
- Supports Bandwidth up to 18Gbps • HDMI2.0 Compliant • HDCP2.0 Compliant
- Audio - Supports Standard, Direct Stream Digital, and HD/HBR

**OMX-HDMI-1X2-4K2 • Reg. \$49.95 Your Price \$45.95**

## MuxLab 500427 4K60 Ultra HD HDMI 1x8 Splitter

The HDMI 1x8 Splitter, 4K60 (500427) allows one (1) HDMI 2.0 source to be distributed to up to eight (8) HDMI displays. The splitter supports up to 4K (3840 X 2160) video @ 60Hz, HDR, Deep Color and HD audio. The splitter is HDCP 1.4 & 2.2 compliant and features LED diagnostics.



Additionally, all connectors are on the rear panel for neater cabling.

- Distribute one HDMI 2.0 source to eight displays • Supports up to 4K @ 60Hz (4:4:4)
- HDCP 1.4 and 2.2 compliant • Supports HDR and Deep Color

**MUX-500427 • Reg. \$435.00 Your Price \$300.00**

## Kramer VM-2H2 1:2 4K HDR HDMI Distribution Amplifier

The Kramer VM-H2 Series are distribution amplifiers for up to 4K HDR, HDMI signals that comply with HDCP 2.2 content protection standard. The unit takes one HDMI input, equalizes and reclocks the signal and distributes it to two or four identical outputs.



- Max. Data Rate - 17.82Gbps (5.94Gbps per graphic channel).
- Max. Resolution - 4K@60Hz (4:4:4).
- HDMI Signal Transmission - HDR, HDCP 2.2 compliant signal, supporting deep color, x.v.Color, lip sync, 7.1 PCM, Dolby TrueHD, DTS-HD, CEC (OUT 1 only), 2K, 4K, and 3D as specified in HDMI 2.0.

**KR-VM-2H2 • 1x2 • Reg. \$455.00 Your Price \$364.00**

**KR-VM-4H2 • 1x4 • Reg. \$615.00 Your Price \$492.00**

## Gefen EXT-UHD600-12 Ultra HD HDR 1:2 HDMI Splitter

- Simultaneously displays an Ultra Hi-Def source on two Ultra HD displays



- Specifically designed to support multiple layers of splitting/cascading\*\* in large video distribution and signage applications, supporting up to hundreds of displays
- Supports resolutions up to 4K DCI-Cinema (4096 x 2160 at 60 Hz, 4:4:4), 4K Ultra HD (3860 x 2160 at 60Hz, 4:4:4), 1080p Full HD, & 1920x1200 (WUXGA)
- Supports HDCP 2.2 and 1.4
- Supports HDR (High Dynamic Range) 10-bit Deep Color at 4K 60 Hz 4:2:0 and 4K 24 Hz 4:4:4

**GEF-EXTUHD600-12 • Reg. \$388.50 Your Price \$272.00**

## KanexPro HDMI 1x8 Distribution Amplifier over CAT5e

The KanexPro 1x8 Distribution Amplifier (SP-HDPOC1X8) is a 18Gbps HDMI 1x8 Splitter that can distribute a single HDMI source signal to any 8 display devices. Support video resolution up to 4K2K@50/60Hz 4:4:4. It is designed with 1 HDMI loop output and 8 CAT outputs. • Distribute & Extend HDMI over Single CAT5e/6 to eight HD displays • Includes 8-independent receivers



- Supports transmission distance up to 192 ft. (60m)
- Supports UHD 4K ( 4K x 2K @ 60Hz) • Control via IR (kits included)



**KAN-SP-HDPOC1X8 • Your Price \$1049.95**

## Kanex HDMI Distribution Amplifier

The KanexPro 1x4 HDMI Splitter is a 4K@30Hz compliant distribution amplifier which lets you duplicate one HDMI source to displays without losing signal integrity and resolution.



- Distribute high-resolution HDMI signals to four Ultra HD displays
- Supports full 3D and 4Kx2K resolution
- Supports full HD 1080p (1920 x 1080@60Hz)
- Computer resolution up to WUXGA (1920 x 1200@60Hz)
- HDCP & CEC compliant • Supports latest HDMI High Speed Specifications
- 12-bit per channel (36-bit all channel) Deep color • Compact metal enclosure

**KAN-SP-HD1X44K • 1x4 • Reg. \$104.95 Your Price \$91.95**





## LYNX Technik

- 1 input and 4 outputs • Wide band - 30MHz • Adjustable gain and EQ • Input Clamp
- Input present LED indication • Suitable for analog SDTV/HDTV video or Sync signals
- 1 x 75 Ohm BNC connector • Compatible Input Sources • SDTV Composite video (NTSC/PAL) • SDTV Component Analog Video • HDTV Component Analog Video

**LNX-DVA-1714 • Reg. \$400.00 Your Price \$380.00**



Blackmagicdesign

### Blackmagic 1x8 3G SDI Distribution Amplifier Mini Converter

The Blackmagic Design Mini Converter SDI Distribution is a 1x8 distribution amplifier for SD-SDI, HD-SDI, and 3G-SDI signals. The Mini Converter auto-detects the input signal type, re-clocks it, and its eight outputs automatically match the SDI video input. This device represents an affordable way to distribute SDI signals throughout a facility or truck.

- (1) SDI Input, (8) SDI Outputs • Supports ASI Signals

- 3G/HD/SD-SDI Auto-Switching Input • Re-Clocked Outputs
- Ancillary Data & Embedded Audio • 1080p & 2K Distribution

**BMD-CONVMSDIDA • Your Price \$165.00**

### Blackmagic 4K SDI Mini 1x8 Distribution Amplifier



Blackmagicdesign

The Blackmagic SDI Distribution 4KMini Converter allows you to distribute a Single Link SD/HD/3G/6G-SDI signal to eight SDI devices simultaneously. It automatically detects the input signal type, re-clocks it, and its eight outputs automatically match the SDI input video format. With a compact form factor and easy-to-use controls, the Mini Converter is ideal for a variety of broadcast, post

- production, and professional AV applications • Single Link SD/HD/3G/6G-SDI Input • 8 Single Link SD/HD/3G/6G-SDI Outputs • Re-Clocked Outputs • Supports SD, HD, UHD 4K & DCI 4K Signals

**BMD-CONVMSDIDA4K • Your Price \$315.00**



Blackmagicdesign

### Blackmagic CONVTRM/EA/DA Teranex Mini - 1x8 12G-SDI Distribution Amplifier

The Blackmagic Teranex Mini - SDI Distribution 12G distributes a single SDI

- video input to up to eight SDI outputs. It features the latest multi rate 12G-SDI connections with full SDI re-clocking allowing the converter to automatically switch between all SD, HD and Ultra HD formats up to 2160p60. Perfect for distributing a single SDI signal to multiple devices such as monitors, switchers and encoders. The Teranex Mini converters make building facilities and supporting all different types of video equipment easier than ever before. Teranex Mini is perfect for broadcast installations because they can be rack mounted and the optional front panel lets you see what's being converted on the screen!

**BMD-CTRMEADA • Your Price \$545.00**

### AJA 3GDA 1x6 3G/HD/SD Reclocking Distribution Amplifier

The AJA 3GDA is a miniature, 1x6 3G HD-SDI/HD-SDI/SDI reclocking distribution amplifier. Featuring six separately buffered SDI outputs, the 3GDA provides automatic input detection, reclocking and cable equalization. • Compact SD/HD distribution • Six separately buffered outputs • 3G/HD/SD-SDI input, auto sensing • 3G cable equalization (1694 coax) • SD: 270mb, 350m, HD: 1.5Gb, 200m • Passes all ancillary data test



AJA VIDEO SYSTEMS

**AJA-3GDA • Your Price \$505.00**

### AJA openGear Dual 1x4 12G-SDI Distribution Amplifier

The AJA OG-12GDA-2x4 is an openGear compatible, state of the art 12G-SDI distribution amplifier. The incoming 12G-SDI signals on the dual input channels are automatically equalized and the outputs are automatically reclocked to four 12G-SDI outputs each. This dual input capability allows double the number of DAs in limited frame space. A 10x BNC rear connector module is included.



AJA VIDEO SYSTEMS

**AJA-OG-12GDA-2X4 • Your Price \$869.00**

### AJA 12GDA 12G/6G/3G/HD/SD-SDI Distribution Amplifier

AJA 12GDA is a miniature 1x6 12G-SDI re-clocking distribution amplifier that allows facilities to save on cable runs and install times. With support for 12G-SDI for 4K/UltraHD single link workflows, the format-agnostic device features six separately buffered SDI outputs identical to the recovered input. It also offers automatic input detection, re-clocking and cable equalization, as well as a throw down package and LED signal detection indicator.



AJA VIDEO SYSTEMS

**AJA-12GDA • Your Price \$625.00**

### AJA C10DA Analog Video/Tri-Level Sync 1x6 Distribution Amplifier

The AJA C10DA is a 1x6 Analog Distribution Amplifier with support for NTSC and PAL offering the ability to distribute multiple copies of the incoming signal or extend content of composite video with gain adjustment to compensate for long cable runs where needed. • Compact 1 x 6 Analog Distribution Amplifier NTSC / PAL • May be used to distribute tri-level sync when a sync signal is fed into the Video Input for HD workflows • Low Cost • 5 year warranty



AJA VIDEO SYSTEMS

**AJA-C10DA • Your Price \$229.00**

### AJA HD5DA 1x4 HD-SDI/SDI Serial Digital DA

The AJA HD5DA is a miniature, low cost, 1x4 HD-SDI/SDI distribution amplifier/repeater. Featuring four separately buffered HD-SDI/SDI outputs, the HD5DA provides automatic input cable equalization to 100 meters and automatically adapts to 143, 177, 270, 360 Mb, and 1.5 Gb.



AJA VIDEO SYSTEMS

- Compact HD-SDI/SDI Distribution • Four Separately Buffered Serial HD-SDI/SDI Outputs • Auto Equalization • Acts as a Low Cost Repeater • Automatic multi-standard • Miniature Size • Universal Power Supply

**AJA-HD5DA • Your Price \$255.00**



**Cobalt Digital 9910D Video Distribution Amplifier Cards**

COBALT

The all-new Cobalt 9910DA-4Q-3G-RCK 3G/HD/SD Quad-Channel Multi-Rate Reclocking DA with x4 Output Crosspoint supports four input channels which can be crosspoint-routed to any of 16 DA outputs. The 9910DA-4Q-3G-RCK is multi-rate with user enable/disable reclocking, and supports SDI and ASI/DVB on all inputs and outputs with non-inverting outputs. The quad-input capacity provides a one-card solution for distribution of 4K quadrant-division content over 3G/HD/SD-SDI interfaces.

**CB-9910DA-4Q-3G • 4Q 3G-SDI 1x16 • Your Price \$1119.00**

**CB-9910DA-AV-EQ • Analog 1x8 with EQ • Your Price \$389.00**

**CB-RM20-9910-AVB • 1x8 Rear Module • Your Price \$129.00**

**Cobalt Digital 1x6 12G - 3G HD-SD-SDI ASI MADI Reclocking Distribution Amplifier w/ Input Status LED & PS4**

The BBG-DA-12G-1x6 by Cobalt is a 12G/3G/HD/SD-SDI / ASI / MADI multi-rate distribution amplifier that features an input status LED. The unit is fully automatic and supports SMPTE 2082-1 (12G), 424M (3G), 292M and 259M SDI video signals as well as ASI and MADI, and is equipped with 1 input and 6 reclocked SDI outputs. (Reclocking for 12G/3G/HD/SD-SDI and MADI inputs; all other bit rates are non-reclocking.) The unit supports 1x3 ASI distribution using its non-inverting outputs.

COBALT

**CB-BBGDA-12G-1X6 • Your Price \$434.94**

**Connectronics 12G-SDI Reclocking Amplifier/Repeater**

The Connectronics CTX-12GSDIAMP is a 12-G SDI to 12G SDI Reclocking Amplifier with Auto Source format detection. This compact, plug and play, 12G-SDI Repeater features High Quality Signal

Connectronics™

restore, a reclocked and amplified SDI output and 3G-SDI Dual Stream support.

- Auto Source Format Detection • High Quality Precision Signal Restore
- Reclocked and Amplified SDI output • Compact Size
- Plug and Play • 3G-SDI Level A/B Dual Link/B Dual Stream Support

**CTX-12GSDIAMP • Reg. \$290.95 Your Price \$266.95**

**KanexPro 3G-SDI Video Repeater**

KanexPro™

The KanexPro 3G/SDI/HD-SDI Repeater is designed for extending AV signals at longer runs up to 300 meters using single RG6 cable. It also embeds audio up to 7.1 channels passing ancillary data. Perfect for surveillance systems, rental & staging facilities, post-production, TV studio, digital cinema, or other A/V applications.

- Extend and repeat SDI signals up to 300 meters
- Auto-input detection for 3G/HD/SD-SDI • Supports full HD 1080p/60 • Built-in signal equalizer & re-clock function • 3G mode length up to 130m • HD mode length up to: 170m

**KAN-SDI-HDRPTPRO • Reg. \$199.95 Your Price \$159.95**

**Marshall VDA-108-3GS 1x8 Reclocking Distribution Amplifier**

The Marshall VDA-108-3GS is a compact and reliable distribution amplifier which accepts a single SDI input and provides eight identical outputs. All embedded data is passed transparently.

Marshall  
BROADCAST & PRO AV

- 3G/HD/SD serial digital distribution
- Eight separately buffered and reclocked outputs
- Dual color LED indication of input lock and rate • Passes all ancillary data
- Compatible with USB power sources using 3rd party adapter cables
- Less than 1.25 Watts fully loaded • Provides automatic input cable equalization up to 300m (1000ft)@SD, 150m (500ft)@HD/3G

**MAR-VDA-108-3GS • Reg. \$195.00 Your Price \$165.00**

**Freakshow HD 4K 12G-SDI Microsplit Reclocking DAs**

Freakshow, the company with the biggest ideas in 4K/12G distribution, introduces the smallest product yet. Meet the Freakshow HD Micro Split MSX, the worlds most compact 4K/12G Reclocking DA. The Micro Split is available in O-series with a standard FREAKSHOW connector or in L-series with a locking Lemo connector. The latest in reclocking and cable EQ technology extends cable runs up to 700 feet! The Micro Split's 12G/HD/SD-SDI flexibility is future proof, and exceeds previous generations' performance. 12V Power.



**FREAKS-MSX2-O • 1x2 • Your Price \$309.00**

**FREAKS-MSX4-O • 1x4 • Your Price \$349.00**

FREAK SHOW  
hd**Apantac 1x2 Passive SDI Triple-Rate Distribution Amplifier**

Apantac's DA-2HD is a passive 1x2 Triple-rate SDI/ASI/Composite Distribution Amplifier. This HD splitter is suitable for additional monitor feeds, remote camera locations and situations where size and weight are critical factors - such as racing cars, bikes and other sporting and research applications. Create two Broadcast quality signals from one input covering all formats up to and including HD. Can drive SDI signals up to 100 meters (330 ft)



**APA-DA-2HD • Your Price \$125.00**

**ESE ES-210 Quad 1x6 10 MHz Distribution Amplifier**

The ESE ES-210 provides four independent 1x6 Frequency DAs in a single rack-mount enclosure. Each DA has loop-thru inputs and six isolated outputs, all accessible via BNC connectors. Screwdriver-adjustable Gain controls are provided on the front of the case. The Gain control provides an overall signal level adjustment of -1.6 to +3.4 db. Unused outputs need not be terminated.



- Four Independent Amplifier Channels • BNC connectors
- Loop-thru output • 6 isolated outputs per channel
- 10 MHz frequency response • Gain control for each channel
- Single-rack Height Enclosure • 220-240 VAC (110-120 VAC is standard) & UL options available

ESE

**ESE-ES-210 • Reg. \$695.00 Your Price \$660.49**





## Kramer VM-UX 4K 12G SDI Video Distribution Amps

The Kramer VM4UX is a compact and high performance 1:2 or 1:4 4K distributors for standard broadcast grade SDI signals up to a 12G transmitted data rate. It auto-adapts to the data rate of one SDI input signal, equalizes and reclocks the signal to improve transmitted signal reach, and distributes the signal to 2 or 4 identical SDI outputs. Complies with SMPTE 259M (SD-SDI), 292M (HD-SDI), 344M (ED-SDI), 424M (3G HD-SDI), ST-2081 (6G-SDI) and ST-2082 (12G-SDI) standards.



kramer

**KR-VM-2UX • 1x2 • Reg. \$700.00 Your Price \$560.00**

**KR-VM-4UX • 1x4 • Reg. \$915.00 Your Price \$732.00**

## Kramer PT-102VN 1X2 Video Distribution Amplifier



The Kramer PT-102VN is a distribution amplifier for composite video or SDI signals. It takes one input, provides correct buffering and isolation and distributes the signal to two identical outputs.

- High Bandwidth - 430MHz (-3dB).
- Level (Gain) and EQ (Peaking) Controls.

- Max. Video Output: 2Vpp.
- Video Bandwidth (-3dB): 430MHz.

**KR-PT-102VN • Reg. \$185.00 Your Price \$148.00**

## Kramer 1x4 Composite Video Line Amp with Differential Input



The 104LN is a new version of our 104L high performance line amplifier which combines the functions of a distribution amplifier and a line driver. The 104LN has a differential input which helps to eliminate noise picked up by the input cable. It accepts a single composite video input and provides four identical buffered outputs with gain and equalization controls on the front panel.

The gain and EQ controls, which compensate for signal losses inherent in long cable runs, are recessed and accessible by screwdriver. The gain control adjusts the overall signal level, and the EQ control boosts the upper frequencies most susceptible to loss.



kramer

**KR-104LN • Reg. \$230.00 Your Price \$184.00**

## LEN LHDS01 Passive HD-SDI Splitter

The LEN LHDS01 HD Splitter is suitable for additional monitor feeds; remote camera locations and situations where size and weight are critical factors - such as racing cars, bikes and other sporting and research applications. Create two Broadcast quality signals from one input covering all formats up to and including HD. All connections are on the same face - ideal for permanent installations.



**LEN-LHDS01 • Reg. \$175.00 Your Price \$166.00**

## LEN L3GS01 3G-HDSOI Passive 1x2 Splitter

The LEN L3GS01 3G-SDI Splitter is suitable for additional monitor feeds; remote camera locations and situations where size and weight are critical factors - such as racing cars, bikes and other sporting and research applications. Miniature passive Splitter - no power required. Broadcast quality signal up to 3 Ghz.



**LEN-3GS01 • Reg. \$185.00 Your Price \$176.00**

## Ross SRA-8802-R2 openGear High Density 3G/HD/SD SDI Reclocking DA



**ROSS**

Ross SRA-8802-R2 is a high density 3G/HD/SD SDI reclocking distribution amplifier with A/B input failover protection and Rear Module for 1x8 with A/B Input

Failover Protection. The SRA-8802 is a single channel, 3G distribution amplifier redesigned using the latest technology and optimized to achieve the industry's best EQ performance offering cablelengths up to 120m at 3G. Equalization and reclocking is performed on all common serial digital signals, including 3G / HD / SD SDI. Non-inverting output drivers make this ideal for distributing DVB-ASI signals as well.

**ROSS-SRA-8802-R2 • Your Price \$598.00**

## Ross Dual 3G Reclocking DA openGear Card with HD-BNC Rear Module



**ROSS**

The Ross DRA-8804 is a 2 channel, 3G distribution amplifier, redesigned using the latest technology and optimized to achieve the industry's best EQ performance offering cable lengths up to 120m at 3G. Equalization and reclocking is performed on all common serial digital signals, including 3G / HD / SD SDI. Non-inverting output drivers, using the -R2 rear module, makes this ideal for distributing DVB-ASI signals as well. With up to 8 outputs per independent input channel, the DRA-8804 can be used in space critical environments as a dual 1x8 DA, when paired with the -R2H HD-BNC rear module.

**ROSS-DRA-8804R2H • Your Price \$943.00**

## Ross openGear Frame with Cooling and Advanced Networking

Ross OGX-FR-CN is an openGear OGX Frame with cooling and Advanced Networking. The OGX-FR frame comes standard with Ethernet connectivity for basic configuration and monitoring of openGear® cards through the DashBoard control system. The advanced networking card, the MFC-OG3-N, adds an on-board Gigabit Ethernet switch, with GigE access to each of the 20 processing card slots.



**ROSS**

**ROSS-OGX-FR-CN • with Cooling & Networking • Your Price \$2599.00**

**ROSS-OGX-FR-C • with Cooling Only • Your Price \$1899.00**

**ROSS-PS-OGX • Redundant Power Supply • Your Price \$865.00**

## Digital Forecast Bridge Micro M-DA 1x3 3G-SDI Splitter

The M-DA is part of the Digital Forecast Bridge M Series (Micro Type Converters) and is a Serial Digital video distribution amplifier that allows you take a single SDI signal and send it out to up to three devices. SD, HD, and 3G-SDI standards are supported. The M-DA distributes SDI SMPTE standard signals supporting formats up to 1080p60. There is a built-in re-clocker and cable equalizer - ensuring accuracy up to 100m/328ft in HD.



**DIGITAL FORECAST**

**DF-M-DA • Reg. \$160.00 Your Price \$152.00**

## LEN LHDR01 Passive HD-SDI Single Channel SDI Relay

A full broadcast switching serial digital video relay for all data rates up to 1485 MBitHD-SDI. It is ideal for applications such as power failure switching, where a local HD-SDI source is automatically switched in on failure of an incoming HD-SDI signal from a remote source.



**LEN-LHDR01 • Reg. \$195.00 Your Price \$185.00**



## COBALT

Cobalt Digital Inc. was founded in 1997, and is an award-winning designer and manufacturer of high quality, cost-effective conversion and processing products. The product line includes IP and 12G/6G/3G/HD/SD up/down/cross format converters, frame sync, color correction, HD/SD audio embedders/de-embedders, Dolby decoder/encoder cards, compression, multiviewers, routers.

### Cobalt Digital WAVE RTR 4RU with 64x64 and 32x32 SDI/ASI/MADI Router Crosspoints with support for signals up to 12G-SDI



Cobalt Digital Inc. introduces the WAVE RTR-64x64 12G SDI/ASI/MADI router. It is a midsize 64x64 Crosspoint solution contained within a compact 4RU (7 inch) tall frame. This router provides a high density solution that offers unprecedented flexibility, ease of use & integration. The frame is a thin 3.75 inch deep chassis. A single 10/100/1000 Ethernet port for IP based controls such as General Remote protocol SW-P-08 and PESA PNET. The unit also has RS 422 and RS 232 9pin serial communication ports. This compact design is specifically optimized for 12G SDI operation but handles lower SDI rates with ease.

- 64x64 Crosspoint / 12G SDI I/O • Full size 75 ohm BNC connectors • External analog reference for RP-168 switch point timing • SW-P-08 & PESA PNET remote control protocol
- Redundant power supply connections • Compatible with Cobalt Digital WAVE control panels (and many other brands)

**CB-WAVE-RTR32X32 • 32x32 • Your Price \$11995.00**

**CB-WAVE-RTR64X64 • 64x64 • Your Price \$14995.00**

### Cobalt WAVE CP-84L Remote Control Panel



The Cobalt WAVE CONTROL SERIES CP-84L Remote Control Panel features 84 back-lit LCD dot matrix display buttons. All buttons

are illuminated by Red, Green and Blue LED's providing a wide array of background colors to choose from. The WAVE series of control panels offer unprecedented flexibility, ease of use & integration.

- 84 R/G/B back-lit buttons with monochrome LCD graphics
- Compatible with Cobalt Digital WAVE Series Routers (And other brands with SW-P-08 communications protocol) • Quiet fan-less design
- Ethernet with PoE++ compatibility • Redundant DC power connections

**CB-WAVE-CP-84L • Your Price \$11995.00**

**CB-WAVE-CP-78 Lower cost coming up!**



### Cobalt Sapphire 3G/HD/SD Bidirectional Dual Channel Converter

The Sapphire BIDI-2H2S is a dual channel bidirectional HDMI to SDI and SDI to HDMI Converter. Each channel can be

independently configured to have either SDI or HDMI inputs and each channel has simultaneous SDI and HDMI outputs. This provides input and output options with independent paths of true 3G and HD conversions to and from all the SD-SDI, HD-SDI and 3G-SDI formats and HDMI.

- Supports all popular formats: 480i, 576i, 720p, 1080i, 1080p and 1080PsF
- Full input and output audio cross-points, including independent flex mix, stereo down mixers, and audio delay functions • EDID Capture and Management

**CB-BIDI-2H2S • Your Price \$4995.00**



### Cobalt Indigo 2110-DC-01 SMPTE ST-2110 Add-on for 9904-UDX-4K / 9905-MPx

With this option, all the advanced processing in these cards is now available with IP inputs and outputs, without the need for an external gateway. Indigo

2110-DC-01 includes support for ST-2022-7 seamless redundancy switching, as well as IS-04/IS-05 NMOS for automatic discovery and configuration. Mated with the host card, this creates a powerful and processing-dense product that is capable of natively processing HD, 3G and 4K IP streams with no quality compromises. No other solution currently in the market can achieve the density provided by the combination of functionality offered by the Indigo 2110-DC-01 and the 9904-UDX-4K/9905-MPx combination.

**CB-2110-DC-01 • Your Price \$4995.00**



### Cobalt Sapphire Single and Dual Channel JPEG-XS Mini-Converters

The Sapphire BBG-2110-H-S and BBG-2110-2H mini-converter address the need to display received JPEG-XS content on HDMI monitors in a simple and cost-effective way. The mini-converters are designed to be mounted behind

the monitor and are very quiet. These units can be available with a single-channel with simultaneous SDI and HDMI outputs or dual channel with two HDMI outputs.

- Converts one or two JPEG-XS streams with associated audio and ancillary data essences to HDMI. • Supports NMOS IS-04/IS-05 control, both in-band and out-of-band.
- Supports SMPTE ST 2022-7 Seamless Redundancy up to Class C for WAN operation.

**CB-BBG-2110-H-S • Single Channel • Your Price \$3495.00**

**CB-BBG-2110-2H • Dual Channel • Your Price \$5495.00**

### Cobalt Digital 9904-UDX-4K 12G/6G/3G/HD/SD UHD Up/Down/ Cross Converter/Frame Sync openGear Card



The Cobalt Digital 9904-UDX-4K UHD Up/Down/Cross Converter/Frame Sync/Embed/De-Embed Audio Processor is Cobalt's next generation of advanced scaler/frame synchronizers for the openGear platform.

- High-density openGear comprehensive UHD UDX solution

• Full up/down conversion between HD/3G, ST 2082 12G-SDI single-wire, and SD/2SI quad 3G-SDI based formats, with ST 2082 12G-SDI single-wire and quad 3G UHD available at both input and output

- 12G-SDI and quad 3G frame sync and user delay

**CB-9904-UDX-4K • Your Price \$5155.00**



### Cobalt 9905-MPx Quad-Path Up/Down/Cross Converter Advanced Scaler/Frame Synchronizer for the openGear Platform

The Cobalt Digital Multi-Path 9905-MPx 3G/HD/SD Quad-Path Up/Down/Cross Converter/Frame Sync/Embed/De-Embed Audio Processor is a Cobalt next-generation advanced scaler/frame synchronizer for the openGear platform. The 9905-MPx provides four independent signal paths of UDX / frame sync / audio embedding and de-embedding on a single open-Gear card. Using our HPF-9000 20-slot frame, this provides up to 24 channels (6 cards) of processing in a single frame.

- Up/Down/Cross Conversion with user ARC control. 3D-LUT is standard feature for all paths. • Supports all popular formats: 480i, 576i, 720p, 1080i, 1080pSF, 1080p
- Independent four-path ANC bridging, including timecode and closed-captioning processing • Noise Reduction and Detail Enhancement provide image optimization

**CB-9905-MPX • Your Price \$8995.00**



# » ENGINEERING BEYOND THE SIGNAL STARTS WITH INNOVATION.

## WAVE RTR-64X64 & RTR-32X32

### » 12G-SDI ROUTERS

Featuring 64x64 or 32x32 Crosspoint Solutions in a Compact 4U, a single 10/100/1000 Ethernet port for IP based control, RP-168 Switching Support, RS-232 and RS-422 ports for serial control, and management via a built-in web interface. WAVE control panel series with customizable API also available.

## SAPPHIRE BBG-2110-S/H & BBG-2110-2H

### » BBG-2110 SERIES - CONVERSION FROM ST 2110

### JPEG-XS TO HDMI IN SINGLE, DUAL AND QUAD-CHANNEL

Small and rugged for behind the monitor mounting.

## 9905-MPX & 9904-UDX-4K

### » STATIC OR DYNAMIC, YOUR CHOICE FOR SDR/HDR CONVERSION IS CLEAR.

Next-gen SDR/HDR conversion: the 9904-UDX gives you dynamic frame-by-frame processing using SL-HDR (ideal for sports and live events), and the 9905-MPx provides you multiple HD channels of static 3D-LUT conversion in a single package.

Add the **Indigo 2110-DC-01** daughter-card to 9905-MPx or 9904-UDX-4K and circumvent the error-prone and expensive need for multiple devices in the data path by adding redundant 25G Ethernet interfaces and a complete native ST 2110 stack (including NMOS IS 04/05) for an easy to manage, fully-integrated and cost effective solution.

**COBALT DIGITAL ENGINEERING BEYOND THE SIGNAL™**



**AVPro Edge AC-SC2-AUHD-GEN2 18Gbps HDMI Full Scaler**

EDID issues (including 4K HDR EDID's) and being able to access audio from the stream. This scaler is ready for future content as it can distribute 18Gbps signaling. Yet if you have 480, 720, or 1080 displays the AC-SC2-AUHD-GEN2 will make sure it's getting the right picture.

**APR-ACSC2AUHDGEN • Your Price \$649.00**

**Muxlab HDMI Video Scaler - 4K/60**

**MUX-500438 • Reg. \$353.00 Your Price \$244.00**

- Distributes one HDMI source to one HDMI display
- Scales up video to 3840 x 2160 @ 60Hz, or scales down to 1024 x 768 @ 60Hz
- Supports 8, 10 and 12 bit color • HDCP 2.2 compliant
- Supports pass-through of all audio formats up to Dolby Atmos and DTS:X
- Supports audio extraction on digital optical TosLink and analog 2CH 3.5mm jack

**Gefen VGA & Audio to HDMI Scaler / Converter**

- Test Pattern Generator for quick system configuration
- Embeds 2-channel analog stereo audio in HDMI signal • Gefen Syner-G simplifies in-field firmware updates and advanced EDID management including custom input timings
- USB port for use with Gefen Syner-G • Wide power supply operating range • Locking power supply connector • Surface mountable

**GEF-EXTVGAHDSC • Reg. \$460.95 Your Price \$324.00**

**Gefen HDMI & VGA to 3GSDI Scaler / Converter**

- Gefen Syner-G simplifies in-field firmware updates and advanced EDID management including custom input timings

**GEF-EXTHDVGA3GSC • Reg. \$635.25 Your Price \$425.00**

**Ocean Matrix SDI-HDMI Multiformat Cross Converter**

The Ocean Matrix OMX-3G-CC is a unique broadcast quality cross converter perfect for any multiformat field and studio tool kit. Whether you need to convert a 3G-SDI output to feed your HDMI camera top monitor or convert your HDMI feed to match your 3G-SDI production switcher, the OMX-3G-CC is your all-in-one solution.



- Enhanced HD Signal Processing Technology
- SDI Input, 2 SDI Outputs, and 1 HDMI Input, 1 HDMI Output
- Complies with SMPTE 424M, SMPTE 292M, SMPTE 259M Standards
- 100 Meter 3G-SDI Transmission on SDI Output
- Supports wide range input voltage from 5V - 24V

**OMX-3G-CC • Reg. \$150.49 Your Price \$138.95**

**AJA HDP3 3G-SDI To DVI-D Converter/Scaler up to 1080p60**

The HDP3 is a miniature 3G-SDI to DVI-D converter with support for 1080p50, 59.94, 60 input formats, and a DVI-D output for digital display devices such as LCD, DLP, and Plasma monitors or projectors. Using a very high quality scaling engine and de-interlacer, the HDP3 will automatically size 4:3 or 16:9 inputs to many DVI-D monitors, providing an efficient conversion for professional video sources to ubiquitous cost-effective displays.



- HD-SDI/SDI to DVI-D
- HDMI 1.3a support (via DVI-D connector), including: - Deep Color 30-bit video (24-bit also supported) - 2 or 8 channels of embedded audio
- Automatically adapts to popular LCD/ DLP/Plasma monitors (and projectors) up to 1920x1200 and 1080p
- High quality scaling engine for proper display of 4:3 or 16:9 content-even better quality than original HDP

**AJA-HDP3 • Your Price \$879.00**

**KanexPro 3-Input DisplayPort - HDMI & VGA Collaboration Switcher Scaler Over HDBaseT**

- 3-input Collaboration Switcher & Scaler w/ HDBaseT • Reliable switching with selectable output resolutions up to 4K UHD

- Extend 3-inputs via HDBaseT up to 230 feet (70m) • Send 4K UHD - 24/30Hz signals up to 115 feet (35 meters)

- 40 meters: 1080p @60Hz@48bit; 1080p@120Hz@24bit
- 70 meters: 1080p@60Hz@36bit; 3D1080p@30Hz36bit
- 3D, 1080p@60Hz@36bit; 4K x 2K@30Hz@24bit

**KAN-HDSC31D-4K • Reg. \$629.95 Your Price \$528.95**

**tvONE 1T-C2-750 Dual Picture-in-Picture PIP DVI-I Scaler**

The 1T-C2-750 Dual-PIP DVI-I Scaler is based on TV One's exclusive CORIOR2 technology and has two high quality graphic scalers capable of working at full DVI video rates. The two scalers can be used to convert digital DVI-D or analog DVI-A signals to another format, with full CORIOR2 picture-in-picture flexibility. DVI-D resolutions up to 1920x1200@60Hz and 1080p are supported along with analog DVI-A (or HD15 via optional adaptor) resolutions up to 2048x2048 at virtually any refresh rate.



**TV1-1T-C2750 • Your Price \$1150.00**



## **Blustream SM11 HDMI 18G Signal Manager with Audio Embed & De-Embed**



especially 4K. The SM11 also features de-embedding or embedding audio within the HDMI signal path, allowing you to breakout up to 7.1 audio signals.

- Can help to solve most HDMI EDID, HDCP, compatibility and handshaking issues
- Supports full HDMI 2.0 specification 4K UHD video (4K @ 60Hz 4:4:4)
- HDCP2.2 compliant • Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

**BLU-SM11 • Your Price \$260.00**

## **Kramer 4K Presentation Switcher/Scaler with HDBT and HDMI Outputs**



The Kramer VP-440H2 is a high-performance 4K@60Hz (4:4:4) presentation scaler/switcher with one HDBaseT/POE, three HDMI and one computer graphics (VGA) inputs. The unit scales the video, embeds the audio and outputs the signal to an HDMI and an HDBaseT output simultaneously. The unit includes analog and embedded audio inputs and outputs.

- System Range - For the HDBT inputs and outputs, extended reach of up to 100m (330ft) using Kramer recommended cables
- Provides Power (PoE) on HDBaseT Input to Compatible Devices

**KR-VP-440H2 • Reg. \$202610.00 Your Price \$2088.00**

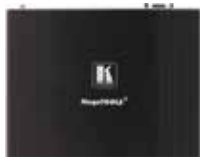
## **Kramer VP-440X 18G 4k 5 Input Presentation Switcher/Scaler with HDMI & HDBaseT Simultaneous Display**



Kramer VP-440X is a high-performance 18G 4K HDR presentation switcher/scaler with four HDMI inputs and one computer graphics (VGA) input. It scales the video, embeds the audio, and outputs the signal to two identical outputs - one HDMI and one HDBaseT - together with an analog stereo audio output. Via HDBaseT, it extends video signals to up to 40m (130ft) over CAT copper cables at up to 4K@60Hz (4:2:0) 24bpp video resolution and provides even further reach for lower HD video resolutions.

**KR-VP-440X • Reg. \$1745.00 Your Price \$1396.00**

## **Kramer 18G 4K HDR HDMI ProScale Digital Scaler with HDMI - USB-C and VGA Inputs**



Kramer's VP-426C is a high-performance digital scaler for HDMI, USB Type-C and computer graphics signals. The unit up- or down-scales the selected video signal to resolutions up to 4K@60 (4:4:4) at a maximum data rate of 18Gbps. The user selects the HDMI, USB Type-C, or VGA input and the scaled output is sent to the HDMI output.

- Max. Input resolution: 4K@60 (4:4:4)
- Max. Data rate: 18Gbps (6Gbps per graphic channel)
- HDCP 2.2 & 1.4 compliant • USB-C, HDMI and, legacy, VGA inputs

**KR-VP-426C • Your Price \$980.00**

## **Blustream SC11HD-V2 HDMI 4K Down-Scaler with Audio Embed & De-Embed**



The Blustream SC11HD-V2 is a HDMI 4K scaler, designed for installations with multiple displays that support different maximum video resolutions. The SC11HD-V2 is ideal for multi-room installations with multiple output resolution requirements. The SC11HD-V2 supports downscaling of 4K (inc.HDR) video to 1080p and supports HDCP2.2 with advanced EDID management. It also features either de-embedding or embedding audio within the HDMI signal path.

**BLU-SC11HD-V2 • Your Price \$250.00**

## **Blustream SC12SP-V2 HDMI 18G Splitter/Down-Scaler with Audio De-Embed**



The Blustream SC12SP-V2 is a 4K HDMI 2.0 splitter with in-built scaler, designed for installations in which a single 4K video source needs to be distributed to multiple displays that support different maximum video resolutions. The SC12SP-V2 supports downscaling of up to 4K @ 60Hz 4:4:4 video to various lower resolution video formats. The SC12SP-V2 also includes audio breakout, advanced EDID management and supports HDCP2.2

- Features 1 x HDMI input that is replicated to 2 x HDMI outputs
- Supports HDMI 2.0 18 Gbps specification including HDR
- Supports up to 4K UHD 60Hz 4:4:4
- HDMI output 2 supports 4K UHD video pass-through

**BLU-SC12SP-V2 • Your Price \$416.00**

## **Kramer VP-424C 18G 4K HDMI to HDMI ProScale Digital Scaler with HDMI and USB-C Inputs**

High-Performance Professional Scaler - Up-scales or down-scales HDMI and USB type-C signals to any resolution up to 4K@60 (4:4:4). The scaler supports CEC as specified in



HDMI 2.0 and HDCP 2.2/1.4, and features Input Auto-Switching, Constant Sync on the output even if the input video signal is lost or interrupted, and a built-in ProcAmp for convenient signal adjustment. Fast, Smooth Manual and Auto Switching Between Sources - Select the HDMI or USB Type-C input, or, if no input is selected, the active source is automatically selected. EDID Handling - Reading and storage of the video acceptor's EDID.

**KR-VP-424C • Reg. \$785.00 Your Price \$628.00**

## **Kramer VP-451 18G 4K HDR HDMI ProScale Digital Scaler with HDMI and USB-C Inputs**

High-Performance Professional Scaler - Supports HDR10 and HDCP 2.2/1.4, and features input auto-switching, constant sync on the output even if the input video signal is lost or interrupted, and a built-in ProcAmp for convenient signal adjustment. Fast, Smooth Manual and Auto



Switching Between Sources - Select the USB Type-C or one of the HDMI inputs, or configure the device to automatically select the active source. Flexible Analog Audio Embedding and Extraction (De-embedding) - The user can select the unbalanced analog audio input to embed into the HDMI output signal. On the output, the user can select to extract the audio signal and output it as balanced analog audio.

**KR-VP-451 • Reg. \$1290.00 Your Price \$1032.00**





## AJA Hi5-Plus 3G-SDI to HDMI Mini-Converter



Bring HDMI and 3G-SDI devices together with AJA's Hi5-Plus for a full range of monitoring and recording solutions in the edit suite, on set or at live events. Hi5-Plus is AJA's next generation SDI-to-HDMI Mini-Converter for integrating HDMI monitors into professional SDI workflows with USB setup. When used with a compatible HDMI monitor, Hi5-Plus outputs a 30-bit Deep Color RGB signal that allows for incredible color representation. The 3G-SDI input on Hi5-Plus allows extremely high-quality signal representation through to the HDMI output for use with RGB workflows where image quality is critical.

**AJA-HI5-PLUS • Your Price \$505.00**

## AJA HDMI to SDI with ROI Scalers

- HDMI to SDI conversion
- Region of Interest scaling
- HDMI loop through • Audio embedding
- Aspect ratio conversion • Genlock input
- Configure via USB port and supplied Mini-Config software
- Uses 5-18VDC power (universal power supply included) • 5-year warranty



**AJA-ROI-HDMI • ROI-HDMI • Your Price \$1245.00**

**AJA-ROI-DVI • DVI/HDMI • Your Price \$1245.00**

## AVMATRIX SC2030 3G-SDI/HDMI Scaling Cross Converter



The AVMATRIX SC2030 has a variety of transformation combinations to realize the inter-rotation of various resolutions between SDI/HDMI. When you choose either SDI or HDMI input, both SDI and HDMI output at the same time. Multiple signal conversion function to meet a variety of HD video conversion needs. When the SDI/HDMI input signal is connected at the time, the default priority SDI signal input. It features embedding an external analog audio to both SDI and HDMI outputs. The most commonly uses 3.5mm interface it easy to add external audio signals to SDI/HDMI video output.

**LIL-SC2030 • Your Price \$149.00**

## Lumatek ez-SHVPLUS SDI to HDMI Converter with Display and Scaler



**LUMANTEK®**

a wall mount option. You can alternative choose to set up at wall or not by changing side bracket. ez-SHV+ detects cable length automatically up to 190 m at 3G-SDI.

- 24/7 Video Monitoring • Eye-pattern (Eye-Diagram) • Mirrored output for teleprompter • Audio Level Meter • Detect Cable Length Automatically

**LMTK-LUM-EZ-SHVP • Your Price \$199.00**

## Blackmagic Design Micro Converters - SDI to HDMI 3G

The Blackmagic Design Micro Converter BiDirectional SDI/HDMI 3G has been specifically designed for professional monitoring. It includes a 17 point 3D LUT for color calibrating any monitor, projector or television. You can even output the 3D LUT on the SDI loop output! Plus it supports DCI formats and film rates including 1080p24, 1080p47.95 and 1080p48. The Micro Converter BiDirectional SDI/HDMI 3G-PS includes the 100 to 240V AC power supply.



Blackmagicdesign

**BMDCONVCMICSH3GW • With Power Supply • Your Price \$69.00**

**BMDCONVCMICSH03G • No Power Supply • Your Price \$59.00**

## Blackmagic Design Mini Converter - SDI to HDMI 6G

The Mini Converter SDI to HDMI 6G lets you convert from SDI to HDMI in SD, HD, and Ultra HD formats while de-embedding audio to HDMI, AES/EBU or balanced analog audio. You also get advanced features such as down conversion for monitoring Ultra HD on HD HDMI monitors as well as built in 3D LUTs plus HDMI instant lock for instant video display when an SDI input is connected!



Blackmagicdesign

**BMD-CONVMB5H4K6G • Your Price \$199.00**

## Blackmagic Design Mini Converter - UpDownCross HD

The BlackMagic Design Mini Converter UpDownCross HD is a full standards converter that lets you convert any SD or HD video format to any other SD or HD video format! You get both SDI and HDMI inputs and outputs, along with reference input for built in re-sync, high quality Teranex conversion algorithms, automatic audio delay for perfect AV sync, international power supply and more!



Blackmagicdesign

- SDI Video Inputs: 1 x SD, HD or 3G-SDI Video Input and 1 x External Reference Input •

HDMI Video Output: HDMI type A out. Output supports EDID of the monitor

**BMD-UPDOWNCROSHD • Your Price \$159.00**

## LYNX Technik yellobrik CDH 1411 12G/3G/HD/SD-SDI to HDMI Converter

The LYNX CDH 1411 is a versatile, compact 12G SDI to HDMI converter designed to combat a host of monitoring and display applications in broadcast, post production and pro AV markets. Convert any SDI video signal into an HDMI signal for monitoring and display. Fiber connectivity options add SDI fiber transmission and/or SDI fiber reception using the integrated fiber SFP socket.



**LYNXTechnik AG®**

**LNX-CDH-1411 • Reg. \$1185.00 Your Price \$1125.75**

## Datavideo DAC-70 VGA / HDMI / 3G/HD/SD Cross-Converter

The Datavideo DAC-70 is an up/down cross-converter that converts between SD, HD, and 3G formats. It accepts VGA, SDI, and HDMI video inputs. It automatically converts to the selected output format, even when the video input changes.



- 10-bit: DAC-70 supports 10-bit processing with high-quality video filtering.
- Multi-Channel Audio: Multi-channel audio is supported

**DV-DAC-70 • Your Price \$549.00**

**datavideo®**



## **BirdDog BD4KQUAD 4K QUAD** **4-Channel 12G SDI to 4Kp60 NDI Encoding and Decoding**



BirdDog's Comms Pro and Central Pro apps.

**BDS-BDOGBD4KQUAD • Your Price \$2099.00**

Following on from the award winning HD NDI® products, the 4K Family has been engineered from the ground up for real-world users. Built around BirdDog's custom NDI® silicon chip and housed in an aircraft grade aluminium case, features include 12G SDI and HDMI 2.0 inputs and outputs, built-in cross converter, SFP+ port for 10GbE connectivity, active loop outs, audio intercom system, NDI® tally system, PoE, and compatibility with

## **Newtek NSP4KIO Spark Plus I/O HDMI 4K Converter**



is the fastest, easiest, and most flexible way to integrate HDMI devices into your IP-based video production workflows from anywhere on the network and avoid the cable length limitations of HDMI. Share video over IP with any compatible system, device, or application that supports NDI, including NewTek solutions and products from third-party manufacturers and developers.

**TRI-NSP4KIO • Your Price \$995.00**

NewTek Spark™ Plus IO 4K are portable, affordable UHD 60p NDI® HDMI media converters. Capture media directly from connected cameras or devices and convert to high bitrate NDI®, or take NDI® streams from the network and convert them for display on screens, monitors, projectors, or video walls. A Spark Plus IO 4K device

## **Newtek NSP3GIO Spark Plus I/O 3G-SDI Converter**



is the fastest, easiest, and most flexible way to integrate SDI devices into your IP-based video production workflows from anywhere on the network and avoid the cable hassles of SDI.

**TRI-NSP3GIO • Your Price \$895.00**

NewTek Spark™ Plus IO SDI are portable, affordable 3G 1080 60p NDI® SDI media converters. Capture media directly from connected cameras or devices and convert to high bitrate NDI®, or take NDI® streams from the network and convert them for display on screens, monitors, projectors, or video walls. A Spark Plus IO SDI device

## **Kiloview P2 HD HDMI Wireless 4GLTE Bonding Video Encoder**



**KV-P1 • SDI Model • Your Price \$849.00**  
**KV-P2 • HDMI Model • Your Price \$799.00**

Kiloview P series video encoder is a professional high-end encoding device specially designed for mobile applications. It adopts KiloLink - Kiloview's patented algorithm to solve the problem of poor connectivity. It perfectly suits outdoor live streaming and transmission in such scenarios as live events, concerts, sports, field broadcast, emergency spots and more, anytime, anywhere. Kiloview P series features ultra-low end-to-end latency (<1s), meanwhile, it supports voice intercom with Kiloview KIS, it's also perfect for remote program production or group interaction. P1 supports SDI input, while P2 supports HDMI input.

## **Magewell 64060 SDI TX 1-Channel** **3G-SDI to NDI Converter**



The Magewell 64060 Pro Convert SDI TX 1-Channel HD SDI to NDI Converter/Encoder from Magewell allows you to convert an SDI signal with embedded audio to an NDI stream. It supports resolutions up to 2048 x 1080 at 60p on both input and NDI output. The device can be powered via an included power adapter or over PoE using the NDI port.

**MGW-64060 • Your Price \$425.00**

**MAGEWELL®**  
Digital Video Essentials

## **Magewell 64210 Live NDI into HDMI or SDI**

The Magewell 64210 Pro Converts a live NDI® stream into HDMI or SDI. It connects baseband presentation or distribution equipment into IP-based media networks using AIO (ALL IN ONE DOWNLOADERS). An "All in One Video Downloader" (aka AIO), offers you the ability to download videos in multiple formats including MP4, M4A, 3GP from multiple social media platforms and sources. Also GIF, JPG and PNG image downloads are supported as well. AIO also includes HD quality as a selection when downloading, if applicable. The 64210 supports NDI technology including Full NDI and NDI HX Mode. It supports streaming protocols including SRT, RTSP, RTMP, UDP, RTP, HLS, HTTP and H.264/HEVC formats.

**MGW-64210 • Your Price \$439.00**



**MAGEWELL®**  
Digital Video Essentials

## **Magewell 32110 1-Channel USB3.0 HD Capture Box**

Improve the end-user visual experience for display scaling with the Magewell 32110 One-channel HD capture box. With its BNC SDI, DB-9 VGA, and DVI-I inputs, this capture device will accept video resolutions up to 2048 x 2160. If you need to stream or record at a certain resolution, the USB Capture AIO will internally up or down-convert the input signal to the set resolution. The software will scale to the right size to show the full size of user interface if the system scales up too much.

- Auto scan of video input sources when there is no signal input to the currently selected input source
- Manual selection of video input source
- Auto selection of linked (embedded) audio input source when the video input source changes
- Manual selection of audio input source

**MGW-32110 • Your Price \$619.00**



**MAGEWELL®**  
Digital Video Essentials

## **Magewell 64100 Pro Convert NDI to HDMI Decoder** **Convert NDI Stream into HD HDMI Signal**

Use the 64100 Pro Convert NDI to HDMI Decoder from Magewell to convert an NDI stream with embedded audio to an HDMI signal output. It supports resolutions up to 4K60 over NDI input, and decodes NDI streams up to 2K60 and DCI 4K at 15 fps over HDMI output. The device can be powered via an included USB power adapter or over PoE using the RJ45 port. A companion Web UI allows web configuration from a wide variety of web browsers, such as the device name, source name, NDI and EDID identifiers, and other settings.

**MGW-64100 • Your Price \$425.00**



**MAGEWELL®**  
Digital Video Essentials



## Blackmagic Design CONVNTRM/AB/HSDI Teranex-Mini HDMI to 12G SDI Converter



The Blackmagic BMD-CONVNTRM/AB/HSDI Teranex Mini HDMI to SDI 12G converts from HDMI to 12G-SDI. Works with all video formats including SD, HD, 6G and 12G-SDI rates and includes an up

Blackmagicdesign

- converter for converting HD to Ultra HD. Embed audio from balanced analog or AES/EBU and timecode input. Ideal for converting HDMI consumer cameras to SDI, or adding SDI outputs to computers with HDMI connections. Teranex Mini converters feature cutting edge, multi rate 12G-SDI technology that's 8 times faster than regular HD-SDI.

**BMD-CTMABHSDI • Your Price \$545.00**

## Blackmagic Design Micro Converter - BiDirectional SDI/HDMI 3G



Blackmagicdesign

- HDMI 3G-PS includes the BMD-PSUPPLY-5V10, 100 to 240V AC power supply with international socket adapters.

**BMDCONVBDCSDIHD3 • Your Price \$79.00**

## Blackmagic Design Mini Converter - HDMI to SDI 6G



Blackmagicdesign

- The Mini Converter HDMI to SDI 6G mini converters make it possible to convert HDMI to SDI in all formats up to 2160p30. These models feature professional multi rate 6G-SDI and are compatible with all existing SDI broadcast equipment. They also feature HDMI along with analog and AES/EBU audio inputs or outputs, depending on the model. The HDMI to SDI 6G model can embed incoming audio signals into the SDI output from the HDMI, balanced analog or digital AES/EBU audio inputs.

**BMD-CONVMBH524K6 • Your Price \$155.00**

## Blackmagic BiDirectional SDI/HDMI 12G Micro Converter



Blackmagicdesign

- The new Blackmagic Micro Converters are incredibly tiny broadcast video converters that let you connect between consumer HDMI and professional SDI equipment. The rugged and miniaturized design makes them small enough to be used anywhere! You get professional 3G-SDI or 12G-SDI connections, depending on the models, so you can work with SD, HD and Ultra HD formats up to 2160p60. Micro Converters use USB for power, so they can

- be powered directly from televisions or laptop computers.
- You can even purchase them without power supplies! Only
- Blackmagic Micro Converters feature custom electronics that conform to global broadcast specifications, and can be updated to new standards in the future.

**BMD-CONVMBH524K6 • Your Price \$155.00**

## Lumantek LUM-EZ-HSV+ HDMI to SDI Converter with 2.7 Inch TFT LCD



**LUMANTEK®**

Now you can monitor HDMI video with the Lumantek ez-HSV+. Features you can check are audio bar, incoming resolution and scaled out resolution. The ez-HSV+ comes with the capability to embed external audio as well to give you a more convenient way to plan your production scheme. Through the 2.7 inch TFT LCD screen, you can monitor the incoming video and in/output and check the sound through the audio level meter on the screen.

**LMTK-LUM-EZ-HSV • Your Price \$199.00**

## Lumantek EZ-MDPLUS HDMI/ SDI Cross Converter with Audio Mux/Demux and Scaler



**LUMANTEK®**

The Lumantek ez-MD+ changes the resolution of the incoming video ranging from 480i to 1080p60. You can also change the video display ratio. You can choose from either 16:9 (Full) or 4:3 (Pillar Box) screen ratio to fit your requirement. All these functions are controlled by a "dip switch". There is also a "Free Running", "Input Lock", and "Genlock" mode to synchronize your video signal. Genlock system ensures proper synchronizing of the signals when aligning the source with external signal.

**LMTK-LUM-EZ-MD-P • Your Price \$399.00**

## AJA HA5 PLUS HDMI to SD/HD-SDI Video and Audio Converter

The AJA HA5 PLUS converts HDMI to SDI or HD-SDI. Up to eight channels of HDMI audio are embedded into the SD/HD-SDI output allowing a convenient single cable audio/video connection. The HA5 provides two SD/HD-SDI outputs and supports long HDMI cables on the input. The HA5 is useful for connecting HDMI cameras to SD/HD-SDI equipment.



**AJA VIDEO SYSTEMS**

- Full HDMI support including embedded audio
- Equalized HDMI input supports long HDMI cables up to 40m
- PLL clock filtering for low jitter SDI outputs
- Lock LED shows type of input source: SD (green), HD (red), or 3G (amber)

**AJA-HA5-PLUS • Your Price \$505.00**

## Apantac HDMI to SDI Converter with Looping Input & Dual Output

- Converts HDMI to SDI with looping input and Dual output
- Built-in simple Multi-format Pattern Generator
- Compatible with Tahoma Multi viewers
- Reclocking DA outputs
- Compatible for 3G/HD/SD-SDI
- Cable reach up to 120 meters for 3G, 140 meters for HD-SDI



- INPUT: 1 x HDMI, 1 x RJ45 (HDMI) - Supports HDMI 1.3, up to 1080p
- OUTPUT: 2 x SDI (1080p, 1080i, 720p, 480i)

**APA-DA-HDTV-SDI • Reg. \$700.00 Your Price \$625.00**

**APANTAC**





## Science Image FLOW4K 4K SDI HDMI Up-Down-Cross Converter with Optical Transceiver



**SCIENCE IMAGE**  
Make better

**NEW**

This is a set frequency conversion, optical end machine in one of the delicate small box. The built-in 12G-SDI and HDMI 4K60 optical modules can be used as bidirectional optical modules in the field. It's an up and down converter; Access to the optical fiber line can realize the function of optical terminal machine, can long-distance transmission of original signals, multi-purpose machine, reduce the cost of the system, can be fast, flexible, convenient response. NDIr Studio 4K.SH is also both 12G-SDI/HDMI2.0 Interface Up/Down/Cross converter. The conversion function and NDI codec function work at the same time and it supports at least 35 SMPTE standard formats, special formats customized by users can also be accepted.

**SCI-FLOW4K • Your Price \$995.00**

## Osprey MVS-3 SDI Multiviewer with Scaling and Frame Rate Conversion SDI and HDMI Output



**Osprey**  
Video

Used as a Multi-Viewer, two or more inputs can be directed to the outputs and displayed in a large variety of layouts. The Output resolution and frame rate can be set to any SMPTE supported standards. In addition, audio bars can be overlaid on each channel for quick signal monitoring. Outputs support Up and Down Scaling and frame rate conversion.

**OSP-MVS-3 • Your Price \$398.00**

## Decimator MD-LX HDMI/SDI Bi-Directional Converter for 3G/HD/SD



**DECIMATOR**  
DESIGN

- Auto Select (Active input to all outputs or if both inputs are active SDI to HDMI and HDMI to SDI)
- HDMI in to SDI out and SDI in to HDMI out
- SDI in to HDMI and SDI out
- HDMI in to HDMI and SDI out
- Low Power enabling operation from the USB
- USB provides for power, control and firmware upgrades

- This unit also includes a Power Supply and USB Cable

**DEC-MD-LX • Your Price \$99.99**

## Decimator MD-HX HDMI/SDI Cross Converter with Scaling and Rate Conversion



**DECIMATOR**  
DESIGN

The MD-HX from Decimator Design is a miniature and low-cost HDMI/SDI down up cross converter with Scaling and Frame Rate conversion. The MD-HX is controlled either via USB on a Mac/Windows app, or on-unit using the LCD screen and button controls. The MD-HX is a truly portable converter, that incorporates our new easy to use LCD and button control system. This gives you easy access to all of the amazing features that have been unavailable without a computer until now.

**DEC-MD-HX • Your Price \$295.00**

## Decimator Design Multi-Definition Down Up Cross Converter

The Decimator Design MD-DUCC is a Multi-Definition Down Up Cross Converter (3G/HD/SD)-SDI to (3G/HD/SD)-SDI, HDMI and Analog Video with 2 x AES/EBU or 2 x Analog Audio Outputs. This unit features true down up cross conversion, allowing the conversion between any of the supported formats. Simply select the output format you require, no matter what the input format is.

- Supports both 3G level A and B on the input and output. Allowing conversion between A and B.
- Horizontal and/or Vertical image flipping via the built-in scaler.
- Auto detects 3G, HD or SD (26 Formats in total)

**DEC-MD-DUCC • Your Price \$445.00**



**DECIMATOR**  
DESIGN

## Decimator 2 Miniature 3G/HD/SD-SDI to HDMI Converter with De-Embedded Analog Audio

- Auto detects 3G, HD or SD (26 Formats in total) and can handle switching of synchronous sources
- Simultaneous scaling on both the HDMI and Composite outputs with a maximum delay of 1 input frame
- HDMI output with optional full scaling and aspect ratio conversion.
- De-Embedded Analogue Audio is output on 2 x RCA connectors at -10dBu = -20dBFS.
- 3G/HD/SD-SDI Active Loop-Through Output
- Adjustable position for either Safe Action or Safe Title

**DEC-DECIMATOR-2 • Your Price \$345.00**



**HOT**

**DECIMATOR**  
DESIGN

## Decimator Design 12G-CROSS HDMI/SDI 4K Cross Converter with Scaling and Frame Rate Conversion

The Decimator Design 12G-CROSS is a small, low power portable converter encased in a solid robust aluminum case and does not contain a noisy fan. Allowing it to be used in almost any environment. This unit allows either of the HDMI or SDI outputs to be simultaneously sourced from either the HDMI or SDI input or the new 4K scaling engine.

- Now supports 294 VESA formats on the HDMI Input • Audio pairs in the SDI and HDMI outputs can be rearranged as required • Includes 4x 3G/HD/SD-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier

**DEC-12G-CROSS • Your Price \$495.00**



**DECIMATOR**  
DESIGN

## Decimator Design MD-CROSS V2 HDMI/SDI Cross Converter

The MD-CROSS V2 is an HDMI / SDI CROSS CONVERTER with Scaling, Frame Rate Conversion, Overlays, Video Test Pattern Generator and Audio Tone Generator The MD-CROSS is a truly portable converter, that incorporates a new easy to use LCD and button control system.

- Support both 3G level A and B on the input and output. Allowing conversion between A and B.
- Horizontal and/or Vertical image flipping via the built-in scaler.
- 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.

**DEC-MD-CROSS • Your Price \$395.00**



**DECIMATOR**  
DESIGN

## Blackmagic Design Teranex AV Standards Converter 12G-SDI & HDMI 2.0 I/O & Loop Through



Blackmagicdesign

- Ultra low latency, as low as 67 milliseconds.
- HDMI 2.0a, 12G-SDI in, out and loop

through connections. • XLR connections for 2 channels of balanced analog and 4 channels of AES/EBU audio input. • Consumer HiFi connections for 2 channels of audio input from devices like laptops and iPods.

- Optical fiber cage for adding optional SMPTE compatible fiber optic SDI modules.
- Internal still store and live freeze modes.

**BMD-TERANEX-AV • Your Price \$1695.00**

## Blackmagic Design Teranex Express SD/HD/Ultra HD Broadcast Up/Down Converter



Introducing Teranex Express, the world's first real time SD, HD and Ultra HD broadcast up and down

converter! Featuring advanced patented algorithms, Teranex Express gives you visually transparent quality conversions and are mandated by major broadcasters and studios worldwide! You get an incredible 178 SD, HD and Ultra HD conversions in full 10-bit quality complete with audio, closed captions, timecode and more!

- Control Panel: Familiar Teranex controls • On Screen Menus
- Broadcast Connections • Integrated Universal Power Supply

**TERANEXEXP12GDL • Your Price \$1395.00**

## Blackmagic Design Teranex Mini - IP Video 12G



Blackmagicdesign

Build your IP based facility quickly and easily with the Blackmagic Teranex Mini IP Video 12G! Now you can convert video to IP and route it over your existing ethernet network, or you can convert IP video back to SDI. Teranex Mini IP Video 12G uses standard Blackmagic Videohub software and

hardware control panels to configure and switch IP video over ethernet as easily as SDI signals! You get 12G-SDI and the low latency broadcast quality TICO codec so you can route HD over the built in gigabit ethernet connection or Ultra HD over 10G ethernet with an optional 10G SFP!

- Gigabit ethernet supports 3G-SDI up to 1080p60 using TICO encoding/ decoding.
- Optional 10G optical data ethernet supporting Ultra HD up to 2160p60 using TICO encoding/ decoding
- Auto detection of HD-SDI, 6G-SDI or 12G-SDI.

**BMD-TERANEXIP12G • Your Price \$545.00**

## Apantac Micro-4K 4K to HD Down Converter



4K (in the form of 4 x 3G SDI inputs) to 3G / HD / SD SDI converter. Can alternatively be used as a simple quad split. SDI output up to 1080p 50/60Hz. HDMI Output for monitoring. 8 GPI for presets.

- Supports 4K input
- HDMI and SDI outputs up to 1080P
- Supports up to 8 channels of embedded audio
- Stereo Analog Audio Output

- HDMI and Embedded SDI Audio Output

**APA-MICRO-4K • Reg. \$1045.00 Your Price \$979.00**

## Ensemble Designs BrightEye 92-A HD Down-converter with Analog Audio



**ENSEMBLE  
DESIGNS**

- Down-conversion for monitoring or broadcast
- SD SDI, HDMI, analog composite video outputs
- Analog audio inputs and outputs
- Analog audio monitor output
- Mirror output mode for on-camera talent
- Graticule and Safe Title generator • Frame sync • 12 and 16 bit processing

**ENDE-BE92A • Reg. \$1500.00 Your Price \$1425.00**

## Ensemble Designs BrightEye 92-M HD Down-converter

BrightEye 92-M will down-convert any type of HD signal and provides both an SD SDI output and an analog composite output that are suitable for broadcast or monitoring. The built-in Frame Synchronizer allows you to feed asynchronous signals to the BrightEye 92-M.



**ENSEMBLE  
DESIGNS**

- Down-conversion for monitoring or broadcast
- SD SDI, HDMI, analog composite video outputs
- Analog audio monitor output • Mirror output mode for on-camera talent
- Graticule and Safe Title generator • Frame sync
- 12 and 16 bit processing • Passes embedded audio

**ENDE-BE92M • Reg. \$1200.00 Your Price \$1140.00**

## Ensemble Designs BrightEye 93 HD Cross Converter

BrightEye 93 converts between various HD standards, whether 720p or 1080i. Simply select the output standard you need and connect the input, that's all there is to it. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully



**ENSEMBLE  
DESIGNS**

- An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed.
- Input selection, gain control, and test pattern controls are provided through the front panel interface. Audio presence LEDs indicate which channels are detected.

**ENDE-BE93 • Reg. \$1800.00 Your Price \$1710.00**

## Kramer VP-510 4K to 2K Down-Converter

The VP-510 is a down-converter for 4K HDMI signals. The unit takes a 4K resolution input, provides a loop output and down-converts it to 2K resolution. It allows the use of legacy equipment with 4K signals.



**kramer**

- HDMI Signal Downscaling - From 4K/2K to 2K/1080p.
- 4K Resolution Support - 4096x2160p @24Hz and 3840x2160p @24/25/30Hz.
- HDMI Signal Bypass - For non-4K resolutions. • HDMI Looping Input.
- HDMI Support - 3D, Deep Color, x.v.Color, Dolby TrueHD, Dolby Digital Plus, DTS-HD and 7.1 multi-channel audio.

**KR-VP-510 • Reg. \$465.00 Your Price \$372.00**







## Contemporary Research 232-ATSC 4K HDTV Tuner with PS12 1.5 Power Supply & Rack Mount Kit



The Contemporary Research 232-ATSC 4K HDTV Tuner, our 5th-generation HDTV tuner, adds new capabilities to the industry-standard 232-ATSC series including



an IPTV streaming output via the Ethernet port!

- Tunes analog and digital channels in ATSC, NTSC, and clear QAM formats.
- Decodes MPEG2 and H.264 digital channels up to 1080p 60Hz
- IPTV streaming output via Ethernet port.
- Analog HD RGBHV and Component video output resolutions: 480i, 480p, 720p, 1080i, and 1080p, or Auto.
- Analog HD outputs can operate simultaneously with HDMI depending on colorspace setting.
- RGBHV or Component output selection from front-panel settings, Web page, or control commands.
- 1080p and 2160p set to 60Hz for more universal applications, 1080i and 720p can be set to 60 or 59.94Hz.

**CRC-232-ATSC-4K • Reg. \$1130.00 Your Price \$961.00**

## Contemporary Research ATSC-SDI 4i HDTV Tuner with HD-SDI & HDMI Output



- Tunes analog and digital channels in ATSC, clear QAM, and NTSC formats
- Decodes MPEG2 and H.264 digital channels up to 1080p 60Hz



- SDI Output - SD/HD/3G • HDMI Output - Type A, Version 1.3
- SDI and HDMI output resolutions: 480i, 720p, 1080i, and 1080p, or Auto
- All outputs operate simultaneously
- 1080p and 2160p fixed at 60Hz frame rate, 1080i and 720p selectable at 60 or 59.94Hz
- Passes through IPTV stream from received digital channel
- AC-3, PCM, or Variable PCM audio formats for SDI, HDMI, and digital audio ports

**CRC-ATSC-SDI-4I • Reg. \$1497.00 Your Price \$1497.00**

## Contemporary Research 5122-001 ATSC-Mini - HDTV Tuner with Mounting Wings



- Tunes ATSC air and clear QAM cable channels • Tunes NTSC air and cable channels
- Decodes MPEG-2 and H.264 digital channels up to 1080p 60Hz
- HDMI selectable video output resolutions: 480i, 480p, 720p, 1080i, 1080p, and 4K or Auto • Consumer Electronics Control (CEC) available on HDMI port for display power control • Web pages for remote setup, configuration, and control
- AC-3, PCM, or Variable PCM audio formats for S/PDIF and HDMI outputs
- Simultaneous HDMI, S/PDIF, and Analog Stereo Audio output
- On-screen menus for tuner setup and configuration
- Decodes analog and digital closed captioning • Full ASCII 2-way RS-232/Telnet commands • Powered via external 12 VDC 1 A power supply or PoE
- Meets RoHS and California energy-saving standards

**CRC-5122-001 • Reg. \$950.00 Your Price \$814.00**

## Thor QAM CATV RF and ATSC RF to HDMI Decoder STB / Digital RF to HDMI Decoder



The Thor H-STB-QAM-ATSC is a unique universal dual-standard Set Top Box - IRD Integrated Receiver Decoder and PVR Recorder



-Digital TV converters: 1) CATV RF Off the Air antenna digital ATSC signal Tuner Decoder, 2) CABLE TV Digital DVB-C Annex B QAM 64/256 Tuner Decoder. This decoder can decode ATSC and Clear QAM Modulated RF. The decoder has four outputs: 1) HDMI output up to 1080p60, 2) YPbPr component Audio Video Output up to 1080i (RCA connectors), 3) CVBS Analog Baseband Video and Audio output (RCA connectors), 4) CATV RF Analog Output NTSC/PALchannel 3 and 4 (Application - Digital RF to Analog NTSC /PAL converter)

**THR-H-STBQAMATSC • Reg. \$150.00 Your Price \$125.00**

## ZeeVee STBI3 IP and Broadcast Set Top Box Decoder - Digital RF over Coax and H.264

- Autodiscovery - STBI3 auto-discovers the ZyPerMX, ZyPerMX2/4, HDBridge and ZvPro iSeries streams, which are added automatically to the lineup.
- Additional Channels - Additional channels/streams can be added manually.



**zeevee**  
Signal Intelligence

- HD Formats - Supports several HD formats: H.265, H.264, MPEG-2, MPEG4, and others
- IPTV Programs - Supports many kinds of IPTV programs
- Control - Infrared remote control with programmable buttons allows direct control of the television (unified remote control for controlling user experience). Change channels remotely via IP commands

**ZV-STBI3 • Reg. \$425.00 Your Price \$379.00**

## ZeeVee HD Digital Cable-tuner/Decoder

- Enables any projector, monitor or other display without a QAM digital tuner to connect to a ZvPro or Hdbridge Encoder / RF Modulator



**zeevee**  
Signal Intelligence

- Converts coax cable signal to either HDMI or composite
- Small and easy to mount near a projector
- Digital audio output over HDMI or analog audio output via a RCA connection
- Made in the USA
- For legacy analog televisions, you can set the ZvSync to send RF output to either Channel 3 or 4 for easy setup and integration of legacy displays

**ZV-SYNC-NA • Reg. \$185.00 Your Price \$185.00**

## Contemporary Research ICC1-TC HDTV Tuner with Display Controller



The Contemporary Research



ICC1-TC Tuner/Controller is an HDTV Tuner with integrated Display Controller designed for use with HD monitors and projectors in a distributed CATV system with Contemporary Research Display Express or third-party TV control. Housed in a new, smaller low-profile enclosure, the unit with built in mounting wings can be mounted flush to walls or displays. As a full function HDTV tuner, the Contemporary Research ICC1-TC Tuner/Controller can receive ATSC, NTSC, and clear QAM cable channels, able to decode MPEG-2 and H.264 video. The unit features HDMI output with full-time audio available via HDMI, as well as variable-level analog stereo audio outputs.

**CRC-ICC1-TC • Reg. \$1015.00 Your Price \$928.00**

**NEW**

## Thor Fiber H-16ATSC-IP-16QAM QAM to IP Gateway ATSC QAM IPTV Broadcast System



Thor Fiber H-16ATSC-IP-16QAM 16 RF Inputs to IP outputs +16 RF Outputs (RF to IP Gateway + RF to RF transmodulator). This unit can take existing ATSC channels and convert them to IP streams and QAM RF channels simultaneously (RF input = IP + RF output). FTA tuner inputs can be set to any non-adjacent carrier and converted to IP UDP unicast, multicast streams.

After setting the frequency the unit scans for Video/Audio programs and once discovered they can be converted individually to IP streams or re-modulated on different frequencies(channels) or a different modulation standard.

**THR-H16ATSCIP16Q** • Reg. \$7794.00 **Your Price \$6495.00**

## Thor 4 Channel HDMI & CVBS Network Encoder Streamer UDP/RTP Low Latency HLS/ RTMP/ HTTP & USB Playback



This Thor H-SPARTAN-4 is 4 HDMI low latency LAN encoder and WAN streamer, utilizing H.264 encoding, AC3 or MPEG1 Audio encoding. It can be used as a 4 ch HDMI or 4ch CVBS, or a mix of both, IP streaming device. Ideally used for UDP/RTP multicast over LAN or it could be used as streaming device over public internet WAN using HLS, HTTP, RTMP. Easy to use and simple to setup; this single 1RU chassis has been designed to stream MPEG4 video directly to websites like Youtube and Facebook for streaming applications. Low latency and minimal bit rate lets you stream up to 1080p quickly and efficiently through Thor Broadcast's newest multi channel encoder with protocols needed by most social media.

**THR-H-SPARTAN-4** • Reg. \$3474.00 **Your Price \$2895.00**

## Thor 4x Satellite L-Band LNBs/1 CATV QAM/ATSC RF Over 1 Fiber Transmitter MDU Distribution Solution



Thor Fiber MDU Satellite over Fiber - Optical Transmitter F-SattGalaxy-TX-5 has 5 independent RF inputs, converts each satellite signal from a quad or quatro LNB, and also terrestrial off-air TV signal via antenna array in a single unit to transmit over one singlemode fiber. Thor Optical MDU Satellite Receiver F-SattGalaxy-RX converts the optical signal back to the original 4 satellite signals and the fifth terrestrial off-air TV signal injected on the TX. Off Air TV / Radio

signals like ATSC, Analog NTSC, DVB-T, or ISDB-T, DVB-C QAM annex A/B or RF FM Radio can be used in the 5th RF port for transmission.

**FSATTGALAXYTXRX5** • Reg. \$4794.00 **Your Price \$3995.00**

## Thor 8 Ch HDMI Encoder Multiplexer & IPTV Server



Highest density 8 channel broadcast encoder with HDMI inputs. Encodes programs to CBR or VBR H.264 transport streams on ASI and IP outputs. Features dual hot stand by power supplies to ensure system uptime and reliability. IP output is in standard IPTV format as UDP or RTP unicast or multicast with IGMP support. Both individual SPTS single program streams and an MPTS multi program stream are provided on unique IP streams.

- 8 Ch HDMI Encoder & Multiplexer with ASI & IP Output
- Provides all program specific information & PID tables
- Encodes full HD programs up to 1080p60 high level H.264
- Full independent settings for each input video channel
- Adjustable bit rate from 0.5 to 19 Mbps CBR and VBR

**THR-8HD-EMH** • Reg. \$8034.00 **Your Price \$6695.00**

## Blonder Tongue Clearview Flex QAM Flexible Transmodulator - 32 IP/ASI In/Cherry Pick/IP/ASI/4 QAM Out

- Multiplexes SPTS to MPTS via IP and/or QAM outputs; MPEG-2 or H.264/H.265
- De-multiplexes MPTS to SPTS; MPEG-2 or H.264/H.265
- Can pass-thru or modify PSIP information such as major/minor channels, short names, and corresponding program IDs (PIDs)
- Allows for null packet insertions or deletion supporting Constant Bit Rate (CBR)
- UDP Unicast or Multicast support
- Supports UDP delivery of IP packets
- Supports three audio formats: AC3, AAC and MPEG-1 Layer 2, E-AC3



**BT-CLEARVFLEXQAM** • Reg. \$2074.00 **Your Price \$1685.00**

## Blonder Tongue Aircaster AQT8-IP ATSC/QAM Transmodulator Customizable IP Output from Off-air and/or QAM Input Sources

The Aircaster AQT8-IP allows the user to create a custom IP output from off-air and/or QAM input sources. The unit accepts eight 8VSB off-air or QAM sources and simultaneously outputs these SPTS and/ or MPTS programs in IP. At the same time, the AQT8-IP can be configured in Pass Through mode, which directly maps the demodulated RF port content in MPTS format to IP output. The AQT8-IP can accept encrypted QAM sources, and output the encrypted IP transport streams programs in MPTS or SPTS formats, while preserving the MPEG tables (PAT, PMT, PSIP, VCT, and MGT) from the source.



**AIRCASTER-AQT8IP** • Reg. \$4120.00 **Your Price \$3343.43**

## Cabletronix 4-Input Encoder-Modulator with ASI and IP Outputs

The DT-IPTV-QAM-ASI-4HC encoder/modulator provides a dynamic independent DVB-C Annex B QAM output along with 4 IP and ASI (MPTS) streams making it ideal for any commercial RF system. The high quality HD design allows for watching action packed movies and sports channels on any HDTV. The DT-IPTV-QAM-ASI-4HC encoder/modulator is a feature rich digital encoding platform allowing it to be deployed in a variety of installations.



making it ideal for any commercial RF system. The high quality HD design allows for watching action packed movies and sports channels on any HDTV. The DT-IPTV-QAM-ASI-4HC encoder/modulator is a feature rich digital encoding platform allowing it to be deployed in a variety of installations.

- Integrated connection strain relief manager
- 2 Frequency Independent QAM outputs
- 3 VCN (Virtual Channel Number) modes
- GUI for easy setup and control

**CT-DTIPTVQAMASI4** • **Your Price \$3628.16**

## Matrox Maeve Quad 4K Enterprise Decoder

The Matrox® Maeve 6152 quad 4K decoder complements the entire Maeve product line. Efficiently decoding up to four 4K streams, or many more lower resolution streams, the Maeve 6152 decoder introduces plenty of options and advantages for multi-screen decoding. The Maeve 6152 decoder is also compatible with the popular Matrox Maeve PowerStream Plus AV-over-IP management software, which allows for complete control of the entire Maeve network. Easily build new applications or integrate the functionalities of PowerStream into existing applications with the Matrox PowerStream Plus SDK. Further customize the appearance of your Matrox product with new company naming, images, logos, colors, buttons, and identity for greater ease of use and complete white label branding of Matrox hardware and software.



**MTX-MVX-D6152-4** • **Your Price \$2935.00**





## Contemporary Research QMOD-HDMI2 Dual-Channel RF or IPTV Encoder



- **ENCODING:** Creates SD and high-definition MPEG-2 and/or H.264 streams at 480i, 480p, 576i, 720p, or 1080i for distribution.
- Accepts stereo or PCM audio and converts to Dolby Digital AC-3/1, with SAP dual-language capability.
- Embedded captioning from Line 21 data on composite video inputs.
- Dual hardware scalers enable precise formatting of digital signage for edge-to-edge presentation. Units accept up to 1080p 30/60 Hz and PAL video, as well as, various computer graphics resolutions while delivering programs at a fixed resolution.
- Dual-channel operation is standard, creates one physical channel with two HD programs.

**CRC-QMOD-HDMI2 • Reg. \$2226.00 Your Price \$2035.00**

## Contemporary Research QMOD-SDI HDMI Dual-channel RF or IPTV Encoder



The dual-channel QMOD-SDI HDMI, with SDI and HDMI inputs, sets a new standard for sports, motion and digital signage encoding. Dual hardware scalers accept content up to 3G 1080p, shapes digital signage for edge-to-edge presentation, and compensates for non-broadcast and

PAL refresh rates. Able to deliver two HD programs in one channel, the QMOD-SDI HDMI can also output the content as a Multicast or Unicast IPTV stream. One HD-SDI input, 3G 1080p and 1080i/720p 59.94/60 Hz HD-SDI, and SD-SDI 480i widescreen/4:3 video; also accepts embedded 608/708 captioning and AES audio. One HDMI input (non-HDCP), up to 1080p with embedded audio

**CRC-QMOD-SDIHDMI • Reg. \$2745.00 Your Price \$2508.00**

## Contemporary Research QMOD-SDI 2 Encoder with Dual SDI and Composite In and Agile QAM Output



The dual-channel QMOD-SDI2, with two SDI inputs, sets a new standard for sports, motion and digital signage encoding. Dual hardware scalers accept content up to 3G 1080p, shapes digital signage for edge-to-edge presentation, and compensates for non-broadcast and PAL refresh rates. Able to deliver two HD programs in one channel, the QMOD-SDI 2 can also output the content as a Multicast or Unicast IPTV stream. Options include dual-language SAP audio, easy front-panel setup and alternate audio and NTSC video inputs.

**CRC-QMOD-SDI2 • Reg. \$3205.00 Your Price \$2930.00**

## Upcom Technologies UC-350E SDI & Composite Video MPEG Encoder



The UC-350E+ SD MPEG-2/4 ENCODER is a broadcast-level real-time encoder compatible with MPEG-2 and MPEG-4 DVB standards. It is designed for TV broadcasting, news contribution, content delivery, distribution and DTH applications. The UC-350E+ SD MPEG-2/4 ENCODER model includes SDI and Analog Inputs and allows for the use of standard IRD's. It also includes an ASI input with RE-MUX option, allowing to daisy chain encoders. UC-350E+ encodes one video signal and up to two different audio channels (2 stereo) at the same time, as well as supports MPEG-1 Audio layer 2, LC-ACC, HE-AAC. A wide range of data rates are supported including: (0.25~10Mbps for H.264 encoding, and 0.5~15Mbps for MPEG-2 encoding).

**UPC-UC-350EP • Your Price \$4499.00**

## ZeeVee HDb2840 4-Channel HDMI Video Over Coax - Dolby Digital AC-3 Audio



The HDb2840 is a 4-channel HD modulator with unencrypted HDMI inputs for our best video quality yet! PLUS you get a bonus 5th Channel! Save an MPEG-2 video file to the internal memory and use it as an additional signage channel!

- Use Existing Coax Cabling • Compatible with any HDTV • MPEG2 Video and AC3
- Audio Encoding • DVB-T and DVB-C Output • QAM or DVB-T/C modulator (varies by region) • Unencrypted HDMI video inputs for up to 4 channels
- Maestro multibox management software - local or remote configuration and management • Color LCD for front-panel configuration and at-a-glance monitoring and status

**ZV-HDB2840 • Your Price \$5129.00**

## ZeeVee ZvPro 610 Single Channel Component/VGA Encoder/QAM Modulator

- Dual Component/Composite or VGA with Audio Input (Hydra AV Breakout Cable Required- sold separately)
- Power web-based interface for configuring and monitoring
- Color front panel configuration and status at a glance
- Compact, fan-cooled package • High power 45dBmV output
- Shelf or rack mount - via integral flanges or optional mounting kit
- Front-Panel Color LCD - for Configuration and Status
- Web-based management - local or remote setup and monitoring



**ZVPRO610 • Your Price \$1561.84**

## ZeeVee ZvPro 820 Dual Channel Unencrypted HDMI Encoder/QAM Modulator

- Distribute two channels of digital SD or HD up to 1080i/p throughout your entire facility over coax cable infrastructure
- Frequency agile, MPEG-2, QAM encoder/modulator
- Supports Dolby Digital AC-3, 5.1 audio
- Unencrypted HDMI input • Shelf or rack mount - via integral flanges or optional mounting kit • Front-Panel Color LCD - for Configuration and Status
- Web-based management - local or remote setup and monitoring



**ZVPRO820 • Your Price \$2547.28**

## ZeeVee ZvPro 920i HD-SDI 1080p 2-Channel HDbridge Encoder / QAM Modulator

- Simultaneously encodes two HD-SDI sources directly into a MPEG-2 IP network video stream as well as private RF channels that can be received by an unlimited number of HDTV displays
- Includes a free additional customizable channel with ZvShow to convert a video file into a separate channel to enable you to play commercials, update menu specials, or use as digital signage on any display.
- Includes the ZeeVee Emergency Alert System (EAS) that can also connect into compatible national or local alert systems
- Delay matched audio output on the first port for synchronizing whole house audio



**ZV-HDB2920i • Your Price \$3431.34**



### Thor H-THUNDER Series Full 1080p HDMI Digital RF Encoder Modulators



The THOR H-THUNDER is a HDMI Digital RF Encoder Modulator for Full HD up to 1080p that supports 4 or 8 HDMI inputs. The signal source can be from any STB, satellite receiver, closed-circuit television camera or antenna source and the output signal is designed to work with any TV or STB. It comes standard with multiple RF modulation standards built in to assure this device can work anywhere in the world. This unit is similar to Thor's popular H-1, 2 and 4 HDMI-QAM-IPLL product line, but it has some differences. It's less expensive and each program is modulated on its own frequency and has a CATV RF output only, no IPTV output.

**THR-H-THUNDER-4** • Reg. \$2994.00 **Your Price \$2495.00**

**THR-H-THUNDER-8** • Reg. \$5274.00 **Your Price \$4395.00**

### Blonder Tongue BAVM-860SAW Audio/Video Saw Filtered RF Modulators



The Blonder Tongue BAVM-860SAW is an economical commercial quality TV modulator. It provides a +55 dBmV RF output on any specified CATV channel from 2 to 135 (54 to 860 MHz). HRC and IRC frequency plans are also available. Ideal for placing A/V program sources such as satellite receivers, cameras or TV demodulators onto standard 6 MHz NTSC TV channels for broadband distribution. It features SAW filtering with built-in FCC group delay pre-distortion assuring excellent adjacent channel performance and color operation. For BTSC stereo applications, a field-defeatable audio pre-emphasis network is provided making this compatible with any outboard stereo generator that provides a composite baseband output. A -30dB output test point and all user controls.

**BAVM-860-SAW-\*** • Reg. \$184.00 **Your Price \$177.39**

\*Available in Channels 2-99

### Blonder Tongue AMCM-860D Modular Audio/Video Modulator



The Blonder Tongue AMCM-860 is a frequency-agile analog audio/video modulator available in NTSC channels 2-135 (54-860 MHz). Models are available in both stereo and mono audio inputs. This 4th generation of AMCM-860 is equipped with the CALMTones feature, utilizing Audio AG. Audio AGC feature prohibits commercials that accompany broadcast programs from having modulation levels substantially higher than the broadcast program, having an average maximum loudness substantially higher than that of the broadcast pro.

**AMCM-860D** • Reg. \$436.00 **Your Price \$331.09**

### Cabletronix SAW Filtered Modulator Channel 6



The Cabletronix SAW860-CH6 is a fixed channel, PLL controlled, video and audio modulator with SAW filtering. It is available for any cable channel from 2 to 127. Its video dynamic range insures 87.5% modulation depth over a wide video input range. The vestigial sideband selectivity allows maintenance free adjacent channel configuration. An efficient power supply enables cool and stable operation. The unit offers high performance, low cost and compact design. The unit is backed by a two year limited warranty.

**CT-SAW860-CH6** • Reg. \$160.00 **Your Price \$139.95**

### Thor IPTV to 32 RF channel Analog NTSC PAL Modulator



Thor H-IP-32RF is an Analog NTSC /PAL analog modulator with IPTV input, works as a Digital IPTV streams to 32 analog channel modulator - gateway, it has two GB Ethernet ports for content IPTV SMPPTS / MPTS TS's input that will convert up to 32 programs to standard NTSC or PAL or SECAM modulated channels. Each port can handle up to 840 Mbps or 64 IP programs. H-IP-32RF supports H.265 HEVC, H.264, and MPEG2 transport stream encoded formats. The output is 32 programs on adjacent or non-adjacent carriers within a 400 MHz bandwidth between 47 and 862 MHz. It works as an IPTV decoder demodulator integrated with an analog modulator.

**THR-H-IP-32RF** • Reg. \$4674.00 **Your Price \$3895.00**

### Thor Drop & Play Converter for an HDMI Signal Modulated Into an RF Channel

- HDMI Input - HDCP compliant ( works with any HDMI device )

- 10/100 Ethernet NMS port for control, setup, and monitoring

- RF output could be set to any CATV format as QAM, ATSC, DVB-T, or ISDB-T

- RF output power is +24dbmv; enough for distributing HDTV video to 100's of TV over existing Coax cable • MPEG2 video encoding • AC3 Audio encoding • RF power could be controlled over the network via NMS Gui (Proprietary)



**THR-HHDMIRFPETIT** • Reg. \$586.80 **Your Price \$489.00**

### Thor Fiber 4-Channel HDMI/YpPbr/Composite to QAM Encoder Modulator with Low Latency & IPTV Streamer

- 70 ms Low Latency encoding feature for low delay display

- 4x HDMI/YpPbr Input and 1x ASI Input / QAM, IPTV, & ASI Output



- Distribute or Broadcast any live HDMI digital video source
- Combination Encoder, Modulator, IPTV Server, & ASI Mux - Closed Caption 608 via Analog Input • Controlled through web server on separate network port
- Encodes in MPEG-2 or H.264 video codecs at 0.5 - 19 Mbps

**THR-4ADHD-QAM-IP** • Reg. \$4434.00 **Your Price \$3695.00**

### Thor 8 Channel HDMI and SDI Clear CATV RF Modulator QAM/ATSC/DVB-T/ ISDB-T

- 8 Independent HDMI and SDI Inputs - (individually selectable for each of the 8 channels you can output)

- HDMI is HDCP compliant for use with any source

- Outputs 8 separate Clear CATV RF channels QAM / ATSC - 8VSB / DVB-T / ISDB-T (selectable in the GUI)

- RF output on each of the 8 RF channels can be individually set to a frequency and modulation standard (2 on QAM, 3 on ATSC, 4 on ISDBT, etc)

- DVB-C Annex A and B - QAM 64, QAM 256

- Supports full HD video up to 1080p/59.94/60, other resolutions included are 1080i, 720p, 480i also supported

- Low Latency supported; 3 different latency settings - 100/500/1000ms

- Video encoding rate up to 2Mbps • MPEG2 Video Encoding



**THR-H-HYBRIDRF-8** • Reg. \$5394.00 **Your Price \$4495.00**





## Thor F-LBAND-Tx/Rx Satellite L-Band RF Over Fiber Transmitter & Receiver Kit



The L-Band fiber optic Transmitter/Receiver pair are used for transporting RF Satellite signals in the L Band over fiber from the antenna to the satellite receiver. L-band RF signals have a very limited range over coaxial cable, typically no more than a few hundred feet. By transporting the L-Band RF signal over an optical fiber this range can be extended to over 50 miles. Units provides optional 13/18V LNB power as well as Automatic Gain Control (AGC) to manage RF input level.

**THR-LBAND-TX-RX • Your Price \$1495.00**

## LYNX Technik Yellobrik ORX 1702-ST Analog Video/Sync Singlemode 1310nm Fiber Receiver ST Connector



The LYNX Technik ORX 1702 ST is a compact analog sync or NTSC/PAL composite video to fiber optic receiver. This device is specifically designed to combat the restrictions involved with the distribution of broadcast quality analog reference and composite video signals over long distances.

- Supports analog black burst, bi-level, tri-levelsync signals and NTSC and PAL composite video
- Passive loop output
- Broadcast quality performance
- Error free optical transmission
- Versions for LC, ST or SC fiber connections
- Multimode version available
- Up to 10km (6.2 miles) singlemode

**LNK-ORX-1702-ST • Receiver • Your Price \$826.50**

**LNK-OTX-1712-ST • Transmitter • Your Price \$826.50**

## Artel Fiberlink IRIG - 1310nm - Single Mode Transmitter - 1 Fiber - ST Box



The FiberLink XA-1900-7ST IRIG Fiber Optic Transmitter is designed to convert wide band IRIG analog signals into modulated light for transmission over fiber optic cables. The transmitter employs linear, intensity modulation and is suitable for use with most optical fibers. The XA-1900 employs a single ended, unbalanced input which is compatible with all IRIG input formats.

- High Performance Plug and Play Products



- Stand Alone and Card Cage Versions Available
- Solutions for Most Video, Audio, and Data Formats
- Multi mode and Single Mode Versions

**ARTL-XA-1900-7ST • Reg. \$1815.00 Your Price \$1557.00**

## Opticis 1 Fiber (Multi Mode) DVI Extender



- Small and solid aluminium enclosure
- Easy and simple installation with two (2) multi-mode fibers
- Reads and restores the targeted EDID in the transmitter (Self-EDID)
- Provides Power, Status (Signal transmission in the transmitter and signal detection in the receiver), LED indicators

- Auto-power switching
- Supports up to WQXGA (2560x1600), 60Hz or WQXGA (3840x2400), 33Hz
- Uncompressed DVI signal up to 500m (1640ft) over two (2) multi-mode fibers

**OPTI-DDFX-100-TR • Your Price \$2100.00**

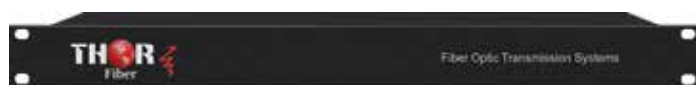
## Thor Fiber RF Over SC/APC Fiber Extender Set - 1310nm

The Thor Fiber Optical Mini CATV RF 45-900Mhz Transmitter is mainly used for transmitting long distance optical fiber transmission of CATV RF - Analog or digital QAM or ATSC Television Digital TV, telephone and data transmission. It's application for digital signal transmission of video and data in the cable television and communications industry. The transmission range can vary from 5km to 30km. It comes equipped with an advanced DFB laser that readily provides exceptionally high performance and RF power, as well as automatic processing technology. Finally it has a built-in micro-computer that automatically monitors the control system and guarantees excellent performance of the equipment.



**F-RF-TXRXMN21310 • Reg. \$2394.00 Your Price \$1995.00**

## Thor Rackmount Video & Audio Fiber Transmitter and Receiver Kits for Video & Audio Channels



This Fiber Optic Video Audio Transmitter digitizes video and audio and transports it in a digital uncompressed form. It sends modulated light signals to the fiber optic receiver where it is converted back to analog video and audio. These units can also be used for Video Over Fiber Test systems. Standard unit is singlemode and supports 20Km fiber optic distance

**THR-F-2V4ATXRXRM • 2v4 • Reg. \$3180.00 Your Price \$2650.00**

**THR-F-4V8ATXRXRM • 4v8 • Reg. \$5994.00 Your Price \$4995.00**

**THR-F-8V16ATXRX • 8v16 • Reg. \$8994.00 Your Price \$7495.00**

## Thor Fiber CATV RF Over Fiber Transmitter 45-870MHz with 16dB Output Power

1310nm - 16mW fiber optic transmitter for Television RF from 45-870 MHz. Directly converts any incoming RF signal within this band to optical RF. Transports all channels and programs over one fiber. Can be used for point to point, or combined with PLC couplers and fiber optic splitters for point to multipoint applications. Outputs Industry standard RFG signals that can be accepted by most fiber optic RF receivers from other manufacturers.



**THR-RF-1310-T16W • Reg. \$3594.00 Your Price \$2995.00**

## Thor Channel Composite Video Over Fiber Transmitter and Receivers



There are many high end security cameras out there that still shoot

in standard composite video. Our line of compact fiber transmitters/receivers are designed to extend the life of this equipment. Thor's fiber optic security transmitters still use the same high end 10 bit digital encoding that our broadcast transmitters use, just in a less expensive chassis. Thor offers many different configurations and services with this line of products.

- Up to 20km of singleMode Fiber • 3000Ft of Multimode Fiber • Led Lights
- RS485 control • ST/PC Connectors • Rackmount 1 RU • Includes Power Supplies

**THR-1V-TXRX • 1 Channel • Reg. \$466.80 Your Price \$389.00**

**THR-2V-TXRX • 2 Channel • Reg. \$538.80 Your Price \$449.00**

**THR-4V-TXRX • 4 Channel • Reg. \$594.00 Your Price \$495.00**

**THR-8V-TXRX • 8 Channel • Reg. \$1194.00 Your Price \$995.00**

**THR-16V-TXRX • 16 Channel • Reg. \$1914.00 Your Price \$1595.00**

## Matrox Maevex 6122 Dual HDMI Video over IP Encoder



Matrox® Maevex 6122 is an HDMI® video encoder that delivers dual 4K capture, encode, stream, and record—with zero latency pass-through. The encoder supports multiple streaming protocols, including SRT and on-device HLS, for easy and secure streaming locally or across the world.

Dual 4K input with zero latency pass-through • Matrox Maevex streaming flexibility • HDCP 1.4 and 2.2 compliant • H.264 advanced video coding • 4:4:4 8-bit support • Rack mountable

**MTX-MVX-E6122-2 • Your Price \$3500.00**

## Vanco Receiver/Splitter



- To be utilized with Evolution by Vanco matrix units, splitters, and extender transmitters that send HDMI
- Signals over a single Cat5e/6 cable and feature Power over Ethernet (PoE) Technology

- Transmits HDMI via a single Cat5e or Cat6 Cable

- Features Power over Ethernet (PoE), No power supply needed on the receiver end

**VCO-EVRX2006 • Receiver • Reg. \$213.99 Your Price \$178.99**

**VCO-EVSP1013 • Splitter • Reg. \$383.99 Your Price \$319.99**

## AVPro Edge Ultra-Slim 70 Meter HDMI via HDBaseT Extender



The AVPro Edge AC-EX70-UHD-KIT is a Super Slim 70 meter HDMI via HDBaseT extender, Rx and TX, over single CAT-5e/6a/7 UTP/STP.

The AVPro Edge primary extender is the most cost effective, state of the art and reliable single CAT 70 meter extender on the market today and solves problems for both commercial and residential markets for distributing high value 4K UHD content from rack to display. With the additional ability to cascade extenders affordable and reliable HDMI extension is now possible.

**AC-EX70-UHD-KIT • Your Price \$679.00**

## Apantac HDMI-1-R-II 150 Foot HDMI Over CAT6 Extenders



- Supports HDMI 1.2, 1.3, 1.4
- Supports 480P, 720P, 1080i, 1080P
- Supports DVI resolutions up to 1920x1200
- Extends HDMI (1080P) signal up to 50 meters (150 feet)

- Uses a single CAT6 cable

- Model E is the transmitter, R is receiver

**APA-HDMI-1-E-II • Your Price \$144.95**

**APA-HDMI-1-R-II • Your Price \$150.00**

## KanexPro 230 Foot 4K60Hz HDMI Extender over Cat6



The KanexPro EXT-4KHD70M HDMI extender includes a transmitter and receiver units, allows for HDMI signals to be transmitted up to 70 meters at 4K resolution using a Cat6/6a/7 network cable.

**KAN-EXT-4KHD70M • Your Price \$249.95**



## FiberPlex FPX6000 Dante Audio/Video over IP Gateway

**Patton's FPX6000 enables 8 audio channels (transmit or receive) and 1 HDCP encryption support video channel (transmit or receive) to be easily inserted onto an existing Ethernet network backbone without suffering the performance issues and management difficulties associated with audio and video over IP.**



**A+V = Dante®**

Dante's sub-microsecond synchronization of audio and video eliminates alignment problems—this is accomplished by having a single network clock for the entire system in sync regardless of the number of endpoints, transporting audio and video with low deterministic latency. In addition to providing high performance audio and video over IP, the FPX6000 is loaded with peripheral connectivity options including USB2.0 and USB OTG for keyboard and mouse, infrared for remotes, even serial signals for PTZ control and more.

- The Dante Controller makes routing, controlling and monitoring your audio and video traffic and endpoints as simple as clicking a button.
- Perfect Audio and Video Synchronization - Utilizing a Single Network Clock, Independent routing of Audio and Video anywhere on the network while maintaining perfect synchronization.
- Trusted Dante Audio - Dante protocol timing and synchronization significantly reduces harmonic distortion and phasing caused by jitter, wander and delay typically found on standard Ethernet networks.
- Supports Mixed Networks - Dante ensures that your time-sensitive audio/video streams always get enough reserved bandwidth even while on a standard Ethernet network.

**FPX6000T-PD • Transmitter • Your Price \$2240.00**

**FPX6000R-PD • Receiver • Your Price \$2240.00**

## KanexPro HDMI Extender Over CAT6 up to 196ft. (60m)

The KanexPro HD-EXT60M is a compact HDMI Extender with local HDMI output designed to carry DVI/ HDMI signals over distances beyond the capability of standard HDMI/ DVI cable. It extends video and audio over a single CAT6 cable up to 196ft. (60m) and is compliant with HDCP and EDID to enhance Deep Color and optimal resolutions up to HD 1080p/60.



- Extend DVI/HDMI over CAT6 cable up to 196ft. (60m)
- Local HDMI output on Transmitter for preview • Supports full HD 1080p
- Digital audio support • HDCP & EDID compliant
- Full IR control over CAT6 • Supports 16-bit per channel (48-bit all channels)

**KAN-EXT-HD60M • Reg. \$125.95 Your Price \$106.95**

## KanexPro HDMI Extender HD Signals over Single CAT 5e/6 up to 165ft (50m)

The KanexPro one input over one output HDMI Extender is designed to carry DVI/ HDMI signals over distances beyond the capability of standard HDMI/ DVI cable. It extends video and audio over a single CAT5e/6 cable up to 165ft. (50m) and is compliant with EDID.



- Supports data rates up to 1.65 Gbps per channel
- Supports full HD 1080p (1920x1080@60Hz) • Digital audio support through HDMI
- EDID compliant • Supports 8 bit per channel (24 bit all channel)
- Under the desk or rack mountable

**KAN-HDEXT50M • Reg. \$104.95 Your Price \$99.95**





## Ocean Matrix 4K/60Hz 4:4:4 HDR HDMI PoC Extender



A low cost and reliable solution for extending HDMI signals up to 4K/60 over 160 feet. It is the ideal system for digital signage applications as well as theater stadium venues needing to feed projection systems. The Ocean Matrix 01HMHM0007 employs a technology known as PoC (power over copper) which allows the receiver to be powered over the category cable. System supports HDMI 2.0 and HDR signals as well as EDID pass through and auto downscaling. Full TX/RX Kit.

**OMX-01HMHM0007 • Your Price \$99.95**

## Ocean Matrix HDMI 18Gbps 4K@60Hz Splitter & Extender Kits



Distribute and extend HDMI signals in brilliant 4K quality to 4 displays at a range over 100 feet with the Ocean Matrix HDMICAT1X4. This system is perfect for digital signage applications in sports bars, restaurants and businesses as well as trade show booths

and similar live event spaces. The HDMICAT1X4 supports Power Over Copper to simplify installations at displays or projectors and the system also offers built-in EDID management to ensure your signals are always on. The Ocean Matrix HDMICAT1X4 supports HDMI 2.0 4K2K@50/60Hz 4:4:4 signals.

**OMX-HDMICAT1X8 • 1x8 Kit • Reg. \$599.95 Your Price \$579.95**

**OMX-HDMICAT1X4 • 1x4 Kit • Reg. \$399.95 Your Price \$349.95**

## Ocean Matrix 4K HDBaseT Transceiver



The OMX-12BTMX0001 is a transceiver featuring 3 HDMI outputs to feed local displays and looping HDBaseT output to feed additional units. The unit supports uncompressed multi-channel audio and bi-directional IR and RS232 control.

- HDMI 2.0 Bandwidth Up To 18Gbps
- Supports Resolutions Up To 4K @60Hz YUV 4:4:4
- Transmits 4K Up To 40m, 1080p Up To 70m
- HDR10, 3D Support
- 1x HDBaseT In; 1x HDBaseT Out With 3x Looping HDMI Out

**OMX-12BTMX0001 • Special Price \$229.95**

## Ocean Matrix 4K HDMI 2.0 Over Single Cable Extender Set



- HDMI 2.0 Audio/Video over a Single CAT6 Cable
- HDMI Loop Out on Transmitter
- Transmission Distance: 4K60Hz Cat 6/6a/7 up to 197 feet (60m), Cat 5e 164 feet (50m) / 4K30Hz/1080p Cat 6/6a/7 230 feet (70m), CAT5e up to 164 feet (50m)
- Bi-Directional Power over Cable (PoC)
- One Way IR Pass Through
- Supports EDID from Receiver Display
- CE, RoHS Certified

**OMX-01HMET0003 • Your Price \$179.95**

## Ocean Matrix 1080P HDMI Over IP Extender with IR Transmitter



- Supports up to 1080p video, Plus 2-Channel Audio
- Plug and Play Operation - No Programming Required for One-to-One Setups
- Wide-Band IR Control
- Use Ethernet Switches for Multiple Layered Cascade Applications
- HDCP Compliant
- Supports TCP/IP Protocol
- Black Powder-Coated Steel Cabinet
- CE and FCC Certified

**OMX-10HMIP0001 • Your Price \$97.95**

## Ocean Matrix 4K@30Hz at 8-Bit HDMI Extender Set



The Ocean Matrix OMX-HDMI-CAT6X extends HDMI based high definition video/audio beyond the standard distances of HDMI cable and its inherent limitations. Consisting of a transmitter and a receiver, this system delivers 4K@30Hz HDMI

signal up to 40 meters (130 feet) and 1080p@60Hz HDMI signal up to 70 meters (230 feet) over a single CAT6 network cable. The system fully supports 4K@30Hz and 1080p@60Hz resolutions as well as IR control over the same cable run. IR signal pass-back allows for remote control of the source at a secondary location with two IR extension cables (included).

**OMX-HDMI-CAT6X • Reg. \$84.95 Your Price \$81.95**

## Ocean Matrix HDMI Over IP Extender / HDMI to CAT5/CAT6 Converter

Distribute HDMI over your LAN/VLAN network with the Ocean Matrix OMX-HDMI-2-IP HDMI Over IP Converter/Extender. No longer is distance a limitation when sending HDMI. Converts HDMI to standard TCP/IP and transmits the signal over your local area network. The great advantage



of converting HDMI to TCP/IP is that you can now send HDMI over your entire network freeing you of the typical limitations found in send/receive point-to-point systems. The Ocean Matrix OMX-HDMI-2-IP delivers unparalleled performance in PRO-AV projection networks, digital signage systems and educational streaming applications. Now your network is your HDMI network!

**OMX-HDMI-2-IP • Reg. \$130.00 Your Price \$125.00**

## Ocean Matrix HDMI Over IP Extender/Receiver/Transmitter

- Supports Multiple Receivers (up to 8) from a Single HDMI Extender / Transmitter
- 36 Bit Deep Color Support
- May Also be Used as a Standard Point-to-Point (up to 120 meters) Transmit & Receive for On-Location Monitoring & Content Delivery
- Supports DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD Audio Formats
- Transmission Rate Supported: 10.2Gbps



**OMX-HDMI-2-IP-R • Receiver • Reg. \$79.95 Your Price \$72.95**

**OMX-HDMI-2-IP-T • Transmitter • Reg. \$85.00 Your Price \$77.95**

## Ocean Matrix 160 Foot 1080p HDMI Extender over Single Cat6 with Looping Out

The Ocean Matrix OMX-HDMI-CAT6 extends HDMI based high definition video/audio beyond the standard distances of HDMI cable and its inherent limitations. Consisting of a transmitter and a receiver, this system delivers full 1080P HDMI signal up to 160 feet over a single CAT6 network cable.



- Supports 1080p HDMI resolution
- Transmits over a single CAT6 up to 164 feet
- Local HDMI loop-out on transmitter
- IR signal transmission support
- Works with HDMI HDCP compliant devices

**OMX-HDMI-CAT6 • Reg. \$79.95 Your Price \$77.95**



## Kramer PT-572Plus HDMI HDCP 2.2 Compact Receiver



The Kramer PT-572+ is a DGKat™ twisted pair receiver for HDMI signals. The PT-571HDCP converts an HDMI signal to a single twisted pair signal and the PT-572+ converts the twisted pair signal back to an HDMI signal.



• Max. Data Rate - 4.95Gbps (1.65Gbps per graphic channel).

• HDCP Compliant • DGKat™ Signal Integration - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables • System Range - Up to 90m (295ft) at 1080i @60hz or up to 70m (230ft) at 1080p @ 60hz

**KR-PT-572-PLUS • Reg. \$295.00 Your Price \$236.00**

## Kramer PT-571 HDMI Over Twisted Pair Transmitter



The PT-571 is a twisted pair transmitter for HDMI signals. The PT-571 converts an HDMI signal to a single twisted pair signal and the PT-572 converts the twisted pair signal back to an HDMI signal. Max. Data Rate - 1.65Gbps. HDTV



Compatible. HDCP & HDMI 1.3 Compliant.

System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BC-DGKat723 cable.

**KR-PT571 • Reg. \$295.00 Your Price \$236.00**

## Kramer VM-3HDT 1:3plus 1 4K60 4:2:0 Long-Reach HDBaseT Distribution Amp



Kramer's VM-3HDT is a high-quality, long-reach 1:3 HDBaseT extender distributor that takes one HDMI input, with IR and RS-232 control signals, converts it to an HDBaseT extension line signal and distributes it to 3 HDBaseT outputs that connect to compatible HDBaseT receivers such as TP-580R. VM-3HDT distributes signals with resolutions of up to 4K@60Hz (4:2:0), and includes an HDMI LOOP output for connecting to an additional unit in a daisy chain. I-EDIDPro™ Kramer Intelligent EDID Processing™ - An intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for HDMI source and display systems.

**KR-VM-3HDT • Reg. \$1230.00 Your Price \$984.00**

## PureLink HCE III-P Rx HDBaseT to HDMI 2.0/4K/60 4:4:4/ HDCP 2.2/RS232/HDMI Input Receiver with PoE



The PureLink HCE III-P RX is an HDBaseT to HDMI 2.0, 4k/60 4:4:4, HDCP 2.2, RS-232, Audio Extraction & local HDMI input receiver with PoE. The 4K60 HDBaseT Receiver with PoE provides a perfect complimentary

PureLink™ solution for any brand of HDBaseT camera. Supplying true PoE, you can remotely power your HDBaseT camera up to 100 meters from the receiver. • 4K60 4:4:4 • Supplies true PoE

• Perfect receiver for any brand HDBaseT camera • Local input with auto switching • Supported HDMI Audio Formats: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

**PLK-HCEIII-PRX • Your Price \$469.99**

## Ocean Matrix 1x8 HDMI HDBaseT Extender Splitter Set

Looking for a simple solution to feed the same 1080p content across multiple HD Displays in your House of Worship or Digital Signage Application? Or possibly your task is getting the Projection System in the new Huddle Room up and running? Whatever the project, when you need to distribute a single HDMI source to up to 8 HDMI displays simultaneously, the Ocean Matrix OMX-HDMI-HDB1X8 CAT6 Splitter/Extender System is the right choice for the job!



The OMX-HDMI-HDB1X8 delivers a full 1080p 60Hz HDMI signal up to 394 feet over a single Cat6 network cable! This Video and Audio Splitter/Extender System incorporates HDBiT (High Definition Digital bit Transmission Technology) protocol that gives you high performance over long distances without the use of a converter.

**OMX-HDMI-HDB1X8 • Reg. \$899.95 Your Price \$799.95**

## Ocean Matrix 110 Feet 1080p HDMI POE Extender Kit

The Ocean Matrix OMX-HDMI-EPOE is a full 1080p HDMI extender featuring full EDID management and power over Ethernet (POE) for driving displays up to 100 feet with zero latency. The system's POE transmitter adds the convenient ability to send both AV signals and power to the receiver to the display end on a single cable. Designed for CAT6/6A/7 cabled systems and includes a transmitter and receiver set.



**OMX-HDMI-EPOE • Reg. \$79.95 Your Price \$69.95**

## Atlona AT-OME-EX-TX-WPC USB-C HDBaseT Transmitter

The Atlona AT-OME-EX-TX-WPC is an HDBaseT transmitter with USB-C input. It sends video up to 4K/30 4:4:4, plus embedded audio, control, and USB over distances up to 330 feet (100 meters). It features a US one-gang, wallplate form factor, and includes interchangeable black and white wallplates and faceplates. Part of the Omega™ Series of integration products for modern AV communications and collaboration, the OME-EX-TX-WPC is HDCP 2.2 compliant and extends RS-232 control signals.



**ATNO-OME-EXTXWPC • Your Price \$920.00**

## KanexPro 4K60Hz HDMI Cascading Extender Receiver over Cat6 - up to 10 HD displays

The KanexPro EXT-HDMICAS70MRX cascading HDMI extender receiver units, allows for HDMI signals to be transmitted up to 70 meters at 4K resolution using a Cat6/6a/7 network cable. • Supports transmission distance up to 230ft. (70m) • Cascade up to 10 additional receivers • Receiver units can individually manage display resolution and EDID • Supports HDR(YUV 4:4:4) • Supports UHD 4K (4K x 2K @ 60Hz) • IR bi-directional Pass through 20-60KHz (kits included)



**EXT-HDMICAS70MRX • Your Price \$129.95**



## Atlona AT-HDR-EX-70C-RX 4K HDR HDBaseT Receiver



The Atlona AT-HDR-EX-70C-RX is a HDBaseT™ to HDMI® receiver for 4K and high dynamic range (HDR) content. It supports extension of 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling plus HDR data, multi-channel audio, control signals, and power up to 130 ft. (40 m) or 1080p up to 230 ft. (70 m) over Category 6/6A cable. The HDR-EX-70C-RX is ideal for use with the AT-HDR-CAT-2, AT-HDR-CAT-4, and AT-HDR-CAT-8 distribution amplifiers for passing 4K HDR signals to a display. A compact enclosure and remote power supplied by the transmitter means the receiver can be conveniently mounted in furniture, behind a display, or above a projector.



The Atlona AT-HDR-EX-70C-RX is a HDBaseT™ to HDMI® receiver for 4K and high dynamic range (HDR) content. It supports extension of 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling plus HDR data, multi-channel audio, control signals, and power up to 130 ft. (40 m) or 1080p up to 230 ft. (70 m) over Category 6/6A cable. The HDR-EX-70C-RX is ideal for use with the AT-HDR-CAT-2, AT-HDR-CAT-4, and AT-HDR-CAT-8 distribution amplifiers for passing 4K HDR signals to a display. A compact enclosure and remote power supplied by the transmitter means the receiver can be conveniently mounted in furniture, behind a display, or above a projector.

ATNO-HDREX70CRX • Your Price \$480.00

## Atlona AT-OME-RX11 HDMI with Audio HDBaseT Extender



The Atlona AT-OME-RX11 is an HDBaseT receiver for video up to 4K/60 4:2:0, plus

embedded audio, control, and Ethernet over distances up to 330 feet (100 meters). Part of the OmegaT Series of integration products for modern AV communications and collaboration, the OME-RX11 is HDCP 2.2 compliant and receives RS-232 and IP control signals. Additionally, this receiver features two-channel audio de-embedding to a balanced analog audio output. The OME-RX11 is locally powered, and can deliver Power over Ethernet (PoE) over HDBaseT to an Atlona Omega Series, HDVS-200 Series, or AT-UHD-EX-100CE-TX-PD transmitter.

ATNO-AT-OME-RX11 • Your Price \$696.00

## Gefen EXT-UHDA-HBTL-RX 4K Ultra HD HDBaseT Receiver with Audio De-Embedder and POH



Gefen EXT-UHDA-HBTL-RX is a 4K Ultra HD HDBaseT™ receiver with audio de-embedder and POH. This audio receiver features bi-directional power over HDBaseT™ (POH) which provides power to the receiver or a compatible sender unit over the link cable - only one side will need external power. With a small, low-profile enclosure allows this to be surface mountable and can be hidden away. 4K Ultra HD (3840 x 2160 @ 30 Hz, 4:4:4), up to 130 feet/40 meters (8-bit color).

GEF-EXUHDAHBTLRX • Your Price \$310.00

## Atlona AT-HDR-CAT-4 Four-Output 4K HDR HDMI to HDBaseT Distribution Amplifier



Send a single 4K HDR source to four displays at distances up to 130' (40 m) for video distribution applications including hospitality and retail, commercial reception areas or warehouses, and educational AV systems that require multiple screens. Provides 4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling as well as HDR10, HLG, and Dolby Vision HDR formats for very high, pristine image quality. Designed for ease of integration in commercial applications with HDMI pass-through, audio de-embedding, EDID management, CEC display control, RS-232 and IR control extension, remote power for receivers, and HDBaseT link testing.



ATNO-AT-HDR-CAT4  
Your Price \$1947.00

## Atlona AT-AVA-EX70-2PS-KIT Avance 4K/UHD HDMI Transmitter and Receiver Kit

The Atlona AT-AVA-EX70-2PS-KIT is an Avance™ Series HDBaseT extender kit for transmitting 4K/UHD 60 Hz 4:2:0 video up to 130 feet (40 meters) or 1080p 60 Hz video up to 230 feet (70 meters). EDID filtering and clock stretching ensure video transmission integrity and stable connections. Integrated HDBaseT link test



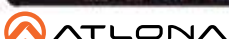
allows quick verification of cable, termination, and link quality. The AT-AVA-EX70-2PS-Kit is comprised of locally powered transmitter and receiver endpoints. Compact enclosures and included brackets allow the devices to be surface mounted in furniture or behind a display.



AT-AVAEX702PSKIT • Your Price \$433.00



## Atlona 4K/UHD HDMI Over HDBaseT Receiver with Control and PoE



The Atlona AT-UHD-EX-70C-RX is an HDBaseT receiver for AV signals up to 230

feet (70 meters) over category cable with RS-232 and IR control plus Power over Ethernet capability. It is compatible with video signals up to 4K/UHD @ 60Hz with embedded multi-channel audio and remote 48V Power over Ethernet. The AT-UHD-EX-70C-RX is HDCP 2.2 compliant and supports EDID communication. The receiver features a quarter rack width metal enclosure for easy installation with rear panel I/O ports for uncluttered wire management. Use with an optional AT-IR-CS-RX IR receiver cable to capture IR remote commands for AV system control.

ATNO-UHDEX70CRX • Your Price \$369.00

## Atlona UHD-EX-100CE 4K/UHD 100 Meter HDBaseT Extenders with Ethernet and Control



HDBaseT extension for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through, plus RS-232 and IR control. Designed to work with HDBaseT inputs on switchers and projectors, this extender transmits video signals up to 4K/UHD @ 60Hz with embedded multi-channel audio. Additionally, the transmitter extends Ethernet, RS-232, and 12 volt-based IR control.

ATNO-UHDEX100CET • Transmitter • \$530.00

ATNO-UHDEX100CER • Receiver • \$530.00

## Gefen EXT-UHDV-WP-HBTL-TX 4K Ultra HD Multi-Format 2x1 HDBaseT Wall-Plate Sender with POH

The Gefen EXT-UHDV-WP-HBTL-TX is a 4K Ultra HD multi-format 2x1 HDBaseT™ Wall-Plate sender with scaler, auto-switching, and POH. The multi-format extender allows you to extend HDMI, VGA, analog audio, RS-232, and Bi-Directional IR over a single CAT-5e cable. Bi-Directional Power over HDBaseT™ (POH) provides power to the Sender or a compatible Receiver unit over the link cable - only one side will need external power. Automatic or user switching of HDMI and VGA inputs. Built-in volume control with mute



GEF-EXUHDVWPBTL • Your Price \$503.00



**Blustream IP300UHD 4K 60Hz HDMI 2.0 KVM  
Video over IP with PoE over 1Gb Network**

**BLUSTREAM**

The Blustream IP300 series Multicast distribution platform allows virtually latency free (1 frame) distribution of 4K 60Hz 4:4:4 HDMI video over a 1Gb managed network. Full interoperability with the IP350UHD product line, the IP300UHD is an industry leading 4K HDCP 2.2 HDMI system that, using visually lossless compression technology, delivers 18Gbps HDMI, audio, bi-directional IR, RS-232 & USB/KVM up to lengths of 100m over standard copper network architecture, or greater distances using the in-built fiber SFP network interface. The IP300UHD-RX features a second RJ45 LAN port for daisy chaining the HDMI signal onto further IP300UHD-RX units. Units can be powered via PoE from the network switch.

**BLU-IP300UHD-TX • Transmitter • Your Price \$1200.00**
**BLU-IP300UHD-RX • Receiver • Your Price \$1200.00**
**Dante Audio Integration**
**BLU-IP350UHD-TX • Transmitter • Your Price \$1595.00**
**BLU-IP350UHD-RX • Receiver • Your Price \$1595.00**
**Blustream HDBaseT 3.0 4K 18Gbps Extender Kit**

**BLUSTREAM**

The Blustream HEX18G-KIT HDBaseT™ extender set is an industry leading uncompressed HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 solution utilizing the latest in HDBaseT™ technology. The HEX18G-KIT supports uncompressed distribution of the latest HDR resolutions including HDR10/10+ and Dolby Vision resulting in the ultimate in picture quality for your critical viewing areas.

- Supports uncompressed HDMI2.0 18Gbps specification including HDR
- Supports 4K 60Hz 4:4:4 UHD video • Supports HDMI video distribution up to 100m

**BLU-HEX18G-KIT • Your Price \$917.00**
**Blustream Advanced HDBaseT® 3.0 4K 18Gbps Extender Kit**

**BLUSTREAM**

- Advanced uncompressed, unconverted, HDMI over HDBaseT™ technology offering distribution of bit-for-bit 4K HDMI video and audio over a single CAT6A cable • Supports HDMI2.0 18Gbps specification including 4K 60Hz 4:4:4 UHD video • Supports HDMI video distribution up to 100m

**BLU-HEX18GARC-KT • Your Price \$1401.00**
**Blustream HDMI 2.0 In-line Controller**

**BLUSTREAM**

The Blustream HD11CTRL HDMI in-line controller is an automated room control solution including display on/off control via CEC, RS-232 and IR when a HDMI signal is sensed on the input. External relay inputs allow third-party triggers for integration with devices such as sensors or switches. The HD11CTRL will also help with HDMI compatibility, HDCP2.2, clock stretching, EDID and handshaking issues that can be common problems when distributing HDMI signals especially 4K.

The HD11CTRL supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4.

**BLU-HD11CTRL • Your Price \$412.00**
**Blustream IP200UHD 4K 30Hz HDMI 2.0  
KVM Video over IP with PoE over 1Gb Network**

**HOT!**

- Advanced UHD video over 1Gb Network • Virtually unlimited system size • Extends HDMI up to a distance of 100m over a single CAT cable • Video up-scaling and downscaling • Create up to 9x9 video wall • Supports all known HDMI audio formats including Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission • Advanced signal management for independent routing of IR, RS-232, USB/KVM, audio and video • PoE (Power over Ethernet) to power Blustream products from PoE switch • HDCP2.2 compliant with advanced EDID management

**BLU-IP200UHD-RX • Your Price \$938.00**
**Blustream IP50HD 1080p 60Hz HDMI KVM  
Video over IP with Poe over 100Mb Network**

**BLUSTREAM**

- A High Definition Video over IP Transmitter. Our Contractor HD Multicast distribution platform allows distribution of AV and control signals over a 100Mbps network. • Industry leading 1080p HDMI TX/RX that uses H.265 compression technology to deliver HDMI, Bi-directional IR, RS-232 & USB/KVM up to lengths of 100m over standard network architecture. • Features 1 x HDMI loop-out for integrating local displays or cascading to multiple devices • Supports PCM 2.0 channel audio and USB HID devices

**BLU-IP50HD-RX • Receiver • Your Price \$625.00**
**BLU-IP50HD-TX • Transmitter • Your Price \$625.00**
**Blustream EX40B-KIT Slimline  
HDMI Extender Set**

**BLUSTREAM**

- Extends HDMI up to distances of 40m over a single CAT cable (1080i up to 50m) • Supports video resolutions 480i-1080p\* • Supports Bi-directional IR from input and output locations • Supports LPCM 7.1ch, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission • Supports full 3D signal display • Supplied with Blustream IR receiver and emitter • Requires local power at both Transmitter and Receiver

**BLU-EX40B-KIT • Your Price \$309.00**
**Blustream Analog Audio Delay Processor with Volume Control**

The Blustream AD11AU is designed to help correct audio delays incurred when separating audio and video signals in an AV system.

- In-line 2ch analog audio delay with line-level volume control • Selectable audio delay from 50-1,000ms • 0-500ms in steps of 50ms • 500-1,000ms in step is of 100ms

**BLU-AD11AU • Your Price \$167.00**

**BLUSTREAM**
**Blustream Dante 2+2  
Bluetooth Wall Plate - Single Gang**

The Blustream DA11ABL-WP-US is a multi-input / output wall plate to convert Bluetooth and analog audio within a digital Dante networked audio system. The DA11ABL-WP converts 2 x input channels of Bluetooth, or unbalanced audio to Dante digital audio, and 2 x channels of Dante audio to 2 x output channels of unbalanced audio. Bluetooth 5.0 allows up to 2 devices to be connected with options for manual pairing or always available via the broadcast mode.

**BLU-DA11ABL-WP • Your Price \$900.00**

**BLUSTREAM**



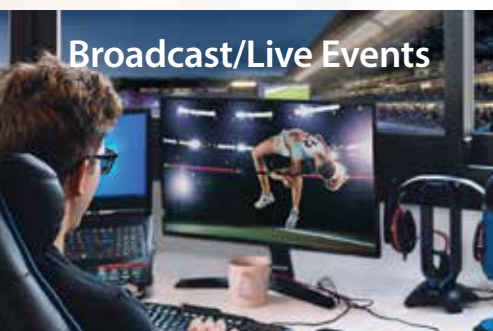

AV DISTRIBUTION WITHOUT COMPROMISE

Trusted in mission-critical projects world-wide, Blustream delivers a full range of A/V Distribution solutions.

- **Innovative Features**  
With application-specific solutions
- **Technology Leader**  
Including many first-to-market introductions
- **Maximum Reliability**  
With premium performance
- **In Stock**  
Greater than 97% in-stock rate



Advanced AV solutions for the markets important to your business:



Broadcast/Live Events



Houses of Worship



Education

Exceptional solutions in all categories:



**HD11CTRL**

HDMI® In-line Controller with IR, RS-232, CEC, Signal Sensing & 12V Trigger Outputs



**IP300UHD-TX & RX**

HDMI® 2.0 IP Multicast 4K 60Hz 4:4:4 over 1Gb



**AD11AU**

Analog Audio Delay Processor with Volume Control



**DA11ABLWP-TX-US**

Bluetooth and Analog Audio Dante® Wall Plate

See the full range of Blustream solutions at [www.blustream-us.com](http://www.blustream-us.com)





## AVPro Edge HDMI HDBaseT Single Gang Decora Wall Plate Extender Kit



This AVPro Edge AC-CXWP-HDMO basic HDBaseT wall plate transmitter/receiver kit is a cost effective HDMI extension product from AVPro Edge's ConferX line of products. Able to handle 4k at 10.2 Gbps, this single gang wall plate transmitter fits in any standard mud ring and works with standard category cable to deliver a stable signal long distances. This extender kit is able to

**AVPro edge**

send a 4k signal 40 Meters and a 1080p signal 70 meters using CAT6a with HDBaseT technology.

**APR-ACCXWPHDMOBK • Your Price \$879.00**

## AVPro Edge AC-EX70-444 Series HDBaseT Extenders Kit



The AC-EX70-444-RNE-P is a slim 70 meter HDMI via HDBaseT extender over single CAT-5e/6a/7 UTP/STP. The AVPro Edge ICT extender family is the most cost effective, state of the art and reliable single CAT HDBaseT extender on the market today and solves problems for both commercial and residential markets for distributing high bandwidth 18Gbps 4K UHD content from rack to display. This Rx comes with IR and RS-232 control options, and is powered from the matrix.

**AVPro edge**

• PoC (RX powered by Matrix)

• HDMI V2.0(a/b) supported & HDCP2.2 / 1.4 compliant.

• HDR Support • UHD support: 4Kx2K 30Hz or 4Kx2K 60Hz YUV 4:2:0

**AC-EX70-444-RNE • Receiver • Your Price \$729.00**

**AC-EX70-444-TNE • Transmitter • Your Price \$679.00**

## TRENDnet 1000BASE-T to SFP Fiber



TRENDnet TFC-GSFP compact fiber media converter transforms 1000BASE-T (Copper Gigabit) media to 1000BASE-SX/LX (Fiber) SFP media and vice versa. The 1000BASE-T RJ-45 port supports a full-duplex Gigabit connection at wire speed. The SFP slot supports both multimode (SX) or single-mode (LX) SFP modules. • Dual-Speed SFP

**TRENDnet**

Slot - Dual-speed SFP slot supports both 100 Mbps and 1000 Mbps SFP modules. • Power Adapter - Included

power adapter for standalone use. • Compact - Small and compact metal housing design provides greater installation flexibility.

**TNET-TFC-GSFP • Your Price \$41.99**

## Avenview HDMI/IR/RS-232/PoE over SingleCAT5e/6/7 Extender Set



The Avenview HBT-C6POE-SET HDBaseT Extender set CAT5/6/7 with POE, Bi-Directional IR, RS232 and Ethernet has been designed to extend High Definition video and multi-channel digital audio formats to any HD Monitor.

• Input-HDMI with 3D, 4k x 2k support, HDCP & DVI Compliant;

• Video Bandwidth- 300Mhz/9Gbps; • Transmission: HDCP repeater and CEC bypass supported

• Video Supported - uncompressed video of 36/30/24-bit Deep Color up to 1080p@60Hz;

• Audio supported - up to LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio;

**AVW-HBCT6POESET • Your Price \$649.00**

## Kramer VP-427X2 4K HDR HDBT Receiver / Scaler Tool

The Kramer VP-427X2 is a high-performance auto-switcher/scaler receiver with 2 HDBaseT inputs and a local HDMI input for 4K HDMI™ over extended-reach HDBaseT. It supports automatic and manual glitch-free switching between the 3 inputs, and up or down scaling to any resolution up to 4K@60Hz (4:4:4).

• Comprehensive Receiver/Scaler - Scales signals of all standard resolutions up to 4K@60Hz (4:4:4) for routing to the HDMI output. • Constant output sync prevents signal disruption when switching between inputs and when no video is detected.

• HDMI Signal Extension - HDCP 1.4 / 2.2. 4K60, CEC, xVCC color (on input).

**KR-VP-427X2 • Reg. \$1450.00 Your Price \$1160.00**



## Kramer TP-580R 4K60 4:2:0 HDMI HDCP 2.2 Receiver with RS-232 & IR over Long-Reach HDBaseT

Professional HDBaseT extender for providing long-reach signals over twisted-pair copper infrastructures. TP-580R is a standard extender that can be connected to any market-available HDBaseT-compliant extension product. For optimum extension reach and performance, use recommended Kramer cables.

HDMI 2.0 and HDCP 2.2 compliant. Supports deep color, x.v.Color, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D. EDID and CEC signals are passed through from the source to the display. Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound.

**KR-TP-580R • Reg. \$335.00 Your Price \$268.00**



## Kramer TP-789R 2-way PoE Receiver with RS-232 & IR over Long-Reach HDBaseT

Kramer TP-789R is a high-performance, long-reach HDBaseT receiver for 4K60Hz (4:2:0) HDMI, RS-232 and IR signals and two-way powering over twisted pair.

It extends video signals to up to 40m (130ft) over Kramer copper cables at up to 4K@60Hz (4:2:0) 24bpp video resolution and provides even further reach for lower HD video resolutions. This receiver either provides power over the copper extension cable to a POE (Power over Ethernet) acceptor device such as a PoE wall-plate, or accepts PoE through the extension cable from a PoE provider remote device, as auto-sensed by the receiver.

**KR-TP-789R • Reg. \$470.00 Your Price \$376.00**



## KanexPro 4K Compliant HDBaseT 100-Meter HDMI Extender w/ PoE Support

• Extend HDMI signals up to 330 ft. (100m) on single CAT6 cable

• Supports Power over Ethernet from Tx or Rx

• Infrared Signal Input/Output, embedded over extension

• Supports resolutions from 1080p/60@48bit

• 4K x 2K UHD resolutions

• High bandwidth up to 10.2 Gbps • HDCP and EDID compliant

• Enables 3D pass-through • Supports CEC pass-through

• Audio support: Dolby TrueHD & DTS Master Audio, 7.1 compliant

**KAN-EXTHD100MHBT • Reg. \$524.95 Your Price \$394.95**



**KanexPro**





## Muxlab 500800-RX KVM HDMI over IP PoE Receiver/ Transmitter

The KVM HDMI over IP PoE Extender, 4K@60 allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K @ 60Hz (4:4:4) via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations. The Transmitter (500800-TX) and Receiver (500800-RX) support PoE (PD) if used with a PoE (PSE) Ethernet Switch. The Transmitter terminates to a computer server/workstation via an HDMI & USB port, The Receiver terminates to an HDMI display and up to 4 USB devices such as a keyboard, mouse, printer, drawing pad, storage device, camera, etc., via a 4 port USB hub



**MUX-500800-RX** • Receiver..... **Your Price \$849.00**

**MUX-500800-TX** • Transmitter..... **Your Price \$849.00**



## Muxlab UHD-4K KVM HDMI over IP PoE Extender

The KVM HDMI over IP PoE Extender, UHD-4K allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K @ 30Hz (4:4:4) and 4K @ 60Hz (4:2:0) via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations. The Transmitter (500772-TX) and Receiver (500772-RX) support PoE (PD) if used with a PoE (PSE) Ethernet Switch. The Transmitter terminates to a computer server/workstation via an HDMI & USB port, The Receiver terminates to an HDMI display and up to 4 USB devices such as a keyboard, mouse, printer, drawing pad, storage device, camera, etc., via a 4 port USB hub. A single Receiver can be switched via hotkey sequences to any Transmitter on the network, allowing a single operator to manage numerous servers/workstations, in a distributed KVM application



**MUX-500772-RX** • Receiver..... **Your Price \$488.00**

**MUX-500772-TX** • Transmitter..... **Your Price \$488.00**



## Muxlab HDMI 2.0/ST2110 over IP Uncompressed Transmitter - MM Fiber

The MuxLab 500774-RX-MM HDMI 2.0/ST2110 over IP Uncompressed Gateway Converter allows lower cost HDMI 2.0 equipment to be utilized in a broadcast environment and extended up to 1300ft (400m) via duplex multimode OM4 fiber with LC connectors, at



up to 4K resolution @ 60Hz uncompressed, in a point-to-point configuration. Point-to-multipoint and multipoint-to-multipoint configurations are also possible by connecting several units to a 10G Ethernet network. The unit provides a 1G Ethernet Switch port to connect additional network devices, and an RS232 port for remote control of end devices.

**MUX-500774-TX-MM** • Reg. \$2199.00 **Your Price \$1759.00**



## Muxlab 50 4K60 HDMI 2.0/3G-SDI Test Signal Generator/Signal Analyzer

The Muxlab 500830/500831 generate SD/HD/3G SDI and HDMI 2.0 test patterns in a full range of resolutions up to 4K@ 60Hz (4:4:4). The HDMI test signal generator assists users in validating the capabilities and proper operation of their sink devices.



The user may select from various test pattern, resolutions, refresh rates, color spaces and other related parameters.

**MUX-500830** • Test Signal Generator..... **Your Price \$1554.00**

**MUX-500831** • Signal Analyzer..... **Your Price \$1554.00**

## Ocean Matrix HDBaseT 4K HDMI Extender Sets

For a cost effective 4K HDMI over HDBaseT extension system that doesn't compromise on quality, specify the Ocean Matrix 01HMHM0001 in your next digital signage project. It handles 4K@30Hz signal transmission up to 130 feet and passes 1080p HD signals up to 230 feet both by way of a single Ethernet CAT5e/CAT6 cable.

OMX-01HMHM0001



The Ocean Matrix 01HMBT0001 4K HDMI 2.0 HDBaseT 2.0 extender and converter is the perfect solution for networked AV systems at a campus, corporate facility or as part of any digital signage system. The 01HMBT0001 supports 4K HDMI over CAT5e/6/7 cable runs up to 328 feet from an Ethernet switch. With the capability of carrying resolutions up to 4K2K@50/60Hz(4:4:4), it delivers the highest quality video across any facility.

**OMX-01HMHM0001** • Two-Way IR, RS232, CEC Pass Through, PoC • **\$239.95**

**OMX-01HMHM0002** • Two-Way IR, RS232, Two-Way PoH • **\$266.95**

## Ocean Matrix HDBaseT 4K HDMI Extender Set with Two-Way IR - RS232 - PoC



The Ocean Matrix 01HMBL0001 extends uncompressed HDMI signals via HDBaseT over ethernet cables up to 230 feet. The system takes advantage of simple plug and play functionality while supporting resolutions at 4K2K@60Hz(4:2:0), 4K2K@30Hz, 1080P@120Hz and 1080P 3D@60Hz. It also Supports up to 7.1 channels of High Definition audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio).



The system delivers bidirectional PoC (power over Cable) flexibility reducing the need for additional power runs to either the transmitter or receiver.

**OMX-01HMBL0001** • Reg. \$249.95 **Your Price \$229.00**

## Ocean Matrix HDBaseT 4K HDMI 1-Gang Wall Plate Transmitter with Two-Way IR - RS232 - PoC

The Ocean Matrix OMX-01HMBT0003-T 1-Gang Wall Plate Transmitter meets HDBaseT standards for 4K video and HD audio transmission over a single Ethernet CAT6/6A/7 cable up to 131 feet. Supporting video resolutions up to 4K2K@50/60Hz(4:4:4), HDMI audio and optical audio formats, this transmitter features two-way IR & RS232 signals, and two-way 24V PoC.



**OMX-01HMBT0003-T** • Reg. \$149.95 **Your Price \$129.95**

## Ocean Matrix HDBaseT 4K HDMI USB KVM Receiver with Two-Way IR - RS232 - CEC - PoC

The Ocean Matrix OMX-01HMBT0003-R 4K HDMI USB KVM Receiver meets HDBaseT standards for 4K video and HD audio transmission over a single Ethernet CAT6/6A cable up to 131 feet. Supporting video resolutions up to 4K2K@60Hz(4:4:4), this extender features two-way IR, RS232 control, and two-way 24V PoC making system installation easier and allowing for streamlined setups.



**OMX-01HMBT0003-R** • Reg. \$149.95 **Your Price \$129.95**



### AJA HDR Image Analyzer 12G - HDR Waveform / Histogram and Vectorscope Monitoring



The AJA HDR Image Analyzer 12G HDR Image Analyzer 12G delivers a comprehensive array of tools for the effective analysis of the latest 4K/UltraHD HDR standards, over a single cable with 12G-SDI, - including HLG, PQ, Rec.2020 and Rec.709 - from 4K/UltraHD/2K/HD content in a convenient real time 1RU device. Specifically designed to be used wherever needed, the 1RU form factor fits into a range of environments, providing the confidence you need for consistent and predictable HDR production and mastering. Camera Support: ARRI®, Canon®, Panasonic®, RED®, Sony® • Color Gamuts: BT.2020, BT.709 • Dynamic Range Inputs: SDR (REC 709), PQ (ST 2084), HLG

**AJA-HDR-IA-12G • Your Price \$21599.00**

### AJA FS-HDR Real-time HDR/WCG Conversion with Color-front Engine Video Processing



- HDR to HDR, SDR to HDR and HDR to SDR conversions for Dynamic Range and Wide Color Gamut needs.
- A 1RU frame offering space, power and cost efficiencies ideal for broadcast trucks, post production or broadcast settings
- Audio I/O processing with a 272x208 matrix of audio possibilities; support for a flexible range of audio feeds from discrete AES to MAD1 and embedded SDI audio, with each audio input offering sample-rate conversion
- Simple operation, a redesigned menu structure and quick access to features via front panel buttons, as well as a web-based UI offering control over a LAN or across the web

**AJA-FS-HDR • Your Price \$9569.00**

### AJA OG-FS-MINI openGear 3G-SDI Frame Synchronizer with DashBoard Support



AJA OG-FS-Mini is an openGear 3G-SDI Frame Synchronizer with DashBoard Support that packs the production-proven reliability of AJA's leading FS frame sync technology into an openGear card, supporting frame synchronization of untimed 3G-SDI, HD, & SD video signals at an affordable price. OG-FS-Mini allows users to synchronize and convert a wide range of video formats to their house standard with a 3G-SDI input & output, HDMI output, and two 3-pin terminal block connectors for balanced analog audio outputs. The OG-FS-Mini also provides high quality up, down, cross-conversion.

**AJA-OG-FS-MINI • Your Price \$879.00**

### Burst Pixie-FS Frame Store TBC



- Full Frame TBC • Adaptive Comb Filter Decoding
- Input Anti-aliasing Filters • Multi-standard NTSC/PAL
- Instant Recall of Factory Preset Levels • RS-232 Status and Control
- Composite or S-Video • Genlock (High-Z or 75 Ohms)

**BURST-PXFS • Reg. \$825.00 Your Price \$750.75**

### AJA FS4 4-Channel 2K/HD/SD or 1-Channel 4K/UltraHD Frame Synchronizer and Up/Down Cross-Converter



FS4 is a 4-Channel 2K/HD/SD or 1-Channel 4K/UltraHD frame synchronizer and up, down, cross-Converter. AJA's flagship frame synchronizer and converter offers incredible versatility and connectivity in a sleek 1RU frame for all your 4K/UltraHD and 2K/HD/SD conversion needs. Offering a wide range of connection options for both video and audio, FS4 can do the work of four separate devices in 2K/HD/SD or combine all processors and channels together for maximum flexibility for 4K/UltraHD productivity.

**AJA-FS4 • Your Price \$6269.00**

### AJA FS-MINI Portable Mini-Converter

Supporting Frame Sync of Untimed 3G-SDI - HD - and SD Video Signals

- Utility frame sync function, times input signals to an external reference
- Supports bi-level and tri-level references
- High quality 10-bit video processing
- Low latency processing, nominal video delay of 1 frame
- Freeze (on input signal loss) to black or last good frame
- Supports 1080p, 1080i, 720p, 625i, 525i and SDI input signals
- Simultaneous SDI and HDMI outputs
- 16-channel embedded SDI audio I/O
- 8-channel HDMI output audio



**AJA-FS-MINI • Your Price \$879.00**

### Imagine Selenio X100-1RU-2P Intelligent Dual-Channel Frame Synchronizer



Imagine X100-1RU-2PS is a 1RU dual channel intelligent frame sync and converter with advanced audio processing. The powerful, energy efficient X100-1RU-2PS is perfect for mobile rigs, production trucks, and production studios featuring a wide array of analog and digital real time baseband video and audio processing capabilities supporting SD and HD formats. It has a built in 3 Gb/s 1080p level and A level B-DL processor and web server to easily integrate into your workflow. The X100 provides two 16 channel SDI de-embedders, 16 AES input or output ports, 8 channel input and output analog audio interfaces and a 32 channel internal audio processor.



**X100-1RU-2PS • Your Price \$6400.00**

### LYNX Technik GMPC 2CUPXD US greenMachine callisto+

Dual 3G-SDI UPXD Converter - Frame Synchronizer and Audio Processor

The greenMachine 2CUPXD is a broadcast-quality video processing unit that has a dual-channel up/down/cross converter with frame synchronizer supporting formats up to 3G-SDI (1920 x 1080) per channel. It includes full audio processing capabilities, scalars for the spatial conversion of the video signals including a versatile region of interest (ROI) selection and high performance deinterlacers on the two processing channels. A greenMachine callisto+ with the 2CUPXD constellation deployed also provides four processing channels with independent audio embedder & de-embedder, audio processing, Dolby E® decoding, color correction and many more features.



**LYNX Technik AG®**

**LNX-GMPC2CUPXDUS • Reg. \$6238.00 Your Price \$5926.10**





# Color. Simplified.

AJA provides high-precision color workflow solutions featuring innovative, quality products with a world-class support team.

New for 2023 are updates for BBC HLG LUTs to v1.6, SONY Venice and ARRI Alex 35 Log support for the latest cameras, updates for Colorfront transforms in ColorBox, our award winning modern LUT box, and in the FS-HDR, a rack mounted color conversion and frame sync powerhouse. ColorBox v2.0 also adds a new Overlay .png library for graphics, frame line guides and more.

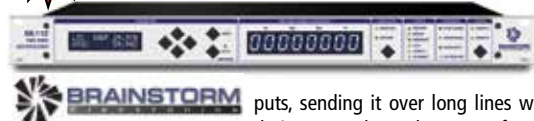
Complete your color solution with the AJA HDR Image Analyzer to ensure a consistent and accurate color pipeline from start to finish, production to post. AJA knows color.







## Brainstorm Distripalyzer with Time Code Generator & Serial Port Preinstalled



The SR-112 reshapes and distributes timecode through its 12 outputs, sending it over long lines with no signal degradation. It analyzes the source for quick diagnostic and generates or repairs timecode, locked to video if required. The industry standard SR-112 is designed to distribute time code through its 12 buffered outputs while analyzing it. The reshapers sends clean time code, even over long cables, making it ideal for live environments. The front panel includes a large 8 digit reader and an LCD display showing the units status and reporting errors as they are detected. All modern SMPTE and EBU SD/HD rates are supported.

**SR-112-SR-TCG-SP • Your Price \$2485.00**

## Brainstorm SR-112 Time Code Distripalyzer Time Code Reshaped & Distributed



The Brainstorm SR-112 Distripalyzer will instantly identify time code problems, and with the optional time code generator, fix them supporting all modern SMPTE and EBU SD/HD rates are supported. The industry standard Brainstorm SR-112 Distripalyzer is designed to reshape and distribute time code through its 12 buffered outputs while analyzing it. The reshapers sends clean time code, even over long cables, making it ideal for live environments. The front panel includes a large 8 digit reader and an LCD display showing the units status and reporting errors as they are detected.

**BRAIN-SR-112 • Your Price \$1855.00**

## Plura ELC Ethernet to LTC Converter



ELC serves as an LTC generator with two output stages. The data content within the LTC time code is either fed from an NTP server or an MTDoe master device. Both LTC output signals are phase locked to UTC time which is available as well in NTP mode as in MTDoe mode. Time addresses as well as user data (binary groups) of the LTC can be independently configured and generated.

- PoE power supply. • Connectors: 1 x RJ45 for Ethernet/PoE, 2 x RJ45 for LTC outputs.

**plura**

- Set-up and firmware update possible via the "UD SC Config" program. • Set-up and status display possible via the integrated Ethernet server.
- All settings will be stored at a non-volatile memory, so the latest set-up will not get lost if ELC was powered off.

**PLUR-ELC • Reg. \$827.00 Your Price \$744.30**

## Ambient Recording ACN-CL LOCKIT Timecode Synchronizer for Camera & Audio Recorders

Being a Lockit at its core, the Ambient ACN-CL carries the DNA of its predecessors and inherits all the unique and appreciated features, combined with the unprecedented ease of use that has been first introduced with the NanoLockit.

The supplied NP-50 type battery is not only widely available along with economically priced chargers but also used by top tier professional radio mic brands which further helps reducing the variety of gear to carry along.

**AMB-ACN-CL • Your Price \$660.00**



## Digital Forecast Bridge X-TS Mini Troubleshooter Multi Platform A/V Signal Converter

Easily viewable the Bridge X-TS Mini features a 5 inch LCD touchscreen (800 x 480) and is a super portable SDI/HDMI cross converter with measurement functions fully supporting up to 1080p60 for SDI (SD/HD/3G) and HDMI (SD/HD/Full HD). The Bridge X-TS Mini supports full SDI to HDMI and HDMI to SDI cross conversion with all standard formats supported. The Bridge X-TS Mini has all the features you need, an 8 type Test Pattern Generator with Static/Pathological, Moving box and more. Test pattern generation and measurement can even be done at the same time! There's SDI and HDMI integrity check, eye pattern diagram on the SDI input, and 8 Channel Audio level monitoring with an earphone output.



**DF-X-TS-MINI • Reg. \$829.00 Your Price \$788.00**

## Digital Forecast Bridge X-TS PACK V3 Video and Audio Troubleshooter and Cross Converter Hard Case Bundle

The Digital Forecast X\_TS Pack V3 is a Compact Multi-Platform Signal Converter with Measurement and Test Pattern Generation. The X\_TS can be effectively used in installation and maintenance of video and audio signals. The X\_TS is a handy but powerful series that enables you to conveniently check a variety of signals through a built-in 5 inch LCD touch screen. You can choose from video display, SDI jitter and Cable conditions.

- Digital to Audio / Audio to Digital Converter • Up/Down/Cross/Scan converter
- Standard Video / Audio signal supported (SDI, HDMI, CVBS, COMPONENT, VGA, DVI, Analog Audio, AES / EBU)
- Analog Audio Mux / DeMux • Jitter Measurement for SDI signal (720p, 1080i, 1080p)

**DF-X-TS-PACK-V3 • Reg. \$1499.00 Your Price \$1424.00**



## Murideo 8K Fox & Hound Testing and Troubleshooting Kit

Prevent truck rolls with this 8K 40Gbps generator and analyzer testing kit, built as the ideal testing unit for all custom and commercial integrators. These tools confirm correct bandwidth, HDCP, resolution, timing, HDR metadata and many more variables that can cause system hiccups if not treated correctly. This kit comes with a 40Gbps generator and a 40Gbps Analyzer, both in one nice carrying case.



**MUR-MU-FXHDKIT8K • Your Price \$2495.00**

## ESE ES-943U Universal Time Code Reader 6 Digit - 4 Inch Red LED Display

The ES-943U is a Time Code display featuring 4.0" bright red LED displays. The unit is housed in a black-textured aluminum wall-mount enclosure (7" H x 26" W x 3.5" D). The unit accepts, via the rear-mounted terminal block, either ESE Time Code (TC76T, TC89T, or TC90T) or SMPTE/EBU Time Code. RS-232C ASCII Time Code (format "0", "1" or "A" at 9600 baud) may be input via the rear-mounted 9-pin connector. The ES-943U will automatically determine which code is being received. .



**ES-943U • Your Price \$831.49**



## Leader LV5600 Waveform Monitor - Mainframe Only



# Leader

**Please note!** Each unit must be configured with at least one of the following options: SER01, SER02, SER05, SER06. See our website for complete details.

**LR-LV5600 • Reg. \$10310.00 Your Price \$9794.50**

The Leader LV5600 is a hybrid-type waveform monitor and rasterizer compatible with 4K/HD/SD-SDI signal and HD/SD IP signal. The LV5600 is a waveform monitor with a 7-inch touch screen display in a compact 3 U enclosure with built-in AC power supply. Selection of necessary input signals and functions from various options, and customization to the specification that fits your purpose are possible.

## Leader LV5350 Waveform Monitor with SDI Inputs (2) LV5350



# Leader

LV5300/LV5350 adopt a 7-inch full HD panel with a touch panel function.

**LR-LV5350 • Reg. \$7960.00 Your Price \$7562.00**

The Leader LV5350 waveform monitor offers a 7-inch HD screen display in a compact 3 x 1/2 RU package that can operate on AC or DC. Waveform, vector and picture with 4K 12G-SDI and audio options. Easy menu operation with touch screen, mouse, and front panel button controls. With the front panel equipped with key buttons and knobs that follow the operability of conventional models, operation with a USB mouse is also possible. In addition, the



**LYNX Technik AG®**

## LYNX Technik PTG 1802 Testor Lite 3G SD/HD/3G Test Pattern Generator

The LYNX TechnikTestor | lite 3G PTG 1802 is a compact SDI video and audio test generator designed to address a multitude of test and verification needs in modern digital infrastructures. The large color touch-screen provides a simple, intuitive user interface and the integrated rechargeable battery will provide for up to 4 hours of continuous use. External power / charge is provided via the USB port. Note: USB port is also used for firmware updates. When connected to a standard USB 2.0 port the Testor | lite 3G will draw 500mA (max) to charge battery.

**LNX-PTG-1802 • Reg. \$1200.00 Your Price \$1140.00**

## Thor F-SDI-PG Portable SD/HD/3G-SDI Pattern Generator

The Thor Fiber H-SDI-PG is a SD/HD 3G SDI signal generator that sends standard color bar and moving ring test patterns in SD/HD/3G-SDI format at the 2970Mb/s, 1485Mb/s or 270Mb/s speed rate, also, the sine wave audio signal is embedded. H-SDI-PG is designed as packet, portable instrument, and can be widely used for field TV broadcast, high definition video conference and high definition video surveillance applications.

- Supports 2970Mb/s, 1485Mb/s and 270Mb/s color bar pattern with moving circle and embedded 1 KHz audio.
- Comply with SMPTE-424M 3G-SDI, SMPTE-292M HD-SDI and SMPTE-259M SD-SDI standard, supports 2970Mb/s, 1485Mb/s and 270Mb/s

**THR-H-SDI-PG • Reg. \$442.80 Your Price \$369.00**



# THOR

## Phabrix PHSXE SxS 3G-SDI HD-SDI and SD-SDI Portable Eye Pattern & Jitter Analyzer

With advanced SDI physical layer analysis (Eye & Jitter), the SxE is ideal for applications such as video technology manufacturing and live production.

The instant, RTE™ (Real-Time Eye) technology speeds physical layer testing, and delivers automated measurements and logging for key parameters such as: rise time, fall time, delta, overshoot, undershoot and cable length. The Jitter analysis instrument enables an engineer to quickly analyze the nature of jitter present using a graph of jitter versus time.

The SxE also now offers automatic link detection of single links of multi-link 3G and HD based UHD formats.

**PHABRIX-SXE • Reg. \$7950.00 Your Price \$7552.50**



**PHABRIX**

## Phabrix SxAES Portable Audio/Video Test Signal Generator

Portable 3G/HD/SD Generation, Analysis & Video/Audio Monitoring. It offers all of the same capabilities as the SxE, without the advanced Real-Time SDI physical layer analysis (eye and jitter instruments). There's support for SMPTE compliance testing with over 350 different formats. An extensive array of video and audio tools includes a signal generator with moving test patterns, a high performance waveform, and ANC/VANC inspector. The SxA also offers 16 channel audio generation and metering with support for Dolby® E, Dolby® Digital and Dolby® Digital metadata and bitstream analysis.

**PHABRIX-SXA • Your Price \$3781.53**



**PHABRIX**

## Phabrix TAG C SD/HD Multi-Format Analyzer Portable with PHSXO-GEN Generator Software

Product consists of PHABRIX-TAG and PHSXT-GEN

The PHSXT GEN option allows the creation of video test signals for analogue composite video, SD-SDI and HD-SDI video as standard. 3G-SDI and 2K SDI can be purchased as an additional option. The Generator option also allows the generation of both analogue and digital audio test tones and allows the unit to be locked to an external locking reference.

The PHABRIX-TAG has been developed within the same rugged form factor as the Sx range and in addition to SDI and AES generation and analysis brings composite I/O with additional functions activated by purchasing the appropriate option. Includes PHSXO-VNC software option

**PHABRIX-TAG-C • Your Price \$4484.79**



**PHABRIX**

## Gefen ToolBox HD Pattern Signal Generator

The GefenToolbox HD Pattern Signal Generator is the most advanced testing device for your audio and video equipment: 39 built-in timings, 41 patterns, and 4 data analysis patterns that provide over a thousand testing combinations for both analog and digital devices. The front panel LCD screen provides easy viewing of functions and features for each timing / pattern. This device can be conveniently controlled via the front panel buttons, the IR remote, or the downloadable software from the Gefen Web site. In addition to its portability, this signal generator is wall-mountable and field-Upgradeable.

**GTB-HD-SIGGEN • Reg. \$1393.35 Your Price \$975.00**



**BEYOND**



**Blackmagic Mini Converters**

Mini Converter SDI to Audio 4K includes everything you need to de-embed 4 channels of analog audio or 8 channels of AES/EBU digital audio from any SDI video connection. Now you can access the audio in any SDI video connection for output to a massive range of audio equipment such as audio mixers, analog broadcast decks, audio monitors and more!

**BMD-CONVMCSAUD4K** • SDI to Audio 4K - De-Embedder • **Your Price \$325.00**

**BMD-CONVMCAUDS4K** • Audio to SDI 4K - Embedder • **Your Price \$325.00**

The Blackmagic Design CONVMCAUDS includes everything you need to embed 4 channels of analog audio, or 8 channels of AES/EBU digital audio into any SDI video connection. Embed audio from devices such as audio mixers and analog decks into SDI video connections for use with SDI routers and decks or to add extra audio channels to video converters!

**BMD-CONVMCAUDS2** • SDI Audio Embedder • **Your Price \$219.00**

**BMD-CONVMCSAUD** • SDI Audio De-Embedder • **Your Price \$215.00**

**Blackmagic Mini Converter SDI to Analog with Audio**

The Black Magic BMD-CONVMASA is the perfect way to convert from SD and HD SDI to analog component, s video or NTSC/PAL composite. The unit converts SDI to analog and supports all SD and HD input formats up to 1080p30. It also includes a down converter for when you need to step down from HD to standard definition analog formats such as s video and composite.

Audio can be de-embedded to balanced analog or AES/EBU. The Mini Converter SDI to Analog is ideal for converting to older analog equipment when you don't need the extra cost of the 6G SDI 4K model.

Blackmagicdesign

**BMD-CONVMASA** • **Your Price \$215.00**

**Blackmagic Design Teranex Mini - Audio to SDI 12G**

With the Blackmagic Teranex Mini Audio to SDI 12G you can embed up to 2 channels of audio from balanced analog, optical or HiFi RCA, or embed up to or 4 channels of AES/EBU digital audio into any SD, HD, Ultra

Blackmagicdesign

- HD or DCI 4K SDI video connection!
- SDI Video Inputs: 1 x 12G-SDI SD/HD/2K/4K auto switching.

- SDI Video Outputs: 1 x 12G-SDI output.

- Analog Audio Inputs: 2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode input.

- Automatic switching between SD/HD/2K and 4K

**BMDCTMCBAUSDI** • **Your Price \$545.00**

**AV Toolbox AP-536 HDMI Audio Extractor**

AP-536 HDMI Audio Extractor The AP-536 is a compact device that allows you to extract embedded audio from an HDMI signal.

- Compliant with HDMI 1.3, HDCP 1.2 and DVI 1.0
- HDMI Sample rates to 192kHz
- Audio Sample Rates to 48kHz

- 225 MHz Clock Rate • Supports High Bitrate Audio

**AVT-AP-536** • **Your Price \$74.95**

**Sescom HDMI Audio Embedder & Extractor - Supports 4K 60Hz 4:4:4**

**SES-AX1001**

The Sescom SES-AX1001 is a simple solution for extracting or embedding stereo analog or multi-channel surround external audio to or from your HDMI signal. The Sescom HDMI audio inserter & extractor finds a home in lecture centers, digital signage advertising applications as well as smaller multicamera live production shoots where a single audio feed makes more sense than individual camera audio.

- Supports audio embedding and extracting • SPDIF 5.1 and Analog Audio PCM 2.0 Outputs
- 2 DIP Switches for audio embedding or extraction configuration • Audio Uncompressed PCM, Dolby, DTS Supported • Supports Resolutions up to 4K2K 60Hz • Bandwidth: up to 18Gbps • Compliance: HDCP 2.2 / 1.4 • CEC Supported

**SES-AX1001** • Reg. \$122.95 **Your Price \$99.95**

**Sescom HDMI 4K@60Hz YUV 4:4:4 Audio Extractor with EDID**

The Sescom SES-AE1001 is a low cost 4K HDMI 2.0 audio extractor allowing you to extract the digital HDMI audio signal from HDMI inputs and break it out to analog 2-Channel RCA stereo audio output or SPDIF 5.1 channel audio out. It supports video resolutions up to 4K@60Hz YCbCr 4:4:4 as well as PCM and Dolby DTS audio formats.

- 3 Audio EDID Settings: Bypass/2.0 CH/5.1CH
- S/PDIF TOSLINK Interface • HDCP 2.2/1.4 Compliant
- Black Powder-Coated Aluminum Cabinet • FCC, CE Certified

**SES-AE1001** • Reg. \$79.95 **Your Price \$72.95**



**SES-AX1001**

**Sescom UHD 4K/2K HDMI Audio Inserter & HDMI Extender**

- HDMI, HDCP 1.2 and DVI 1.0 compliant
- HDMI audio sampling rates: up to 192kHz
- Optical (Toslink) digital audio sampling rates: up to 192kHz
- HDMI supports high-bit-rate (HBR) audio
- DVI conversion with HDMI to DVI adaptor
- CEC bypass function
- L/R Audio Format Analog Stereo 2CH
- Supports 4K@30 and 4K@60 (4:2:0) and 3D signals

**SES-AUD-N-HDMI4K** • Reg. \$149.95 **Your Price \$139.95**



**SES-AUD-N-HDMI4K**

**LYNX Technik PDM 1383****Yellobrik Analog Audio Embedder / De-embedder**

The LYNX Technik PDM 1383 is a versatile analog audio embedder and de-embedder designed for a wide range of SDI video formats up to 3Gbit. Analog audio I/O is connected using a 25 pin SubD connector. (screw terminal adapter provided).

Audio groups are selected using the rotary switches, and it's possible to embed and de-embed additional audio groups by cascading modules together. Simultaneous embedding and de-embedding means the module will de-embed and output the audio from the selected audio group before overwriting with new audio (if required).

The "auto black" mode uses a black video frame if no SDI input is present. This allows the module to embed audio even when no video source is available. This mode is useful if the module is being used in an "audio only" application.

**LNK-PDM-1383** • Reg. \$932.00 **Your Price \$885.40**



**LYNXTechnik AG®**



## Cobalt BBG-DE-AA 3G/HD/SD Analog Audio De-Embedder



BlueBox offers excellent performance, and excels to a new level of ease of use and installation practicality. The Cobalt BBG-DE-AA BlueBox 3G/HD/SD Analog Audio De-Embedder provides de-embedding to professional balanced audio at 0 dBFS to pro 24 dBu levels using full 24-bit conversion.

- Balanced audio de-embed with full 0 dBFS to 24 dBu 24-bit conversion.

- Small rugged portable standalone package ideal for portable installations.
- Compact size and low weight design easily affixes directly to host device chassis.
- Optional BBG-MB mounting bracket provides rigid, secure mounting to mounting surfaces.

CB-BBG-DE-AA • Reg. \$875.00 **Your Price \$874.94**

## Ocean Matrix Audio Extractor/De-Embedder 4K HDMI to HDMI with Dolby ATMOS



- HDMI Audio to Multi-Channel S/PDIF Optical, L/R Analog Audio 2 CH
- HDMI 10-bit HDR Pass Through
- HDMI High Bit Rate (HBR) Audio Pass Through • Bit Stream Audio Switching
- Optical Audio Supports LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- Video Resolutions up to 4K2K@50/60Hz YUV4:4:4



- LED Indicator for HDMI Signal Detection

- Rugged Metal Enclosure

OMX-05HMHM0001 • Reg. \$71.49 **Your Price \$64.49**

## KanexPro HAECOAX4 HDMI 2.0 Audio Embedder



The Kramer FC-46H2 is a professional HDMI audio de-embedder for HDMI signals up to 4K@60Hz (4:4:4) resolution. The unit de-embeds the audio signal from the HDMI input or from the HDMI output ARC (Audio Return Channel) and simultaneously outputs it to the S/PDIFr and 5-pin balanced audio outputs.

- Professional HDMI Audio De-embedder - De-embeds the audio from HDMI signals with resolution up to 4K@60Hz (4:4:4) and data rate up to 18Gbps (6Gbps per graphic channel), supporting HDR and HDCP 2.2/1.4
- Flexible De-embedding - De-embed the audio from the HDMI input or from the HDMI output ARC (Audio Return Channel)

KAN-HAECOAX4 • **Your Price \$136.45**

## AJA AES Embedders/Disembedders



The AJA 3G-AMA is a 4-channel analog audio embedder/disembedder with support for 3G-SDI input and output up to 1080p 60.

- 3G-SDI embedder/disembedder
- 4-channel balanced analog audio I/O
- Supplied XLR breakout cable
- USB connectivity via AJA Mini-Config software
- Dipswitch configuration



- +5-20VDC Power

AJA-3G-AMA • **Your Price \$999.00**

## Sonifex 10 Dante to SDI Embedder/De-Embedder

- 1 x relocked 3G/HD/SD-SDI output.
- Dual redundant Primary and Secondary Dante network ports using Neutrik EtherCon® Ethernet connectors.
- Powered via PoE (Power over Ethernet) with PoE dual redundancy.
- Fully Dante compliant device.
- Dante Domain Manager compliant.
- Web interface for configuration. • AES67 compatible.
- Clock, SDI Lock, PoE and Sync LEDs. • DIPswitch selection of embed channel pairs.



**SONIFEX**

SON-AVN-DIO10 • **Your Price \$2013.09**

## Cobalt Digital 3G/HD/SD-SDI 16 Ch Analog Audio Embed/De-Embed openGear Card

The all-new Cobalt® 9933-EM-DE-ADDA 3G/HD/SD-SDI 16-Channel AES / 8-Channel Analog Audio Embedder / De-Embedder offers full-flexibility AES and analog audio embedding/de-embedding in a basic, economical, high-efficiency openGear® card.



**COBALT**

- 16-channel AES support and 8-channel analog audio support in one card. Individual per-pair embedding or de-embedding. Provides four-group SDI embed/de-embed and cross-conversions between analog and AES discrete audio.
- Low-power/high-density design - less than 18 Watts per card
- Remote control/monitoring via Dashboard™ software or OGCP-9000 remote control panels
- 48 kHz sampling, 24-bit. Auto-SRC bypass for Dolby inputs.

CB-9933-EMDEADDA • **Your Price \$1205.00**

## Datavideo DAC-90 HD/SD-SDI Audio De-Embedder

The DAC-90 is an audio de-embedder box with useful function that allows users to de-embed 16 analogue audio signals (4 at a time) from SDI video signal.

It features 3G/HD/SD-SDI to support up to 1080p/60 video format, automatically detecting and switching between the different formats and provides 4 mini XLR audio connectors for outputting analogue audio to audio devices such as monitors, recorders, switchers, and audio mixers.



DV-DAC-90 • **Your Price \$329.00**

**datavideo®**

## Datavideo DAC-91 HD/SD-SDI Audio Embedder

- The DAC-91 is an embedded audio box with useful functions that allow users to embed 2 channels of analogue audio into SDI video signal.

- Features 3G/HD/SD-SDI to support up to 1080p/60 video format, automatically detecting and switching between the different formats and provides mini XLR and RCA audio connectors for inputting analogue audio.



**datavideo®**

- The Audio box also has audio level adjustment by using the built-in DIP switches.

DV-DAC-91 • **Your Price \$369.00**



**Audinate Dante AVIO Adapters**

Dante AVIO Adapters let you use your favorite legacy audio gear with any Dante-connected system, delivering the interoperability, performance and scalability that only networking can bring. Cost effective, compact and built for the road, Dante AVIO adapters bring the modern connectivity that every audio pro needs in their toolbox.

- ADN-ADPUSB-AU2X2** • Dante AVIO USB IO Adapter with RJ45 and USB type A ..... **Your Price \$159.00**
- ADN-ADPDAI-AU1X0** • Dante AVIO Analog Input Adapter with RJ45 and XLR female ..... **Your Price \$159.00**
- ADN-ADPDAO-AU0X1** • Dante AVIO Analog Output Adapter with RJ45 and XLR male ..... **Your Price \$159.00**
- ADN-ADPDAO-AU0X2** • Dante AVIO Analog Output Adapter with RJ45 and 2 XLR males ..... **Your Price \$199.00**
- ADN-ADPDAI-AU2X0** • Dante AVIO Analog Input Adapter with RJ45 and 2 XLR females ..... **Your Price \$199.00**
- ADN-ADPAES3AU2X2** • Dante AVIO AES3 In/out 2x2 Adapter with RJ45 and XLR male and female ..... **Your Price \$199.00**

**Radio Design Labs Line-Level Receiver**  
**8 Twisted Pair Format-A Input Sections**


RDL-SF-TPS24A

New for 2022 comes RDL's newest take on twisted pair format A senders and receivers. All models capable of up to 24 different audio signals sent/ received, and are powered directly from a 24 Vdc power supply using either the power jack or the detachable terminal block. Local power connected to the module is also fed to all modules connected to the eight OUTPUT RJ45 jacks.

Power for each RJ45 connector is protected against wiring faults by an automatically resetting fuse. Front-Panel green LEDs indicate valid module power.

**RDL-SF-TPS24A** • Sends up to 24 Audio Channels ..... **Your Price \$709.09**

**RDL-SF-TPRS12A** • 12 Sender; 12 Receiver ..... **Your Price \$740.63**

**RDL-SF-TPR24A** • Receives up to 24 Audio Channels ..... **Your Price \$595.95**

**Focusrite REDNET-A16R-MKII**  
**16x16 Analog Interface for Dante Networks**


Focusrite®

RedNet A16R MkII is a 16 - channel analogue Interface for Dante networks, with two channels of AES3 I/O. Individual input and output channel level controls allow for precise adjustment of all I/O levels using RedNet Control. With two power supplies and primary and secondary etherCON network connectors, RedNet A16R MkII is perfect for critical - path applications in recording, post-production, live sound and broadcast. Built - in redundancy features allow for silent fail - over in the event of power or network outage, providing reassurance for system technicians.

**FOCPRO-RN-A16RM2** • Reg. \$5719.99 **Your Price \$4399.99**

**Tascam ML Series D-Sub**  
**Analog Audio / Dante Bidirectional Converter**


TASCAM®

The TASCAM ML Series professional Dante-focused converters are made specifically to insert or extract analog audio into or out of a Dante (Digital Audio Network Through Ethernet) network using external breakout devices that utilize Sub-D format connectors. A powerful and flexible solution, the TASCAM ML-32D has 4 D-Sub inputs and 4 D-Sub outputs while the ML-16D has 2 each. These simple, yet elegant, solutions enable audio to be quickly and easily inserted into - or extracted from - the Dante audio stream.

**TCM-ML-32D** • Reg. \$3399.00 **Your Price \$2999.00**

**TCM-ML-16D** • Reg. \$2299.00 **Your Price \$1999.00**

**RDL D-NLC1 Dante Network Level Remote Control**  
**Wall Plate with LEDs - White**

The RDL D SERIES NLC1 is a remote control that provides volume control at single or multiple locations. The NLC1 connects to a digital network that may include compatible RDL audio and control modules as well as Dante devices from RDL and other manufacturers. Level is displayed on a 15 segment LED string. Each NLC1 operates as a Controller or Satellite control permitting up to eight units to work together to adjust levels. Setup is accomplished in a web-browser session hosted by the NLC1.

**RDL-D-NLC1** • Reg. \$463.62 **Your Price \$343.98**

**RDL D-NMC1 Multi-Function Remote Control**  
**Dante Wall Plate with Screen - White**

The RDL D SERIES NMC1 provides source selection and volume control at single or multiple locations. The NMC1 connects to a digital network that may include compatible RDL audio and control modules as well as Dante devices from RDL and other manufacturers. The unit is menu-driven using a full-color LCD display. Each NMC1 operates as a Controller or Satellite control permitting up to eight remote controls to work together to select sources, set Dante routing and adjust levels.

**RDL-D-NMC1** • Reg. \$583.23 **Your Price \$431.96**

**RDL SF-DN4 Two Left/Right Digital Audio to**  
**Four Dante Network Audio Signal Interface**

- Converts Two Left/Right Digital Audio Sources to Four Dante Network Audio Signals • AES/EBU or S/PDIF Coaxial or Optical Inputs • Digital Signal Lock Indicator for Valid Inputs • Supports Input Sampling Rates from 44.1 kHz to 192 kHz • Selectable Dante Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz • Transformer-Isolated AES/EBU Input • Digital Audio Sources Remain in the Digital Domain through the Dante Network Output

**RDL-SF-DN4** • Reg. \$868.99 **Your Price \$607.83**

**RDL AV-XMN4 Microphone to DANTE Network Interface**

The AV-XMN4 is an interface that converts four XLR microphone inputs to Dante network audio channels. Special software is not required to configure the AV-XMN4. Each XLR input is equipped with a switch to set the gain for dynamic or condenser microphones. A dual-LED VU meter displays the level for each input to facilitate selection of the ideal gain range. P48 phantom voltage is supplied to each microphone input. The AV-XMN4 is a professional grade product with discrete mic preamplifiers for studio quality fidelity and low noise performance.

**RDL-AV-XMN4** • Reg. \$1085.56 **Your Price \$930.58**



NEW



## Studio Technologies Model 544D Dante to Analog Audio Interface

The Studio Technologies Model 544D Audio Interface is the suggested replacement for the factory-discontinued Model 44D Audio Interface.

The Model 544D is an audio interface that supports Dante® audio-over-Ethernet media networking technology and provides two analog line-level inputs and two analog line-level outputs. Also includes two install-er-accessible general-purpose inputs (GPI) and general-purpose outputs (GPO). The Model 544D is designed to serve as a dual-channel analog input/output interface for various applications. Configured using the ST controller software application. Housed in a lightweight tabletop enclosure; optional mounting kits available. Power-over-Ethernet (PoE) powered. Can also be powered by 12 volts DC.

STUDIO TECHNOLOGIES INC.

STCH-M544D • Reg. \$795.00 **Your Price \$699.00**



## Studio Technologies Model 214A Dante Audio-over-Ethernet Announcers Console with 1x Talkback Outputs

NEW

The Model 214A Announcer's Console is designed to serve as the audio control center for announcers, commentators, and production personnel. This tabletop unit supports applications utilizing the Dante® audio-over-Ethernet media networking technology. The Model 214A is suitable for numerous applications including on-air television sports broadcasting, stadium announcement, and corporate AV. Two pushbutton switches allow the user to control the main and talkback audio output channels. Ease of use, configuration flexibility, and sonic excellence are some of the unit's highlights. The Model 214A is compatible with broadcast and audio system environments that use Dante technology. An Ethernet connection with Power-over-Ethernet (PoE) power is all that's required.

STUDIO TECHNOLOGIES INC.

STCH-M214A • Reg. \$1045.00 **Your Price \$919.00**

## Appsys Pro Audio Flexiverter Dante 64 x 64 Channel Format Converter for Dante



A Flexiverter is an ultra-compact box with a main format, dual power supply and a slot for a switchable AUX board, which adds the conversion format to the FLX unit.

At the moment 5 FLX units and 10 AUX boards are available. • Status LEDs For Each Port • DIP Switches for Advanced Configuration • 3 Possible Flexiverter Applications - Stand Alone, Dual Mode and Multiverter Extension • Status LEDs For Each Port • USB for Firmware Updates • AUX Port for Optional Format Module

AppsysProAudio

APP-FLX-DANTE • **Your Price \$1299.00**

## Attero Tech UNd6IO-BT Multi I/O AES67/Dante Wall Plate with Bluetooth - 4 x 2



ATTEROTECH

The Attero unD6IO-BT-W-C Dante™ Audio Interface with Bluetooth is a cost effective multi-IO wall box. The unD6IO-BT features stereo Bluetooth® wireless audio input connectivity along with two RCA line level inputs and a 3.5mm TRS line level input. A 3.5mm TRS line level output on the front is also included. The unD6IO-BT is designed to fit into most dual gang US junction boxes and is PoE enabled, so all connectivity (power, control and audio data) is provided by a single CAT-5e/6 cable. The unD6IO-BT's unique mix of consumer style wired and wireless connectivity allows easy connection of a wide variety of user devices to a

Dante network - with no concerns about ground loops or other audio problems common with consumer devices.

ATEC-UND6IO-BT • **Your Price \$1385.00**

## Blustream DA11ADE 2 Channel Dante Audio Analog Decoder

Blustream DA11ADE is a Dante® Audio Analog Decoder. It has been designed to decode a Dante® digital signal to unbalanced or balanced 2-channel analog audio. The DA11ADE is a plug & play device that is powered using PoE (Power over Ethernet) from any PoE network switch. The DA11ADE also supports AES67 RTP audio transport and supports 44.1, 48 & 96 KHz sample rates @ 24 Bit. Configurable Dante® device latency (supports 1, 2 or 5ms configurable)



BLU-DA11ADE • **Your Price \$364.00**

BLUSTREAM

## Kramer KDS-7 Series High-Performance & Highly-Scalable VoIP Encoders & Decoders

Kramer KDS-SW3-EN7 is an auto-switch encoder with two HDMI and USB-C inputs. Kramer KDS-DEC7 decoder is an advanced receiver for streaming 4K@60Hz (4:2:0) video signals via Ethernet over copper cable. It decodes streams over an IP network to HDMI output, and transmit the USB, IR, RS232, or CEC signal over IP network. Kramer KDS-EN7 encoder is an advanced transmitter for streaming 4K@60Hz (4:2:0) video signals via Ethernet over copper cable. It encodes and streams over an IP network from HDMI input, and transmits the USB, IR, RS232, or CEC signal over IP network. Kramer KDS-7-MNGR is the solution for configuration and management of KDS-7 deployments within the same network. Simply install the unit into the same local network as the extenders (encoders and decoders) to easily define and configure channel routing selections (including video, audio, and a variety of control interface types) using the embedded web pages.



kramer

KR-KDS-SW3-EN7 • Auto-Switch KVM Encoder with Dante over 1G Network • **\$1440.00**

KR-KDS-DEC7 • Decoder for 4K60 4:2:0 - HDR10 over 1G Network • **\$792.00**

KR-KDS-EN7 • Encoder for 4K60 4:2:0 - HDR10 over 1G Network • **\$792.00**

KR-KDS-7-MNGR • Manager for 4K60 4:2:0 over 1G Network Deployments • **\$944.00**

## Gra-Vue AES to Analog Audio Converter

The MIO DA-AUD is a small audio D/A, featuring high quality AES to analog audio conversion. It converts two groups of digital audio to four ch. of balanced analog audio with 24 bit processing effectively. Output audio channel selected by DIP switch. • Converts two groups of AES digital audio to four ch. balanced analog audio • Broadcast quality with 24 bit processing and 48KHz audio sampling • Adjustable output gain control



GFE-MIO-DA-AUD • **Your Price \$303.45**

## Gra-Vue Analog Audio to AES Converter

The MIO-AD-AUD is a miniature Analog to AES digital audio converter. The MIO-AD-AUD Converts four ch. balanced analog audio to two groups of digital audio with broadcast quality 24 bit processing. Output audio group selected by DIP switch.



• Convert four ch. balanced analog audio to two groups of AES digital audio

• Broadcast quality with 24 bit processing and 48KHz audio sampling • Locks to any AES reference from 32-96KHz or free runs at 48KHz

GFE-MIO-AD-AUD • **Your Price \$303.45**



**Yamaha DANTE-MY16-AUD2 Audinate  
16-Ch Dante2 Network I/O Card**


- Supports 44.1 and 88.2kHz sample rates, in addition to the previously-supported 48 and 96 kHz sample rates.
- Sample rate pull-up/down can be used to synchronize audio with video that has undergone frame rate conversion.
- Dante-MY16-AUD2 cards can be daisy chained together via the secondary Ethernet port.

• Dante-MY16-AUD2 can be PIN-locked and unlocked using Dante Controller.

- 2x RJ-45 connectors for Dante I/O, 1x D-sub 9 pin connector for RS232-C.
- Latency can be selected from five preset values: 0.25 ms, 0.5 ms, 1.0 ms, 2.0 ms, or 5.0 ms.
- More than 16 audio channels can be transferred when used with multiple Dante-MY16-AUD2 cards.

**YHM-DANTEMY16AUD** • Reg. \$749.00 **Your Price \$689.00**

**AJA openGear 12G-SDI/DANTE 64-Channel  
Audio Embedder/Disembedder**


nels per card in a compact design

- Support for 12G/6G/3G-SDI audio embedding to- and from- the Dante audio ecosystem
- Dual, and independent 12G-SDI Input and Output ports, each supporting 16-audio channels, totaling 64-channels per card in a compact design
- 1x Primary and 1x Secondary Gigabit Ethernet ports for Dante network redundancy
- 64-channels of simultaneous SDI/Dante audio bridging per card
- DashBoard support for remote signal status and configuration
- Compatible with a range of Dante Software from Audinate including Dante Controller for routing and configuration choices

**AJA-OGDANTE12GAM** • **Your Price \$2969.00**

**Allen & Heath 64 x 64 SQ Dante Card - 96kHz / 48kHz**


- 64x64 channel audio and control over a network
- 96kHz or 48kHz operation
- Multichannel recording / playback using Dante Virtual Soundcard\*
- Two ports with redundant and switch modes
- Internal Control Network Bridge
- Locking Ethercon connectors

**ALLEN & HEATH**

- Dante Domain Manager ready • AES67 compatible

**AH-M-SQ-SDANTE-A** • Reg. \$1399.00 **Your Price \$1099.00**

**Digigram VX882e PCI Express Audio Card**


Multichannel 8-in/8-out analog and digital PCI Express linear sound card for demanding applications in broadcast such as production, on-air, and logging. Exacting specs, outstanding quality, absolute reliability and total connectivity make this new generation the number one choice for pro audio manufacturers and software vendors.

- Analog and digital I/Os • Up to 24-bit/192 kHz



- Comprehensive set of Windows drivers: Digigram np, WDM DirectSound (digitally signed by Microsoft), Wave, ASIO
- High-quality hardware sample rate converters • Compact design that fits in small PCs

**DGR-VX882E** • **Your Price \$2880.00**


**Yamaha 8-Channel - 96kHz  
AES/EBU I/O Card with  
Sample Rate Conversion**

Yamaha MY8AE96S is an optional digital I/O card for compatible Yamaha digital mixing consoles and signal processors. It provide eight inputs and eight outputs for 24-bit, 44.1/48/88.2/96 kHz uncompressed AES/EBU compliant digital audio. Built-in sample rate conversion is provided on all inputs. • 24bit resolution, 96kHz compatible 8-in/8-out AES/EBU interface

- 1 x D-sub 25 pin connector • Equipped with a sampling rate converter at the input
- Dimensions: 120mm x 40mm x 176mm (4.7" x 1.6" x 6.9")
- Channel Count: 96kHz compatible 8IN / 8OUT • Format: AES/EBU
- Sampling Frequency: 44.1/48/88.2/96kHz • Resolution: 24bit
- Connector: 1 x D-sub 25 pin connector

**YMH-MY8AE96S** • Reg. \$831.00 **Your Price \$737.99**

**Focusrite RedNet ISA ADN2 2 Channel A/D Card for ISA One**

- Two-channel analog-to-digital converter for ISA One
- Up to 24-bit/192kHz sample rate
- Dante connectivity via Primary and Secondary Ethernet ports with redundancy and auto switchover in case of failure
- Two-channel XLR connection for AES3 output • Two-channel RCA connection for S/PDIF output • Two-channel TOSLINK connector for ADAT output
- Word Clock I/O on BNC connectors allows for synchronization to multiple digital sources, for syncing the Dante network to house clock, or for syncing external equipment to the Dante network



**Focusrite®**

**AMS-ISA-ADN2** • Reg. \$1039.99 **Your Price \$799.99**


**Digigram LX-IP Synchronous AoIP & MADI  
Multichannel Sound Card**

Bridges professional audio software applications to the ultra-low latency, phase-accurate and high precision clock management of AES67 and RAVENNA AoIP networks Digigram LX-IP provides the perfect gateway from mission critical applications to RAVENNA and AES67 AoIP networks. Its 64 channels, 0.5 ms latency and phase accuracy match all requirements for high density, ultra-low latency on-air or production studio workflows. Hardware-based architecture maintains performance regardless of the computational load of other applications running on the host system.

**DGR-LX-IP** • **Your Price \$3290.00**

**Digigram VX222e 2in/2out PCI Express Audio Card**

PCI Express version of the VX222HR linear sound card for demanding applications in broadcast, production, or voice-over recording. Exacting specs, outstanding quality, absolute reliability and total connectivity make this new generation the number one choice for pro audio manufacturers and software vendors.

The VX222e stereo sound card shares the same features as the HR series and integrates seamlessly with the same professional audio software.

**DGR-VX222E** • **Your Price \$662.00**



## ESI MAYA44 USBplus 4-in / 4-out USB Audio Interface



**NEW** ESI MAYA44 USB+ is a powerful, affordable and very stylish USB audio solution for home recording - a perfect solution for mobile live and recording applications!

Beside standard recording and playback functionality, MAYA44 USB+ provides everything that is needed for professional music production. In its compact aluminium case MAYA44 USB+ provides 4 analog input and 4 analog output channels with RCA connectors and a combined optical S/PDIF digital output / stereo headphone output.

**ESI-MAYA44USBPLU • Reg. \$139.99 Your Price \$139.99**

## ESI U24XL 24-bit USB Audio Interface for PC & Mac



U24 XL is not only stylish, it is with dimensions of around 3.93 inches x 3.54 inch (10 cm x 9 cm) a device that can go with you anywhere. Offering total flexibility of an external USB device and pure digital quality, coupled with

true high quality 24-bit support on the 2 analog input and 2 analog output channels provided via TRS connectors, U24 XL will easily qualify as the most useful device in your studio, wherever that may be. Even better, U24 XL also provides digital S/PDIF connections in both optical and coaxial format.

- 2 x analog input and 2 analog output channels (1/4" TRS connectors)
- One output connector usable as headphone output • 24 Bit AD/DA converter
- S/PDIF digital in and out available via optical (Toslink) and coaxial (RCA) connectors

**ESI-U24XL • Reg. \$119.99 Your Price \$119.95**

## Motu M USB Audio Interfaces with Studio-Quality Sound



ESS Sabre32 Ultra™ DAC technology for superb analog sound

- The same converter technology used in audio interfaces costing thousands • Measured 120 dB dynamic range on the outputs, Measured -129 dBu EIN on mic inputs • ESS-driven headphone output • Sample Rates: 44.1, 48, 88.2, 96, 176.4, 192 kHz • Mic/Line/Guitar: 2 x XLR/TRS "combo jack" mic/line/Hi-Z guitar inputs • Independent preamp gain, 48V phantom power and monitor switch for each input

**M2 Analog Outputs:** 2x 1/4" TRS line out (balanced, DC coupled), 2x RCA (unbalanced) analog out (mirrored), 1x 1/4" TRS stereo headphone

**M4 Analog Outputs:** 4x 1/4" TRS line out (balanced, DC coupled), 4x RCA (unbalanced) analog out (mirrored), 1x 1/4" TRS stereo headphone

**MOTU-M2 • M2 • Your Price \$199.95 MOTU-M4 • M4 • Your Price \$269.95**



## Henry Engineering USB Matchbox II USB-XLR Multi-Mode Stereo Codec



The USB Matchbox II features balanced analog inputs and outputs on XLRs, plus an AES/EBU digital output, and a handy Headphone jack on the front panel. Just plug-and-play for great audio with USB convenience and reliability! The USB Matchbox II

is a professional USB-to-XLR multi-mode stereo audio codec. It provides unparalleled audio performance with the ease of USB connectivity. The USB Matchbox II is ideal wherever computer audio needs to interface with a professional analog or digital audio system.

**USBMATCHBOX2 • Reg. \$550.00 Your Price \$550.00**

## Yamaha RUio16-D Dante-USB-Analog Audio Interface Bundle

The Yamaha RUio16-D is a revolutionary audio interface that features a compact form while still being rugged enough to withstand the needs of touring, serving as a bridge between Dante, analog, and USB signals. Combining this product with the bundled VST Rack Pro plug-in host software creates a plug-in environment that gives users a great deal of freedom and makes it easy to integrate the VST plug-ins you like into your system. This unit features a variety of input/output jacks, and is useful in a broad range of situations such as outputting computer-processed audio to a mixer via Dante, acoustic measurement, and more.



**YMH-RUIO16-D • Reg. \$1516.00 Your Price \$1299.99**

## Focusrite Scarlett (3rd Gen) USB Audio Interfaces



Sitting on the desks of more musicians and producers than any other, the Scarlett range of audio interfaces means studio-quality sound for all your instruments. Capture more of your ever-expanding setup with more inputs, more outputs and more connectivity. Getting studio-quality recordings at home has never been easier. Quick Start gets you set up, recording and playing back within minutes. Our mic preamps, high-headroom instrument inputs and now-iconic Gain Halos mean the science of sounding great is sorted. We've worried about the tech, you can focus on the music.

### Scarlett Solo

The best performing Scarlett mic preamp the range has ever heard - now with Air - for miking up guitars or recording vocals. One high headroom instrument input, for plugging your guitar or bass straight in. Quick Start tool, making it easier than ever to get up and running. High-performance converters, allowing you to record, mix and play back audio in studio quality, anywhere.

**AMS-SCAR-SOLO3G • Reg. \$169.99 Your Price \$129.99**

### Scarlett 2i2

Two of the best performing Scarlett mic preamps the range has ever heard - now with Air - for miking up guitars or recording vocals. Two high headroom instrument inputs, for plugging your guitar or bass straight in. High-performance converters, allowing you to record, mix and play back audio in studio quality, anywhere. Quick Start tool, making it easier than ever to get up and running.

**AMS-SCAR-2I2-3G • Reg. \$239.99 Your Price \$189.99**

### Scarlett 4i4

Four balanced line inputs, for connecting synths or other line-level audio, and four balanced outputs, for monitoring and effects sends. Two of the best performing Scarlett mic preamps the range has ever heard now with Air - for miking up guitars or recording vocals. Two high headroom instrument inputs, for plugging your guitar or bass straight in. Loopback, for grabbing a stereo feed of any combination of hardware inputs and software playback, no cables needed, for simple sampling, streaming or podcasting.

**AMS-SCAR-4I4-3G • Reg. \$329.99 Your Price \$259.99**

### Scarlett 18i8

Four of the best performing Scarlett mic preamps the range has ever heard - now with Air - for miking up guitars or recording vocals. Two high headroom instrument inputs, for plugging your guitar or bass straight in. Eight balanced line inputs, for connecting synths or other line-level audio, and four balanced outputs, for monitoring and effects sends. Four monitor outs, featuring anti-thump tech and speaker switching.

**AMS-SCAR-18I8-3G • Reg. \$569.99 Your Price \$449.99**

## ESI GPEX Gigaport eX Professional 24-bit / 192 kHz 8 Output USB Audio Interface

ESI GIGAPORT eX is not like any other USB audio interface.. it's simply the multichannel playback solution with the best price value ratio on the market due to its unique set of features providing 8 independent outputs (and full 7.1 surround sound support), 2 independent stereo headphone outputs and excellent audio quality supporting up to 24-bit and 192 kHz.



The upgrade of our famous GIGAPORT HD+ provides ASIO 2.0 drivers for professional audio mixing and playback under Windows 7, Windows 8.1 and Windows 10. The hardware is also CoreAudio compatible and natively works under OS X / macOS even without the installation of a special driver.

**ESI-GPEX • Your Price \$179.00**





## Sony UWP-D Wireless Packages



SNY-UWPD26-14

- High-quality sound with Sony digital audio processing • NFC SYNC function for quick and easy secure channel setting • True double tuner diversity for stable signal reception
- Auto gain mode volume control • +15 dB gain volume boost mode for off-mic audio
- Line input • +48 V power supply (plug-on transmitter)
- Channel memory for fast switching between receiver frequencies for two-transmitter operation
- Monitor mode for using a receiver as an ear monitor • Variable muting function • Receiver output level control • High visibility OLED display, ideal for indoor/outdoor use

SNY-UWPD26-14

UTX-B40 bodypack transmitter, UTX-P40 XLR plug-on transmitter, URX-P40 receiver 470.125 MHz to 541.875 MHz • **\$799.99**

SNY-UWPD26-90

UTX-B40 bodypack transmitter, UTX-P40 XLR plug-on transmitter, URX-P40 receiver 941.625 MHz to 951.875 MHz • **\$799.99**

## Sony UWP-D HNDH Mic Transmitters

**SONY**



- Capsule Type: Dynamic • Directivity: Unidirectional
- Reference Audio Input level: -55 dBV (GAIN MODE set to NORMAL, 0 dB attenuation) • Maximum Audio Input Level: 151 dB SPL (21 dB attenuation, using supplied microphone unit) • Audio Attenuator Adjustment Range: 0 dB to 21 dB (3 dB steps) • Frequency Response: 70 Hz to 18 kHz • Signal-to-Noise Ratio: 60 dB (-60 dBV, 1 kHz sine wave input), 102 dB (GAIN MODE set to AUTO GAIN, max deviation, A-weighted), 96 dB (GAIN MODE set to NORMAL, max deviation, A-weighted)

SNY-UTXM40-14 • 470.125 MHz to 541.875 MHz • **Your Price \$349.99**

SNY-UTXM40-25 • 536.125 MHz to 607.875 MHz • **Your Price \$349.99**

## Sony UWP-D Wireless Bodypack Transmitters



Capsule Type: Electret condenser • Directivity: Omni-directional • Input Connector: 3.5mm diameter 3-pole locking mini jack • Reference Audio Input Level: -60 dBV (MIC input, GAIN MODE set to NORMAL, 0 dB attenuation) +4 dBu (LINE input) • Audio Attenuator Adjustment Range: 0 dB to 27 dB (3dB steps) • Frequency Response: 23 Hz to 18 kHz • Signal-to-Noise Ratio: 60 dB (-60 dBV, 1 kHz input), 102 dB (GAIN MODE set to AUTO GAIN, max.), 96 dB (GAIN MODE set to NORMAL, max.)

SNY-UTXB40-14 • 470-541 MHz • **Your Price \$349.99**

SNY-UTXB40-25 • 536-607 MHz • **Your Price \$349.99**

**SONY**

## Samson Go Mic Mobile Digital LM8 Lavalier Wireless System



**SAMSON**

Samson's SWGMMLAV is their PXD2 belt-pack transmitter that's designed for seamless use with their Go Mic Mobile Professional Wireless System for Mobile Video. Working in concert with the included LM8 Omnidirectional Lavalier Microphone, the PXD2 is the ideal addition to any Go Mic Mobile system. It offers up to 100ft of uncompressed digital wireless operation - great for all your filmmaking/video purposes.

- 2.4GHz digital wireless operation
- Low-latency audio transmission with no video sync issues

SAM-SWGMMLAV • Reg. \$279.98 **Your Price \$199.99**

## Mackie ELEMENT WAVE XLR Wireless Handheld Mic System

**MACKIE**



**NEW!**

The EleMent Wave XLR Wireless Handheld Microphone System takes legendary Mackie sound quality and the latest technology to make going wireless easier than ever. Utilizing a digital 2.4GHz design, Wave offers clear, reliable performance you can count on for up to 7 hours on a single charge. The Wave transmitter has a high-quality female XLR connector for attachment to any dynamic handheld microphone plus onboard Mute and Gain controls. The Wave receiver features a headphone monitoring output and fast one-button pairing. Built for content creation, live streaming, video production, and beyond, cut the cord with the EleMent Wave Wireless Microphone System.

MCK-ELEMENTWAVEX • **Your Price \$164.95**

## Samson SWC88XAH8-D Airline 88x AH8 Headset Wireless Microphone System

The Samson AirLine 88x AH8 Fitness Headset system offers true wireless freedom without the inconvenience of a belt-pack or cable. Featuring a lightweight, water-resistant micro transmitter headset with a secure yet comfortable fit, this frequency-agile UHF wireless system provides high definition sound, premium reliability and a 300' operating range.



**SAMSON**

The integrated design of the AH8 Fitness Headset combines a micro transmitter and adjustable gooseneck into a low-profile headset that molds to the shape of your head. The headset also features an internal 8-hour rechargeable lithium ion battery, easily accessible Gain and Mute controls, and IR sync wirelessly match the receiver and transmitter frequency.

SAM-SWC88XAH8-D • Reg. \$559.98 **Your Price \$399.99**

## Samson Stage XPD2 Wireless USB Mic System

The Samson SWXPD2HQ6 XPD2 Handheld system allows you to bring a wireless microphone to a variety of sound applications via its uniquely designed USB stick receiver. Offering simple setup, professional full-range audio and 100' of wireless operation, the XPD2 Handheld is perfect for live performances, digital communications and mobile productions.

The XPD2 Handheld system combines incredible audio quality, simple operation and micro receiver technology to make integrating a wireless microphones into your audio production extremely easy and affordable.

SAM-SWXPD2HQ6 • Reg. \$168.98 **Your Price \$129.99**

**SAMSON**

## Samson SWXPD2BLM8 Stage XPD2 Presentation USB Digital Wireless Mic System

The Samson XPD2 Lavalier system allows you to bring a wireless microphone to a variety of sound applications via its uniquely designed USB stick receiver. Offering simple setup, professional full-range audio, the XPD2 Lavalier is perfect for live performances, digital communications and mobile productions. XPD2 operates in the license-free 2.4GHz frequency band, is extremely fast and easy to setup and with 100 feet of operating range the system provides plenty of room to work wirelessly.

SAM-SWXPD2BLM8 • Reg. \$168.98  
**Your Price \$129.99**



**SAMSON**





### Sennheiser Wireless Digital EW-DX

Sennheiser EW-DX simplifies your professional workflow by utilizing refined technologies and decades of research to deliver a digital UHF system that can be scaled with ease. With its advanced feature set and hardware options, classrooms, corporate campuses, and live productions benefit from a network-ready system that is designed to integrate seamlessly. In-device charging, 12-hour battery operation, and switching bandwidth up to 88 MHz are only a few more of the many features that make EW-DX the right tool for the job. of its own.



SENN-EWDXEM2DQ19

- Two-channel digital half rack (9.5") with Dante in rugged metal housing
- Flexible network modes: single cable (Control, Dante, PoE), split mode (Control + PoE)
  - Ethernet connectivity (IPv4 and IPv6)
- Automated setup creates reliable connections with minimal time and effort
- Link Quality Indicator (LQI) showing the quality of the links separate to the RF levels
  - 56 MHz Bandwidth will allow for up to 90 channels

<b>SENN-EWDXSKSTQ19</b>	Handheld Q1-9 Digital Wireless Microphone Base Set (Frequency 470.2 - 550 MHz) .....	<b>Your Price \$1999.00</b>
<b>SENN-EWDXSKMSQ19</b>	Q1-9 Handheld Microphone Transmitter with Switch (470.2 - 550 MHz) .....	<b>Your Price \$469.00</b>
<b>SENN-EWDXSKSTR19</b>	R1-9 Digital Wireless Microphone Base Set (Frequency 520 - 607.8 MHz) .....	<b>Your Price \$1999.00</b>
<b>SENN-EWDXEM2DQ19</b>	2-Channel Digital Half-Rack 9.5 Inch Dante Mic Receiver - Frequency 470.2 - 550 MHz .....	<b>Your Price \$1249.00</b>

Additional configurations, components, and accessories available - Contact your Markertek Sales Rep today to design your system!



EW-DPME4SET-R1-6

### Sennheiser Evolution Wireless Digital EW-DP

Sennheiser EW-DP with ME 4 cardioid lavalier delivers an industry leading audio workflow that only advanced digital technology and UHF transmission can offer. This fully digital UHF wireless microphone system features an all-new portable design and unmatched audio quality, purpose-built for filmmakers, content creators, and broadcasters. At the heart of EW-DP is a compact digital receiver that provides an intuitive user experience for all. Bluetooth synchronization and system control via our Smart Assist app help you save time and energy on set.

<b>EW-DPME4SET-R1-6</b>	Lavalier Set w/ Receiver/Transmitter and Lavalier Mic (470.2 - 526 MHz) .....	<b>Your Price \$699.00</b>
<b>EW-DPME2SET-Q1-6</b>	Evolution Wireless Digital Omni Lavalier Mic System (470.2-526MHz) .....	<b>Your Price \$699.00</b>
<b>EW-DP-SKP-R4-9</b>	EW-DP SKP Evolution Wireless Digital Plug-On Transmitter (552-607.8MHz) .....	<b>Your Price \$349.00</b>
<b>EW-DP-EK-R4-9</b>	Vocal Set w/ RX/TX/Mute Switch and Lavalier Mic (552 - 607.8 MHz) .....	<b>Your Price \$349.00</b>

Additional configurations, components, and accessories available - Contact your Markertek Sales Rep today to design your system!

### Sennheiser Evolution Wireless Digital Systems

The Sennheiser EW-D is a versatile and feature-rich digital wireless system for those who sing, speak or play instruments that allows for seamless product pairing and management via the EQ-D Smart Assist App. Evolution Wireless Digital breaks the boundaries by providing more dynamic range than any wireless system currently on the market. Automatically securing the most reliable signal in a matter of seconds and scalable up 90 channels thanks to 56 MHz of tuning bandwidth, it's easy to see why this wireless system is in a class of its own.

SENN-EWDME2-Q1-6



- Digital wireless eliminates noise, interference and static bursts
- UHF transmission greatly enhances range, reliability and scalability
- Mobile App streamlines setup and operation and eliminates complicated menus
- Up to 2,240 selectable frequencies

<b>SENN-EWDME2-Q1-6</b>	Lavalier Set w/ Receiver/Transmitter and Lavalier Mic (470.2 - 526 MHz) .....	<b>Your Price \$699.00</b>
<b>SENN-EWD835SR1-6</b>	Handheld Set w/ Receiver/Transmitter and Mic (520 - 576 MHz) .....	<b>Your Price \$699.00</b>
<b>SENN-EWDIC1-Q1-6</b>	Instrument Set w/ Receiver/Transmitter and Instrument Cable (470.2 - 526 MHz) .....	<b>Your Price \$629.00</b>
<b>EWDME2-835S-R4-9</b>	Vocal Set w/ RX/TX/Mute Switch and Lavalier Mic (552 - 607.8 MHz) .....	<b>Your Price \$999.00</b>

Additional configurations, components, and accessories available - Contact your Markertek Sales Rep today to design your system!



### SENNHEISER

### Sennheiser Evolution Wireless G4 Systems

**When it comes to applications in hospitality, education and events, G4 is your mobile solution that fits into any room and perfectly integrates into existing workflows. Documentary filmmakers and video journalists know that G4 fits into any bag and provides powerful speech intelligibility for their interviews or reports.**



EW-100G4-835-S-A



<b>SENN-EW112P-G4-G</b>	Lavalier Set w/ SK 100 G4 Bodypack & ME 2-II Lav Mic (566 - 608 MHz) .....	<b>Your Price \$699.00</b>
<b>EW-100-ENG-G4-A</b>	SK 100 G4 Bodypack, ME 2-II lavalier microphone, SKP 100 G4 plug-on .....	<b>Your Price \$899.00</b>
<b>EW-100G4-835-S-A</b>	Vocal Set with SKM 100 G4-S Cardioid Dynamic Handheld Microphone (516 - 558 MHz) .....	<b>Your Price \$749.00</b>
<b>EW-100-G4-ME2-A1</b>	Wireless Lav Set with SK 100 G4 Bodypack & ME 2-II Omni Condenser Lav Mic (470 - 516 MHz) .....	<b>Your Price \$749.00</b>
<b>EW-300G4HDM1RCAW</b>	Wireless Omnidirectional Condenser Headmic Set (470 - 558 MHz) .....	<b>Your Price \$1279.00</b>

Additional configurations, components, and accessories available - Contact your Markertek Sales Rep today to design your system!





# SENNHEISER

## Setup Simplicity. Digital Clarity.

### EW-D

Part of the Evolution Wireless Digital family — which includes EW-D, EW-DX and EW-DP — EW-D wireless microphone systems give you the highest dynamic range of any wireless system currently on the market, utilizing advanced features to simplify your setup process, guarantee the most reliable UHF connection, and deliver superior sound quality with 24-bit digital audio.



### EW-DX

Evolution Wireless Digital is a system that evolves with you. Choose from multiple hardware options, including 2-channel half-rack (9.5") or 4-channel full-rack (19") receivers to right-size your needs today, while keeping expansion open for tomorrow. Dante® network audio, Ethernet control ports, and AES-256 encryption allow EW-DX to be securely transmitted, allowing systems to be managed and flex as needs change.



### EW-DP

When it comes to wireless transmission, UHF is the standard by which all other wireless audio systems are measured by.

Used by professionals the world over, Evolution Wireless operates in the UHF spectrum and is known for its reliability, flexibility, and comprehensive feature set. Combine that with the spectral efficiency and audio clarity that only digital technology can offer, and you get EW-DP – our most advanced wireless audio system for video applications.



America's Broadcast Supply House.®





SHURE

**Shure SLX-D Wireless Systems**

From lecture halls to houses of worship to performance venues, SLX-D delivers transparent, 24-bit digital audio and rock solid RF performance with easy setup and rechargeability options in a suite of versatile wireless system configurations. Featuring single half-rack and dual full-rack receiver options, handheld and bodypack transmitters and a wide selection of vocal, lavalier, headset and instrument microphone system configurations. Compatible with Shure UHF wireless antenna distribution and remote antenna accessories.

- Crystal-clear digital audio quality with >120 dB dynamic range
- Stable signals with high efficiency for rock-solid, reliable RF performance
- RF scan and IR sync for setup at the push of a button. Now featuring guided frequency setup tool embedded in every SLX-D receiver
- Up to 32 compatible systems per 44 MHz band
- Up to 8 hours of use from 2 AA batteries or optional Shure SB903 Lithium-ion rechargeable batteries and chargers
- Install-friendly - manage multiple system group scans, firmware updates and local setup and control via Ethernet
- Wide variety of microphones and system SKU configurations

SLXD124-85-*	SLXD2/58 Handheld Transmitter, SLXD1 Bodypack Transmitter & WL185 Lavalier Microphone	<b>Your Price \$999.00</b>
SLXD24D-B58-*	Dual Wireless System with Two Beta58A Handheld Transmitters & SLXD4D Dual Receiver	<b>Your Price \$1479.00</b>
SLXD24D-SM58-*	Dual Wireless System with Two SM58 Handheld Transmitters & SLXD4D Dual Receiver	<b>Your Price \$1379.00</b>
SLXD24-B87A-*	Wireless System with Beta87A Vocal Handheld Transmitter & SLXD4 Receiver	<b>Your Price \$839.00</b>
SLXD24-K8B-*	Wireless System with KSM8 Vocal Handheld Transmitter & SLXD4 Receiver	<b>Your Price \$1069.00</b>
SLXD24-B58-*	Wireless System with Beta58 Vocal Handheld Transmitter & SLXD4 Receiver	<b>Your Price \$749.00</b>
SLXD14-SM35-*	Wireless Mic System SM35 Headworn Mic, Bodypack Transmitter & SLXD4 Receiver	<b>Your Price \$769.00</b>
SLXD14-153T-*	Wireless System with SLXD1 Bodypack Transmitter and MX153T Earset Headworn Microphone	<b>Your Price \$879.00</b>

\* Available in J52 = 558-602/614-616Mhz, H55 = 514-558Mhz, G58 = 470-514Mhz

SHURE

**Shure SLX-D Transmitters**

Shure SLXD transmitters have a high-contrast OLED display indicating channel name, battery status, and frequency. Both the receiver and bodypack/handheld transmitter shall be able to be locked with the options of either locking the menu only, or locking both the menu and power. The transmitter is also able to be temporarily unlocked and automatically locked back after a certain idle time. Transmitter bodypacks use a TA4M connector as the mic connection. The bodypack and handheld are powered by two AA batteries or the SH-SB903 lithium ion rechargeable battery. The bodypack and handheld shall be able to be docked and charged on a SBC203 dual docking charger.

SLXD1-*	Bodypack Transmitter	<b>Your Price \$229.00</b>
SLXD2-K8B-*	Handheld Wireless Mic Transmitter - KSM8 Capsule	<b>Your Price \$635.00</b>
SLXD2-B58-*	Handheld Wireless Mic Transmitter - Beta 58 Capsule	<b>Your Price \$329.00</b>
SLXD2-B87A-*	Handheld Wireless Mic Transmitter - Beta 87A Capsule	<b>Your Price \$419.00</b>
SLXD2-SM58-*	Handheld Wireless Mic Transmitter - SM58 Capsule	<b>Your Price \$279.00</b>

\* Available in J52 = 558-602/614-616Mhz, H55 = 514-558Mhz, G58 = 470-514Mhz

**Shure SLX-D Digital Wireless Receivers**

Receivers provide single and dual channel options and have a menu option to guide the user step-by-step in setting up the RF frequency to either initiate new systems or add a new system to existing systems. The receiver shall sync the frequency to the transmitter via infrared lens. Once the system is setup, the receiver can store the configuration and restore it back if the configuration is changed accidentally. Receivers have both XLR and 1/4" audio outputs. The receiver can select the microphone level and line level output via menu operation.

SLXD4-*	SLXD4 Digital Wireless Mic Receiver	<b>Your Price \$449.00</b>
SLXD4D-*	SLXD4D Dual-Channel Digital Wireless Receiver	<b>Your Price \$849.00</b>

\* Available in J52 = 558-602/614-616Mhz, H55 = 514-558Mhz, G58 = 470-514Mhz

**SBC203-US Dual Docking Station for SLX-D transmitters and SB903 battery**


The SBC203 dual docking battery charger is designed for the Shure SB-903 battery. The charger will stop charging when the temperature is above 45 degree Celsius for safety purposes.

SH-SBC203 • **Your Price \$127.00**

**SB903 Lithium-ion Battery for SLX-D Transmitters**


The SB903 rechargeable battery can be charged on both the SB203 dual docking charger or in the SBC10-903 single battery charger. The battery runtime shall be displayed on both receiver and transmitter in HH:MM format, accurate to within 15 minutes.

SH-SB903 • **Your Price \$45.00**





SLX-D DIGITAL WIRELESS

# THIS IS THE WIRELESS SYSTEM YOU HAVE BEEN WAITING FOR.

SLX-D Digital Wireless continues the legacy of exceptional wireless technology from Shure. Flawless 24-bit digital audio for your presenters and performers. Rock solid RF that's easy to set up for your staff. A complete selection of system configurations and microphone options. Docking rechargeability options that provide to-the minute details.

Easy to scale for small assemblies all the way to prominent live events, SLX-D Digital Wireless is the state of the art, high-value choice that simply makes sense. Learn more at [Shure.com/SLX-D](https://www.shure.com/SLX-D)



SUPERIOR  
AUDIO



8 HOURS  
OF POWER



32 CHANNELS  
PER 44MHz



EASY TO  
SET UP



CLEAR  
UHF SIGNAL



INSTALLER-  
FRIENDLY

## + COMPATIBLE WITH WIRELESS WORKBENCH 7

Wireless Workbench is Shure's free software for audio professionals that puts a full suite of RF spectrum management tools in one place to give you full command of your compatible wireless devices.



FREQUENCY  
COORDINATION  
& DEPLOYMENT



EFFICIENT  
MANAGEMENT



DATA  
RECORDING



REMOTE RF  
MONITORING





## Shure Dual Channel CVL Lavalier Wireless System - 572 to 596 MHz



- Up to 12 compatible systems per frequency band (region dependent)
- Microprocessor-controlled internal antenna diversity • One-touch QuickScan frequency selection quickly locates the best frequency
- 1/4" and XLR audio outputs • Two color audio status indicator LED • Adjustable gain control

SH-BLX188CVL-H11 • **Your Price \$629.00**

# SHURE

## Shure Combo Lav & SM58 Digital Wireless Mic System 470-534MHz

Featuring an SM58 handheld wireless microphone transmitter and WL185 lavalier microphone, QLXD124/85 combines professional features with simplified setup and operation. Includes QLXD2/SM58, WL185, QLXD1, QLXD4, microphone clip, 2 zipper bags, 4 AA batteries, power supply, two 1/2 wave antennas, 2 BNC cables, 2 BNC bulkhead adapters, rackmount kit, and user guide.



SH-QLXD124-85-H • **Your Price \$1549.00**

## Audio-Technica ATW-3255 3000 Series Wireless In-Ear Monitor System

The Audio-Technica 3000 Series Wireless In-Ear Monitor System was designed to bring professional sound quality and features to all levels of performers and performance venues.

**audio-technica**



With design elements modeled after our popular 3000 Series UHF Wireless Microphone Systems, the 3000 Series IEM features a rack-mount transmitter with front-panel controls and large OLED display, body-pack receiver with an efficient headphone amp (it also conveniently charges in the same ATH-CHG3 and ATH-CHG3N charging stations as the 3000 Series UHF body-pack transmitters), and ATH-E40 professional in-ear monitor headphones with propriety dual phase push-pull drivers. Together these elements provide clear, natural sound quality on any stage.

ATW-3255DF2 • **Your Price \$849.00**

## Audio-Technica 3000 Series (Fourth Generation) Frequency-agile True Diversity UHF Wireless Systems

**audio-technica**

Extremely wide 60 MHz UHF tuning bandwidth for maximum versatility in an increasingly congested RF environment; available in two frequency bands: DE2 (470-530 MHz) and EE1 (530-590 MHz) • Unique multifunction button on the handheld and body-pack transmitters can be used to switch to a backup frequency (on both transmitter and receiver) should interference be encountered • Auto Squelch feature automatically adjusts squelch setting to maximize range while minimizing

potential interference • Dual-mode receiver display can switch between standard view or a performance view that highlights key metering • Transmitters and receivers include OLED screens for optimal readout of key settings and alerts • Frequency scan and IR sync functionality for ease of setup • Handheld transmitter offers extremely low handling noise and includes an industry-standard thread mount for use with six interchangeable A-T microphone capsules, as well as other compatible capsule



## Shure ADX2/B58 Axiem Digital Handheld Transmitter w/ BETA 58A Capsule & ShowLink - G57 (470 - 616MHz)

- Durable, moisture-resistant, lightweight metal case
- Up to 9 hours of runtime with SB920 rechargeable batteries (ADX2FD-Up to 6.5 hours)
- External contacts for docked charging with optional fully covered radome
- Ability to transmit RF signal on two discrete carriers

SH-ADX2-B58-G57 • **Your Price \$1925.00**

## Shure ADX5D Axiem® Digital Dual-Channel Portable Wireless Receiver

• As an Axiem Digital ADX Series wireless receiver, the ADX5D features ShowLink® Direct Mode that allows remote control of Axiem Digital transmitters without the need of external equipment.\* Robust RF. Impeccable audio. Axiem Digital quality and performance. All in a portable, slot-in design.

- Dual-channel slot-in form wireless receiver
- Wide tuning range up to 184 MHz (region dependent)
- Networked control with Wireless Workbench® software and ShurePlus™ Channels app
- ADX series receiver with ShowLink Direct Mode allows remote control of Axiem Digital transmitters without the need of external equipment

SH-ADX5D-A • **Your Price \$2500.00**



## Shure BLX1288/CVL-H11 Dual Channel Lavalier & Handheld Combo Wireless System - J11 584-595 MHz

This BLX1288/CVL combo offers a flexible solution by including a bodypack transmitter, a CVL cardioid lavalier mic, and a handheld transmitter equipped with an integrated PG58 dynamic cardioid microphone capsule. The lav provides a discreet hands-free mic option, while the handheld mic is ideal in situations where you don't have time to position a lavalier mic or you need to quickly pass the mic between several people.

SH-BLX1288CVLH11 • **Your Price \$639.00**



# SHURE

AT-ATW-3211DE2	ATW-R3210 Receiver & ATW-T3201 Body-Pack Transmitter - 470-530 MHz	<b>Your Price \$549.00</b>
AT-ATW-3211EE1	ATW-R3210 Receiver & ATW-T3201 Body-Pack Transmitter - 530-590 MHz	<b>Your Price \$549.00</b>
ATW-3212-C510DE2	R3210 Receiver T3202 Handheld Transmitter C510 Mic Capsule 470-530 MHz	<b>Your Price \$599.00</b>
AT-ATW3212C510EE	R3210 Receiver T3202 Handheld Transmitter C510 Mic Capsule 530-590 MHz	<b>Your Price \$599.00</b>
AT-ATW-1312-L	ATW-R3210 ATW-RU13x Receiver2 Body-Pack Transmitter w/ MT830CW lav mic 470-530 MHz	<b>Your Price \$949.00</b>
ATW-3211-831DE2	R3210 Receiver T3201 Body-Pack Transmitter w/ AT831CH Lav Mic 470-530 MHz	<b>Your Price \$649.00</b>
ATW-3211-831EE1	R3210 Receiver T3201 Body-Pack Transmitter w/ AT831CH Lav Mic 530-590 MHz	<b>Your Price \$649.00</b>



**audio-technica**



## Lectrosonics DSQD 4-Channel Digital Receiver



The Lectrosonics DSQD is a half rack receiver with analog and digital Dante® network audio outputs that utilize Lectrosonics signature digital architecture with remarkable audio quality and ultra-low latency. The receiver includes an extended operating range rivaling the best analog and Digital Hybrid Wireless® systems with continuously tunable tracking filters covering 470.100 - 614.375 MHz.

**LEC-DSQD • Your Price \$5509.00**

## Lectrosonics HMA-A1 Plug-on Transmitter



Accepts microphone or line level signals • Selectable 5, 15, 48 volt phantom power • 76 MHz tuning range in 100 kHz or 25 kHz steps for up to 3072 frequencies • Selectable 50/100 mW output power • Adjustable low frequency roll-off • Powered by two AA batteries • USB port for firmware updates • IR (infrared) port for fast setup • Solid machined aluminum housing

**LEC-HMA-A1 • Your Price \$1344.00**

## Lectrosonics IFBT4 Frequency-Agile IFB Transmitters



The Lectrosonics IFBT4 transmitter was designed for use in broadcast, motion picture, theater, and stage applications where extended operating range and high quality audio are essential. The transmitter can be used as a stand-alone device or patched directly into popular intercom systems.

• Digital Hybrid Wireless technology • 256 UHF frequencies in 100kHz steps • Microprocessor controlled operation • 250 mW power output for long range use • Pilot tone squelch control • Multi-use XLR input jack • Built-in microphone preamp

**LEC-IFBT4-21 • Block 21 537.600 - 563.100 • Your Price \$1175.00**

**LEC-IFBT4-22 • Block 22 563.200 - 588.700 • Your Price \$1175.00**

## Alto Professional Stealth Wireless MKII 2-Channel UHF Audio Transmitter/Receiver System



The Alto Professional Stealth Wireless MKII is a next gen wireless solution that eliminates the need for up to 200' of speaker cabling. With Stealth Wireless MKII, it's easy to add wireless audio connectivity to any active loudspeaker without compromising audio quality. The system works perfectly well through walls, floors, and ceilings, providing setup flexibility that far exceeds conventional hard wired systems.

- Add wireless audio connectivity to any active loudspeaker
- Dual channel transmitter (x1) with two XLR+1/4" TRS inputs
- Single channel receivers (x2) with one 1/4" TRS output (per unit)
- Replaces up to 200' of console to system cabling. • Reliable UHF band; up to 100+ selectable channels

**ALT-STEALTHMK2 • Reg. \$599.00 Your Price \$399.00**

## Lectrosonics LR Series Miniature Digital Hybrid Receivers



The LR Wireless Receiver from Lectrosonics is a digital hybrid ultra-compact portable wireless bodypack receiver with 75 MHz tuning bandwidth and with tracking front-end filters. The LR has several other features to help provide good clear audio, such as compatibility modes to allow the receiver to operate with older analog receivers. Dual antenna diversity helps to improve range and resistance to dropouts. There is also a built-in RF spectrum analyzer and SmartTune scan, which make finding a clean frequency on-site quick and easy.

**LEC-LR-A1 • 470.100 - 537.575 MHz • Reg. \$2155.00 Your Price \$1766.00**

**LEC-LR-B1 • 537.600 - 614.375 MHz • Reg. \$2155.00 Your Price \$1766.00**

## Lectrosonics LT-B1 Digital Hybrid Wireless Belt-Pack Transmitters



The LT transmitter offers a full set of professional features in a compact, rugged package. The unit is compatible with all Digital Hybrid Wireless receivers and even some from other manufacturers, making it comfortable in a wide variety of applications from video production to theater, stage and house of worship. Digital Hybrid Wireless for compander-free audio. Selectable 50 or 100mW output power. Compatibility modes for use with analog receivers. 25 or 100 kHz tuning steps for up to 3072 selectable frequencies.

**LEC-LT-A1 • 470.100 - 537.575 MHz • Reg. \$1907.00 Your Price \$1394.00**

**LEC-LT-B1 • 537.600 - 614.375 MHz • Reg. \$1907.00 Your Price \$1394.00**

## Lectrosonics LMB A1 Tx - Basic Belt Pack

The LMB transmitter can be configured to operate as a "one touch" device with a single power on/off switch on the top panel, or with full access to all operational parameters using the side panel membrane switches and LCD interface • Covers three standard frequency bands • Digital Hybrid Wireless for compander-free audio • 50 mW RF power • Compatibility modes for use with analog receivers • 25 or 100 kHz tuning steps for up to 3072 selectable frequencies • Integrated multi-function switch for mute or talkback modes • Wide range input gain control in 1 dB steps • 470.100 - 537.575MHz

**LEC-LMBA1 • Reg. \$1381.00 Your Price \$989.00**

## Alto Professional Stealth Wireless Pro Audio Connection System for Active Loudspeakers

- Dual-channel UHF Transmission and True Diversity reception for mission critical applications • Replace audio cable runs of more than 200 feet (61 meters)
- Auto frequency scan and sync between transmitter and receiver units • Backlit dual LCD displays with RF and AF metering
- Aluminum and steel enclosures and removable antennae • Switchable stereo or dual mono operation
- Built-in delay line functionality for hassle-free delay stacks configuration
- 1U rack-mountable metal housing allows 2 units to be mounted side-by-side in a 19" rack with included kit • Two XLR + balanced TRS 1/4" combo inputs
- Single XLR output sends the signal to powered speaker array a traditional amplifier-and-speaker combo



**STEALTHWPROXUS • Your Price \$749.00**



**Shure SM Series Dynamic Microphones**

Shure's legendary SM microphones have come to define the sound of live performances. Recognizable by name and reputation, SM microphones are virtually indestructible professional gear, built to take the punishment of night-after-night touring.

- **SM48:** Great performance Mic with superior gain before feedback
- **SM57:** 40Hz-15kHz ideal for live sound and recording
- **SM58:** Bright mids/Bass Roll Off 50Hz-15kHz
- **SM86:** 50Hz to 18 kHz with two stage windscreens and pop filter
- **SM7B:** 50Hz-20kHz frequency response
- Switchable Response
- Designed for spoken vocals and singing
- Highly shielded
- Bass roll-off & presence boost
- Internal "air suspension"
- Ships with A7WS detachable windscreens



**SM48-LC • Reg. \$69.00 • Your Price • \$52.95**

**SM57LC • Reg. \$129.00 • Your Price • \$99.00**

**SM58LC • Reg. \$129.00 • Your Price • \$99.00**

**SM58S (with on/off switch) • Reg. \$135.00 • Your Price • \$104.00**

**SM86 • Reg. \$239.00 • Your Price • \$189.00**

**Electro-Voice Dynamic Omnidirectional Handheld ENG Microphone**

- Case Material: Aluminum
- Connector Type: 3-pin XLR
- Diameter (Max): 49 mm (1.93")
- Element: Dynamic
- Finish: Semi-Gloss Camera Black
- Frequency Response: 80 - 13,000 Hz
- Impedance, Low-Z balanced: 150 Ohms
- Open Circuit Voltage: 1.6 mV/Pascal
- Polar Pattern: Omnidirectional
- Power Requirement: Passive
- Height: 197 mm (7.76")

**RE-50/B • Reg. \$255.00 Your Price \$199.00**

**Electro-Voice RE20 Dynamic Cardioid Vocal / Broadcast / Voiceover Microphone**

- Designed for Broadcast, Performance & Sports Venues, Pro Music, Stadium Systems, Studio, and other applications. • Variable-D® for minimal proximity effect
- True cardioid with no coloration at 180-degrees off-axis
- Voice tailored frequency response
- Studio condenser-like performance
- Large diaphragm
- Humbucking coil
- Bass roll-off switch
- Response: 45-18,000 Hz
- Connector Type 3-pin XLR
- Diameter (Max): 2.13"

**RE20 • Reg. \$609.00 Your Price \$449.00**

**EV-RE20-BK • Black • Your Price \$449.00**

**SENNHEISER****Sennheiser MD46 Cardioid Interview & ENG Microphone**

Dynamic Handheld ENG/EFP Microphone. The MD46 cardioid interview mic focuses on the subject, increasing clarity. Designed to have low handling and wind noise, and to eliminate vocal popping, this microphone gives the ENG team an ideal interview tool.

- Optimized for rough use in live reporting environments
- Special design avoids wind and handling noise problems
- Cardioid pick-up ensures excellent speech intelligibility
- Double layer grille basket & Sturdy metal housing
- Long handle with excellent balance

**MD46 • Reg. \$249.00 Your Price \$199.95**

**Astatic 878HL-2 Omnidirectional Dynamic Push to Talk Microphone****ASTATIC**  
Commercial Audio Products

- The 878HL is a dual impedance, omnidirectional dynamic microphone offering modern styling and features in a rugged Cycolac housing for all industrial and commercial public address and paging applications.
- Operating Principle: Moving Coil Dynamic

- Polar Pattern: Omnidirectional
- Frequency Response: 80Hz - 12KHz
- Sensitivity HiZ: -43 dBV (7.2 mV) @ 1 Pa
- Sensitivity LoZ: -56 dBV (1.0 mV) @ 1 Pa

**878HL-2 • Reg. \$209.00 Your Price \$149.99**

**Shure Dynamic Cardioid Speech/Vocal/Voice-Over Broadcast Microphone**

The Shure SM7B is one of the best vocal microphones in the industry today, whether you're capturing vocals for broadcast news, radio or podcasting OR recording singers in a studio.

- Flat, wide-range frequency response for exceptionally clean and natural reproduction of both music and speech
- Bass rolloff and mid-range emphasis (presence boost) controls with graphic display of response setting
- Improved rejection of electromagnetic hum, optimized for shielding against broadband interference emitted by computer monitors
- Internal "air suspension" shock isolation virtually eliminates mechanical noise transmission
- Highly effective pop filter eliminates need for any add-on protection against explosive breath sounds, even for close-up vocals or narration
- Now shipping with the A7WS detachable windscreens, designed to reduce plosive sounds and gives a warmer tone for close-talk vocals

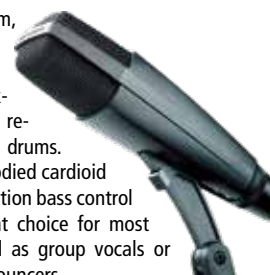
**SH-SM7B • Your Price \$399.00**

**Sennheiser MD421 II Dynamic Studio Microphone**

A large diaphragm, dynamic element handles high sound pressure levels, making it a natural for recording guitars and drums. The MD 421's full-bodied cardioid pattern and five-position bass control make it an excellent choice for most instruments, as well as group vocals or radio broadcast announcers

- Five position bass roll-off switch
- Clear sound reproduction
- Frequency Response: 30-17,000 Hz
- Dynamic, cardioid

**SENN-MD421-II • Reg. \$499.00 Your Price \$199.99**

**AT AE6100 Hypercardioid Dynamic Handheld Mic**

The Audio-Technica Artist Elite AE6100 hypercardioid dynamic vocal microphone delivers clean articulation, fast transients and high-output, assertive sound for the uncompromising vocalist. With a polar pattern tailored for outstanding on-axis response, the microphone offers maximum feedback rejection and superior anti-shock engineering for low handling noise. For ultimate protection against vocal plosives, the mic's hardened-steel outer grille is lined with fine steel mesh and a layer of open-cell foam. A foam disk positioned on top of the element assembly provides the final layer of "pop" protection.

**AE6100 • Your Price \$189.00**



## Shure MV7-K Dynamic USB & XLR Podcast Microphone



The Shure MV7 is a professional-quality USB/XLR dynamic microphone, ideal for close mic applications that require vocal intelligibility with a balanced tone. A touch panel interface on the microphone itself provides control over microphone gain, headphone level, monitor mix, and muting, and the ShurePlus MOTIV™ Desktop Application allows users to save their own presets or enable auto-gain, compression, and EQ presets for easy real-time audio processing. The attractive and durable allmetal design features an adjustable yoke that can be mounted onto a variety of microphone stands for flexible placement options.

**SH-MV7-K • Reg. \$311.00 Your Price \$249.00**

## Audix USB12 USB Desktop Condenser Microphone with Gooseneck



The Audix USB12 condenser microphone offers a direct USB output for recording directly into a computer making it the perfect mic for distance learning and high quality audio capture device for Zoom, ON24 and similar conference applications. Its desktop stand allows it to be positioned almost anywhere there is a flat surface.

The Audix USB12 is a miniaturized USB condenser microphone can also be used for recording voice and acoustic instruments directly into a computer via the USB port.

**AUD-USB12 • Your Price \$199.00**

**AUDIX**

## MXL AC-404 USB Conferencing Microphone with Auto Gain Control



The AC-404 is designed to capture crystal clear speech intelligibility for web conferencing and more with easy plug-and-play USB connectivity. Three microphone capsules in a surface-mount boundary design deliver an amazing 180 degree pickup pattern with a 25-foot range making it ideal for conference rooms, podiums, courtrooms, and connected classrooms. The low profile durable design is now available in white and black, and is designed to simply rest on any flat surface so it's both discrete and convenient for every day use. The MXL AC-404 portable conference mic uses boundary microphone technology, built-in custom circuitry, and a high quality A/D converter to produce smooth, quiet, and above all professional sounding conferences, no matter where you are.

**MXL-AC404 • Reg. \$109.95 Your Price \$74.95**

## Audio-Technica Omnidirectional Condenser Microphone



The Audio-Technica ATR4750-USB gooseneck microphone is perfect for podcasting, voice overs and video-conferencing.

- Utility USB microphone for computer applications
- Plugs into USB input on a computer, tablet, smartphone or other device
- 1.8m (6') cable is terminated with USB-C connector, and comes with USB-C to USB-A adapter
- Flexible gooseneck allows you to easily position mic

**AT-R4750-USB • Your Price \$35.00**

## Audio-Technica Cardioid Condenser USB Microphone

- Side-address condenser microphone with USB output for easy connection to your computer



- Ideal for podcasting, home studio recording, field recording, and voiceover use
- Built-in headphone jack lets you monitor directly from the microphone
- Controls on the front of the microphone allow you to easily adjust headphone volume
- High-quality A/D converter with 24-bit, up to 192 kHz sampling rate
- Compatible with Windows and Mac
- Low-mass diaphragm provides excellent frequency response
- Cardioid polar pattern reduces pickup of unwanted sounds from the sides and rear, improving isolation of desired sound source
- Low self-noise - ideally suited for digital recording
- Sturdy tripod desk stand with folding legs is easy to set up and transport
- Pivoting, threaded stand mount attaches securely to a conventional microphone stand

**AT-ATR2500X-USB • Your Price \$119.00**

## Audio-Technica Cardioid Dynamic Microphone

- Handheld dynamic microphone with USB digital output and XLR analog output
- USB output connects to your computer for digital recording, while the XLR output connects with your sound system's conventional microphone input for use in live performance



- Smooth, extended frequency response ideally suited for podcasting, home studio recording, field recording, voiceover, and on-stage use
- Built-in headphone jack allows you to directly monitor from your microphone
- Adjust headphone volume with easy-to-use controls on the bottom of the microphone
- High-quality AD converter with 16 Bit, 44.1/48 kHz sampling rate

**AT-ATR2100X-USB • Your Price \$79.00**

## Samson Q2U USB-XLR Handheld Microphone

Whether you're recording a podcast, live streaming, or hosting a video call, the Q2U has you covered. With both USB and XLR connectivity, it easily connects to any device and allows you to get started recording quickly. And with a mic clip, desktop tripod stand, windscreen, and all the necessary cables included, you'll have everything you need in one convenient package. Give your audio a boost and keep your audience engaged with the Q2U.



The Q2U dynamic capsule has a wide frequency response tailored for capturing your voice, delivers the perfect balance of low-end warmth and mid clarity. The microphone is less sensitive to background noise and other distracting sounds, making the Q2U great for recording in untreated rooms while still delivering studio-quality sound.

**SAM-Q2U • Your Price \$69.99**

**SAMSON**  
AUDIO PRODUCTS



## Sennheiser ME2-II



Small omni-directional clip-on microphone for speech and vocal applications. High

speech intelligibility. Easy attachment on any clothing. • 1 Mini jack for bodypack transmitters from evolution wireless series, AVX, SpeechLine Digital Wireless, XS Wireless • World Renowned Sennheiser Warm, Clear and Robust Broadcast Quality Sound Reproduction • Frequency response: 50 Hz - 18 kHz

**SENN-ME-2-II • Your Price \$129.95**



## Lectrosonics M152/5P Omni Lavalier Mic



High performance omni lav mic with heavily suppressed mechanical noise for critical applications. A wide, flat frequency response is augmented by a 2 or 3 dB bump in the upper octaves to add a crisper sound. Impedance: 3 k (2-6 k). Polar Pattern: Omnidirectional. Freq Range: 20 - 20,000 Hz.

**LEC-M152-5P • Reg. \$316.00**

**Your Price \$224.00**



## Countryman B3 Omni Lavalier Mic



- All-purpose, rugged, affordable lavalier that's easy to hide in clothing, hair or props
- Ideal for theater, news anchors, interviews, lecturers, churches, schools, and general lavalier applications
- Field-selectable HF response caps and extremely low handling noise

- Frequency Response: 20 Hz to 20 kHz
- Equivalent Acoustic Noise: 24 dBA

**B3W4FF05BSR • Reg. \$260.00**

**Your Price \$189.00**



## Shure TwinPlex Lavalier Microphone



Shure's TwinPlex TL47 is available with connector options for most bodypack transmitters, color options that meet numerous situational needs, and mounting choices for all professional applications. The low sensitivity can handle the most critical acoustic environments without distortion, and the 1.6 mm paintable cable stands up to the most demanding use.

**SH-TL47B-O-LEMO Reg. \$499.00**

**Your Price \$399.00**



## SONY



### Sony ECM-77B Omni-Directional Condenser Mini Lavalier Microphone with XLR

Perfect for television applications, Sony's ECM77B Omni-Directional Electret Condenser Microphone is a miniature lavalier microphone designed to be inconspicuous. This tiny mic runs on either phantom power or AA battery operation. • Ultra miniature, omnidirectional electret condenser lavalier • Inconspicuous design for film and TV production • Also works well for musical recording of violins & violas • Complete with in-line battery unit for 2-way powering • High-performance frequency response: 40 -20,000 Hz

**ECM-77B • Your Price \$329.00**

### Sony ECMVG1 Shotgun Microphone

The ECM-VG1 is a short shotgun, electret condenser-type microphone, which delivers excellent sound performance in field and studio production applications at an affordable price.

- Capsule Type: Mono Electret Condenser
- Frequency Response: 40 Hz to 20 kHz
- Directivity: Uni-directional (super-cardioid)
- Sensitivity: -33 dB  $\pm$  3 dB • Dynamic Range: 107 dB or more

**ECM-VG1 • Reg. \$260.00 Your Price \$199.00**

## SONY



## AT897 Line+Gradient Mic



Designed for video production and broadcast (ENG/EFP) audio acquisition • Short length (11") ensures Mic stays out of the shot — even when used with compact digital cameras • Smooth, natural-sounding on-axis audio quality • Excellent sound rejection from the sides and rear of Mic • Switchable low-frequency roll-off • Operates on battery or phantom power

**AT897 • Your Price \$249.00**

## AT875R Line Gradient Shotgun Mic



Designed for video production and broadcast (ENG/EFP) audio acquisition • Extremely short length (under 7") ideal for use with compact digital cameras • Provides the narrow acceptance angle desirable for long-distance sound pickup • Excellent sound rejection from the sides and rear of mic • Tailored response minimizes camera and handling noise • Operates on phantom power only

**AT875R • Your Price \$169.00**

## Sennheiser MKE 600 Precision Camera Mount Shotgun



Master even the toughest video sound challenges with a high level of directivity that ensures picks up from the camera direction while reliably attenuating unwanted sound coming from the sides and rear • Exceptional directivity Maximal rejection of side noise • Switchable low-cut filter • Phantom or battery powering • All-metal housing • Very good suppression of structure-borne noise • Supplied with foam windshield and shock mount

**SENN-MKE600 • Your Price \$329.95**

## Audio-Technica AT8035 Line + Gradient Shotgun Mic



The Audio-Technica AT8035 is a fixed-charge condenser microphone with a line + gradient polar pattern. It is designed for video production, broadcast (ENG/EFP) audio acquisition, wildlife recording and high-quality sound reinforcement. The microphone's highly directional polar pattern provides a narrow acceptance angle along with crisp, intelligible audio reproduction desirable for long-distance sound pickup and is suited for both boom & handheld use. The output of the microphone is a 3-pin XLRM-type connector. A switch permits choice of flat response or low-frequency roll-off (via integral 80Hz high-pass filter) to help control undesired ambient noise. The microphone is enclosed in a rugged housing. The microphone requires 11V to 52V phantom power or a 1.5V AA battery for operation.

**AT8035 • Your Price \$269.00**

## Sennheiser MKH 416 Super Cardioid Short Shotgun Mic



The venerable MKH 416 is a compact pressure-gradient microphone with short interference tube, highly immune to humidity due to its RF condenser design. Featuring high directivity, low self noise, high consonant articulation and feedback rejection, the MKH 416 can handle difficult exterior filming and reporting conditions without any difficulty. Supercardioid/lobe pattern, matte black finish, supplied with the MZW415 windscreen.

Many top record producers, when recording vocals, will use a dynamic mic for up close vocals and a heavily compressed shotgun mic about five feet away. It's true! The dynamic mic not only captures part of the final sound, but is also useful for giving the artist something to focus on, keeping a fairly consistent position relative to the shotgun mic.

**SENN-MKH-416 • Reg. \$1250.00 Your Price \$999.00**





## DPA 4288 CORE Directional Flex Headset Mic

**NEW!**



Combining the legendary sound of the 4088 Directional Capsule with the lightweight and DPA's flexible headset system, the 4288 Directional Headset Microphone is ideal for both spoken word and vocal performance applications.

- Lightweight and flexible • Easy mounting to the left or right • Minimal visual impact
- Resistant to humidity • Flexible adapter system fits most pro wireless systems

**4288-DC-F-F34-LH • Your Price \$1015.00**

## Point Source Audio OMNI Earworn Mic - Shure - Beige



CO-3 OMNI Earworn Microphone. Single over-ear model for basic speech applications. Includes microphone and body-clip. Beige color. Terminated for Shure.

- Wears left only.
- Handles up to 116dB SPL.
- Element: Back Electret Condenser

• Pattern: Omnidirectional • Frequency: 50 Hz - 16kHz • Sensitivity: -60dB  $\pm$  3 dB (0dB = 1V/microbar at 1kHz) • Maximum SPL: 116dB • Output Impedance: 1,500  $\Omega$   $\pm$  30% (at 1kHz)

**POI-CO-3-SH-BE • Reg. \$199.00 Your Price \$119.00**



## Shure MX393/O Omnidirectional Surface-Mount Microphone

From the technology that offered the first unidirectional surface mount mic comes the follow-up version to the popular SM91A. The MX393 is a condenser surface microphone with built-in preamp, programmable switch and LED indicator for optimum pick-up. This unit also features a detachable 10 foot XLR cable to terminate easily to professional sound systems. Three versions of this outstanding boundary mic are available in cardioid, supercardioid and omnidirectional patterns.

**MX393-O • Your Price \$287.00**

**SHURE®**

## AT U841R Omnidirectional Condenser Boundary Mic



The Audio-Technica U841R delivers exceptionally intelligible audio reproduction in a super-compact, low-profile design. Equipped with UniGuard® RFI-shielding technology, this omnidirectional condenser boundary microphone is designed for clear, highly intelligible sound quality in surface-mount applications. The phantom-powered U841R is equipped with self-contained electronics, eliminating the need for an external power module.

**AT-U841R • Your Price \$219.00**

**audio-technica**

## Voice Technologies VT500-ECO Mini Lav Kit with TA4F for Shure



The Voice Technologies VT0653 Package includes the VT500 omnidirectional miniature lavalier microphone, an alligator clip, a pro windscreen, and a slim travel case. The VT500 is a high-quality, all-purpose electret condenser microphone system suitable for performing talent in broadcast, theatre, and film. The microphone is terminated by a TA4-female connector for Shure transmitters.

- Transducer: Electret condenser • Polar Pattern: Omnidirectional • Frequency Response: 40 Hz to 20 kHz

**VT-VT0653 • Reg. \$249.99 Your Price \$199.00**

## Audio-Technica U857QL Cardioid Condenser Quick-Mount Gooseneck Microphone

The 18.94" version of the U857Q, the Audio-Technica U857QL cardioid condenser quick-mount gooseneck microphone is designed to plug directly into a panel- or desk-mounted XLR-type connector. The microphone offers unsurpassed immunity from radio frequency interference thanks to UniGuard® innovations. It features an ultra-flexible small-diameter gooseneck and accepts interchangeable elements, available in cardioid, hypercardioid, omnidirectional and UniLine® line cardioid polar patterns. Equipped with self-contained electronics, the phantom-powered microphone also offers an 80Hz low-cut UniSteep® filter that reduces pickup of low-frequency ambient noise.

**U857QL • Your Price \$219.00**



## Shure MX418D/C 18-Inch Gooseneck Mic Desktop Base & 10ft Cable - Cardioid

- Wide dynamic range and frequency response for accurate sound reproduction across the audio spectrum
- Interchangeable cartridges provide the right polar pattern for every application
- Balanced, transformerless output for increased immunity to electromagnetic hum and RF interference over long cable runs
- Shock mount provides over 20 dB isolation from surface vibration noise
- Locking flange mount for permanently securing microphone to lecterns, pulpits, or conference tables

**MX418D/C • Reg. \$478.00 Your Price \$341.00**

**SHURE®**

## Clear-Com 110/340 340mm Gooseneck Mic 13.4 Inches For HelixNet Systems



The 110 series of Gooseneck condenser microphones offer excellent frequency response and audio sensitivity. The flexible design is ideal for everyday use in both busy broadcast and live environments. This range of microphones comes supplied with a threaded 3 pin male DIN connectors and windscreens. Limited 2 Year Warranty.

**CLCM-110-340 • Your Price \$295.00**

## Telex 18 Inch Panel Mount Mic for Intercom Systems

MCP series panel mount goosenecks mics. 1/4" locking for use with TXMS2002 or TX-US2002 master & user stations. Not compatible with model MS-2001 master or US-2001 user stations.

**TX-MCP9018 • Reg. \$282.00 Your Price \$254.00**

**TELEX®**

## Shure CVB-B/O Omnidirectional - Low Profile Boundary Condenser Microphone - Attached 12-Foot Cable - Black

- Available in cardioid or omnidirectional polar patterns
- CommShield Technology that guards against unwanted RF interference from portable wireless devices (smartphones, etc.) and high resistance to intense nearby radio signals
- Available in black with attached 12' XLR cable
- Frequency response ideal for capturing fast transients in a wide variety of locations, including podiums and desktops

- Superior Shure design and rugged, dependable construction

**SH-CVB-B-O • Reg. \$160.00 Your Price \$114.00**



**SHURE®**

**Midas M32 LIVE Digital Console for Live & Studio**

The groundbreaking M32 LIVE console combines legendary Midas sound quality with advanced digital technology, future-proof floating point audio engine, extremely low-latency design and industry-leading 192 kHz ADC and DAC converters, creating a revolutionary mid-format live console.

• Live performance and studio recording digital console with up to 40 simultaneous input channels • 32 award-winning Midas PRO microphone preamplifiers • 25 time-aligned and phase-coherent mix buses • AE550 networking allows up to 96 inputs and 96 outputs

**M32LIVE • Your Price \$3999.00**

**Midas M32C Digital Rack Mixer for Installed and Live Sound**

• 40-input channel, 25-bus, 1U rackmountable digital mixing core for live and installed sound application • 25 time-aligned and phase-coherent mix buses • AE550 networking allows up to 96 inputs and 96 outputs • High-performance aluminium and high-impact steel structure • 40 bit floating point digital signal processing • 8 DCA and 6 mute groups • 8 digital signal processing effects engines • 32 x 32 channel USB 2.0 audio interface • Built-in expansion port for audio interface cards or digital networking bridges • MIDI In/Out for remote scene recall or controlling other MIDI equipment

**MIDAS-M32C • Your Price \$1199.00**

**Tascam Sonicview Digital Mixer / Live Recording Consoles**

**TASCAM**



Tascam's Sonicview series offers 24 or 16 physical input channels with motorized faders and our top-of-the-line Class 1 HDIA microphone preamps.

These multi-track recorder/mixers include a generous 44 input channels (40 mono channels and 2 stereo channels), 22 flex output buses, and the L/R main bus.

**NEW!**

Sonicview's integrated 32-in/32-out USB audio interface makes it a first-rate front end for recording and broadcast studios, as well as for capturing live events. Record your choice of channel direct outs, flex buses, and the L/R main bus to your favorite DAW at up to 96 kHz with the same 32-bit precision used throughout the Sonicview.

Includes motorized channel faders and above each bank of channel faders is a color touch panel that allows you to view entire mixer channels.

**TCM-SONICVIEW-16 • 16-Channel with Dante • Your Price \$5999.00**

**TCM-SONICVIEW-24 • 24-Channel with Dante • Your Price \$6999.00**

**Tascam 16-Channel Mixer/Recorder/Interface**

• 16-track multi-track recorder (WAV, up to 48kHz/24-bit) to SD, SDHC & SDXC cards (Class 10 or higher required)  
• Punch in/out capability (up to 8 tracks simultaneously)  
• Built-in USB Audio Interface to send/receive (16-in/14-out) audio data to/from DAW

**TASCAM**

- 14 inputs (10 Monaural XLR/TRS balanced and 2 Stereo-paired TRS balanced)
- 10 mic Pre-amps utilizing TASCAM Ultra-HDDA Mic Pre-amp technology (CH 1 - 8)
- Pre-amp Gain Controller with Signal/Over-load Indicator (CH 1 - 12)
- Input Mode switch (LIVE/USB/MTR) per input channel • 1-knob compressor (CH 1 - 8)
- 3-band EQ with a sweep-able mid-range frequency (CH 1 - 8)
- 100Hz Low-cut Filter (CH 1 - 12)

**TCM-MODEL-16 • Reg. \$1099.00 Your Price \$799.00**

**PreSonus StudioLive 32SC Subcompact 32-Channel/22-Bus Digital Console**

**PreSonus**

• The StudioLive 32SC is a compact, rack-mountable 32-channel digital mixer that can be quickly and easily scaled for 16-, 24-, and 32-channel applications. Don't let the road-ready size fool you; the StudioLive 32SC sports a dual-core PreSonus FLEX DSP Engine powering 40 mixing channels, 26 mix buses, and 286 simultaneous processors - including 4 stereo reverberation systems and Fat Channel plug-in models on every input channel and mix bus.

**PRE-SL32SC • Your Price \$1999.99**

**PreSonus StudioLive 16R 16x8 Digital Rack Mixer**

The StudioLive 16R Series III rack mixer is a perfect partner for your StudioLive Series III console/recorder, serving as either a simple stage box or a combination stage box



**PreSonus**

and monitor mixer. Since Series III rack mixers and consoles can network using AVB, you can connect your StudioLive 16R to a Series III front-of-house console with one lightweight CAT5e or CAT6 Ethernet cable, eliminating the need for a heavy, expensive copper snake-and the signal degradation that goes with long analog cable runs. You can even remote control the StudioLive 16R's preamps and phantom power from your networked Series III console.

**PRE-SL-16R • Your Price \$1399.99**

**Yamaha TF5 32-Plus-1 Fader Digital Audio Mixing Console**

The Yamaha TF5 48 input TouchFlow mixing console features a high input capacity and fader count making it a powerful large application mixer. It has 33 motor faders (32 channels + 1 master) and 20 Aux (8 mono + 6 stereo) + Stereo + Sub buses. It also has expansion capability with 1 expansion slot for a NY64-D audio interface card.



**YAMAHA**

- High input capacity and fader count makes this powerful console ideal for larger applications • 33 motor faders (32 channels + 1 master)
- 48 input mixing channels (40 mono + 2 stereo + 2 return) • 20 Aux (8 mono + 6 stereo) + Stereo + Sub buses
- 8 DCA groups with Roll-out • 32 analog XLR/TRS combo mic/line inputs + 2 analog
- RCA pin stereo line inputs • 16 analog XLR outputs
- 34 x 34 digital record/playback channels via USB 2.0 + 2 x 2 via a USB storage device

**YMH-TF5 • Your Price \$3299.99**

**QSC TOUCHMIX-8 12-Channel Digital Audio Mixer with 4-Mic & 4-Mic/Line Inputs**

QSC TOUCHMIX-8 TouchMix mixers are designed for musicians, production professionals and live performance venues that need the power and capability of a large "concert" mixing console in a compact, affordable and easy to use form. TouchMix-8 and TouchMix-16 mixers have the functionality to satisfy demanding professionals combined with a range of features and functions that help the less experienced user achieve quality results.



**QSC**

A breakthrough in innovation and digital mixer design, TouchMix is the result of a remarkable collaboration between QSC and industry icons Greg Mackie and Peter Watts (M&W Pro Audio Ltd.) TouchMix not only resets the bar for performance and value, but also redefines the user experience for both professionals and novices alike.

**QSC-TOUCHMIX-8 • Reg. \$1435.59 Your Price \$1149.99**





# GO ABOVE AND BEYOND



DIGITAL MIXING CONSOLE

## DM7



### Yamaha DM3 Digital Audio Mixing Consoles



The Yamaha DM3-D is an ultra-compact 22 Channel digital mixer sure to get you your next gig. Capable of 96kHz sample rates, the DM3 Series continues the Yamaha legacy of sonic purity, offering you the perfect canvas for mixing, recording, and streaming from a company that knows how to create music. When not on stage, DM3-D can be used as a DAW controller in the home studio. Built to make mixing easy the console encourages the engineer to focus on the music, utilizing a best in class, 9" touchscreen and a single Touch & Turn knob for managing most of the operation.



- YMH-DM3-D • with Dante • Reg. \$2815.00 **Your Price \$1999.99**
- YMH-DM3S • Standard DM3 • Reg. \$2393.00 **Your Price \$1699.99**

### Yamaha QL1 32-Input Digital Audio Mixing Console



The Yamaha QL1 Digital Audio Mixing Console is configured as a 16 + 2 fader (master) unit with 32 mono / 8 stereo mix channels. The QL1 console offers all-in-one mixing, processing, and routing capability for small to medium scale live sound, corporate speech events, installations, and much more. Core features and performance of the Yamaha QL are inherited directly from the CL series, including

sonically superb internal processing capabilities and built-in Dante networking that facilitates flexible system configuration.

- YMH-QL1 • Reg. \$9485.00 **Your Price \$8975.00**

### Yamaha High-Performance I/O Rack with 16 Analog Inputs and 8 Outputs



This Yamaha Rio1608-D2 is a high-performance I/O rack features 16 analog inputs and 8 analog outputs and is compatible with Yamaha CL and QL series consoles as well as the RIVAGE PM series. The



Rio1608-D2 connects directly to Dante digital audio networks, allowing flexible system configuration. Dual power supply units are built in for high reliability, and a character/graphic display offers easy visual confirmation. • Long-distance Dante Network Capability

- YMH-RIO1608-D2 • Reg. \$5664.00 **Your Price \$5329.99**

### Yamaha TF Series Mixers 16-Input/8-Output Dante Stagebox



Dante network protocol contributes to greater system scalability and flexibility

- Supports QUICK CONFIG Mode for TF series
- Automatic digital-stage compensation for analog gain changes (CL/QL series only)
- Features recallable D-PRE preamplifiers
- 3U size, 16 inputs and 8 outputs.

- YMH-TIO1608-D • Reg. \$1500.00 **Your Price \$1249.99**

### Yamaha DM7 Digital Audio Mixing Consoles



DM7 series mixing consoles represent a sizable step forward in this evolution of form, functionality, and flexibility with their intuitive UI, compact design, and comprehensive suite of powerful features that allow them to outperform other mixers in their class in an impressive range of audio environments. From broadcasting, streaming, and music production, to live hybrid events and concert performances, the advanced capabilities of the DM7 series set a new standard in operability and workflow while simultaneously staying true to Yamaha's sonic tradition of "natural sound". As the times continue to change, your DM7 will keep you ahead of the curve with a user experience that's a cut above anything in its class, and sonic performance well beyond the expectations of audiences and engineers alike.

The DM7 series is an innovative digital mixer lineup that not only guarantees unparalleled sound quality, ease of operation, and high reliability to connect engineers, artists, and audiences, but is also highly scalable and flexible enough to adapt according to application. A DM7 setup can take on a variety of configurations depending on the engineer's preferences and can support a wide range of sonic environments.

- YMH-DM7C • 72 Channel • Reg. \$18000.00 **Your Price \$14999.99**
- YMH-DM7 • 120 Channel • Reg. \$36000.00 **Your Price \$29999.99**

### Yamaha CL1 48-Input Digital Audio Mixing Console

The Yamaha CL1 Digital Audio Mixing Console has dual 8-fader sections in a space-saving console that can be used alone or cascaded to another CL console for input expansion. It has 48 mono / 8 stereo input channels and an 8-fader left section, 8-fader Centralogic section and 2-fader master section configuration.



- Input channels: 48 mono • 8 stereo • Fader configuration: 8-fader left section
- 8-fader Centralogic section • 2-fader master section • Meter bridge optional

- YMH-CL1 • Reg. \$16778.00 **Your Price \$15299.00**

### Yamaha TF1 16-Input Digital Audio Mixing Console

The Yamaha TF1 40 input TouchFlow mixing console is a compact, portable, and even rack mountable mixer with impressive capability and versatility for smaller systems. It has 17 motor faders (16 channels + 1 master) and 20 Aux (8 mono + 6 stereo) + Stereo + Sub buses. It also has expansion capability with 1 expansion slot for a NY64-D audio interface card. With the TouchFlow Operation interface optimized for touch panel control, experienced engineers as well as newcomers to the field will find it easier than ever to achieve the ideal mix.



- YMH-TF1 • Reg. \$2585.00 **Your Price \$2199.99**

## ALLEN &amp; HEATH

**Allen & Heath 96kHz 48 Channel 36 Bus Digital Mixers with 7" Touchscreen**

With each new design, the Allen & Heath team strives to get closer to the ultimate mixing experience. SQ's dashboard is centered around a high-res 7" capacitive touchscreen, framed by an array of high-grip, illuminating encoders to create an intuitive, integrated blend of clear visual feedback and immediate, hands-on control. Channels and mixes can be dragged and dropped to any strip, with custom naming and colour coding on the colour strip displays, allowing you to build a mixing environment that mirrors your own workflow.

**AH-SQ-5** • 17 Faders / 6 Layers • Reg. \$4999.00 **Your Price \$3999.00**

**AH-SQ-6** • 25 Faders / 6 Layers • Reg. \$6499.00 **Your Price \$5199.00**

## ALLEN &amp; HEATH

**Allen & Heath SQ-7 33 Fader 48 Channel Digital Mixing Console**

Powered by Allen & Heath's revolutionary XCVI 96kHz FPGA engine, SQ-7 is built for professionals in demanding live sound, recording and streaming applications. Delivering class-leading high-resolution audio with an ultra-low <0.7ms latency, the SQ-7 gives you unrivalled power and audio fidelity. SQ comes equipped with all the processing you need to craft the perfect mix.

Every input has HPF, a super-fast gate with sidechain and filter, a musical 4-band parametric equaliser, and Peak/RMS compressor for control and shaping of levels and transients.

Mixes have both a parametric and 28 band graphic EQ along with compressor as standard, all ready to switch in when required.

**AH-SQ-7** • Reg. \$8199.00 **Your Price \$6599.00**

**Allen & Heath QU-16C 16 Channel Rackmountable Digital Mixer**

Now in a feature-packed new Chrome Edition, Qu-16 reshapes digital mixing with innovative design and exceptional functionality combining to create a superb professional mixing experience. Bristling with all the features you'd expect from a top of the range digital console and incorporating technologies pioneered on our GLD and iLive digital mixing systems, Qu-16 has the power and pedigree to deliver class-leading audio performance.

Hot new features in Qu V1.8 firmware (coming in mid-October) include Automatic Mic Mixing and a Spectrogram for feedback-hunting. Qu Chrome Edition models also feature upgraded, high contrast metallic finish controls. Whether you're switching from analogue or updating your digital desk, it's time to experience the new digital with Qu-16.

**AH-QU-16C** • Reg. \$2999.99 **Your Price \$2399.99**

**Allen & Heath SQ-SLINK-A SLink Audio Interface Module**

## ALLEN &amp; HEATH

The Allen & Heath SQ SLink is a digital audio module for SQ series mixers, allowing for the digital connection to a variety of Allen & Heath products including dSnake, DX, GigaAce, and ME systems. The card duplicates the internal SLink port, but runs independently, allowing for up to 128x128 channels to be routed in or out. The SQ SLink card can be switched between 96 or 48 kHz to accommodate both sample rates.

**AH-M-SQ-SLINK-A** • Reg. \$399.99 **Your Price \$299.99**

**Allen & Heath AVANTIS 96kHz 64 Channel Digital Mixer 42 Bus - Dual Full HD Touchscreens**

The third mixer based on Allen & Heath's 96kHz XCVI FPGA engine, Avantis puts all our next-generation technology in a 64 channel / 42 configurable bus console, with dual Full HD touchscreens, a super-flexible workflow with Continuity UI, extensive I/O options, add-on processing from our flagship dLive mixing system, and a rugged full metal chassis.



ALLEN &amp; HEATH

- 96kHz 64 channel / 42 bus digital mixer
- XCVI FPGA core with ultra-low latency (0.7ms)
- Fully configurable mix bus architecture
- Super-tough, full metal chassis
- 12 RackExtra FX slots with dedicated stereo returns
- 16 DCAs
- Dual 15.6" Full HD capacitive touchscreens with gesture control
- AMM (Automatic Mic Mixer) up to 64 channels across 1, 2 or 4 zones
- Fully assignable layout

**AH-AVANTIS** • Reg. \$14999.00 **Your Price \$13499.00**

**Allen & Heath 16x16 Audio Matrix Processor**

Allen & Heath AHM-16 is an audio matrix processor for sound management and installation. It is designed for audio distribution, paging, conferencing and speaker processing in a multitude of environments including corporate, hospitality, education, event and multi-purpose venues, retail, theaters, cruise ships and sports venues. The AHM-16 processor is complemented by an extended ecosystem of remote audio expanders, remote controllers, interfaces, apps and software.



ALLEN &amp; HEATH

**AH-AHM-16** • Reg. \$1199.00 **Your Price \$1199.00**

**Allen & Heath AH-DT168 16x8 Stagebox with Dante Audio Expander**

Allen & Heath DT168 provides 16 microphone preamps and 8 line outputs in a convenient stagebox form factor. Ideal for portable applications thanks to its rubber bumpers and handle, it can be deployed on stage or used as a drop-in expander in any SQ, Avantis or dLive Dante network.



ALLEN &amp; HEATH

- DT168 offers the acclaimed Allen & Heath preamps, complete with 96kHz converters for best-in-class sound quality over Dante, plus Primary and Secondary ports for daisy-chain or redundancy through secure EtherCon connectors.
- Dante audio expander, 96kHz / 48kHz
- Portable stagebox design
- 16 mic preamps on XLR with Phantom Power status LEDs
- 8 XLR Line Outs

**AH-DT168** • Reg. \$3199.00 **Your Price \$2599.00**

**Allen & Heath 64 x 64 SQ Dante Card - 96kHz / 48kHz**

- 64x64 channel audio and control over a network
- 96kHz or 48kHz operation
- Multichannel recording / playback using Dante Virtual Soundcard\*
- Two ports with redundant and switch modes
- Internal Control Network Bridge
- Locking Ethercon connectors
- Dante Domain Manager ready
- AES67 compatible



ALLEN &amp; HEATH

**AH-M-SQ-SDANTE-A** • Reg. \$1399.00 **Your Price \$1099.00**





The logo consists of the letters 'SQ' in a stylized, white, sans-serif font. The 'Q' has a unique design with a small gap in the bottom loop.

# SQ

A large, professional-grade digital mixing console with a black and silver finish. It features numerous faders, knobs, and buttons, with a large array of inputs on the left side. The 'ALLEN & HEATH' logo is visible on the right side of the console.

# Mix Fast. Not Furious.



**SQ-5, SQ-6 and SQ-7.**

**48 channel, 96kHz consoles with sub-0.7ms latency and the fastest, most intuitive workflow around.**

**Fully expandable with Dante, MADI, SLink and Waves cards.**

**ALLEN & HEATH**



**Shure SCM268 4-Channel Microphone Mixer**

The SCM268 features six transformers inside: four transformer balanced XLR microphone-level inputs, one transformer balanced XLR mic/line output, and one internal low stray field, toroidal power transformer.

- Five unbalanced aux level inputs (Phono connectors) • LED peak output meter • One unbalanced aux level output (Phono connector) • IEC power cord connector • 12V phantom power for condenser microphones

**SCM268 • Reg. \$478.00 Your Price \$341.00**

**Shure SCM810 8-Channel Microphone Mixer / AutoMixer**

The Shure Model SCM810 is an automatic microphone mixer using Shure's patented IntelliMix operational concept. Intellimix activates only those microphones being addressed, minimizing the poor audio caused by multiple open microphones. The SCM810 is an eight-channel mixer capable of being linked for installations as large as 400 input channels. The single-rack-height chassis is ideal for installations with limited rack space. The removable header-type input and output connectors are quick, convenient, and eliminate the time and expense of wiring XLR microphone connectors.

**SCM810 • Reg. \$2384.00 Your Price \$1703.00**

**Tascam MZ-123BT Zone Mixer with Bluetooth**

- Input Channel sources can be easily assigned to each of the individual 3 Zone Outputs
- MONO/STEREO select switch on each Output Channel

**TASCAM®**



• Euroblock connectors provide seamless connection and configuration in fixed installations • 3 Input Channels

- 2 MIC inputs for announcements or Talk Over

- 3 band EQ and High Pass Filter for adjusting Input Channel signal tone and quality

**TCM-MZ-123BT • Reg. \$799.00 Your Price \$599.00**

**RDL EZ-MX4L 4x1 Stereo Line-Level Audio Mixer**

Four Channel Line-Level Audio Mixer • The EZ series offers unparalleled flexibility • Installation of multiple products is quick and easy • Three Unbalanced Line Inputs on RCA Jacks • One Line Input on MINI or RCA Jacks • Unbalanced Output on MINI or RCA Jacks • Dual-LED VU Meter for Each Channel • Headroom Accommodates High Input Level • Exceptional Headroom for • Audio VU Metering Facilitates Adjustment

**EZ-MX4L • Reg. \$275.82 Your Price \$189.58**

**Blustream AD11AU Analog Audio Delay Processor with Volume Control**

The Blustream AD11AU has been designed to help correct audio delays incurred when separating audio and video signals in an AV system.

- In-line 2ch analogue audio delay with line-level volume control • Supports 48KHz / 24 bit sample rates • Selectable audio delay from 50-1,000ms • 0-500ms in steps of 50ms • 500-1,000ms in step of 100ms • Adjustable line level volume control

**BLU-AD11AU • Your Price \$167.00**

**Rolls RM169 6 Channel 1RU Mixer with Bluetooth**

The ROLLS RM169 is a six channel Professional 1RU audio mixer with Bluetooth input. Two microphone inputs, and four stereo line RCA inputs, the RM169 is ideal for any installation where space is a consideration, without compromising audio quality. The Bluetooth input has extended range and exceptional audio quality. RCA and XLR balanced outputs jacks make the RM169 perfect for any application.



**ROLLS**

Bluetooth™



**RLS-RM169 • Reg. \$279.00 Your Price \$219.00**

**Rolls MX401 Stereo Four Channel XLR Stereo Microphone or Line Mixer**

- Four balanced XLR Inputs
- Two balanced XLR Outputs
- Switchable Output Level (Line level, or mic)
- Switchable Phantom Power for each input
- Level controls for each channel • 3.5mm Stereo Output
- Rolls PS27s 15 VDC external power supply included
- Powered by two 9 volt batteries or the included power supply



**ROLLS**

**RLS-MX401 • Reg. \$305.00 Your Price \$299.00**

**Rolls MX410 4 Channel Field Mixer with LED Meters**

The Rolls MX410 is a four channel, microphone mixer with balanced XLR inputs and outputs. The unit is ideal for the broadcast and video markets. It has the same features of other ENG portable mixers without the extremely high price.

- Four balanced XLR Inputs.
- Two transformer-balanced XLR Outputs • Switchable Output Level (Line level, or mic)
- Switchable Phantom Power for each input. • Level controls for each channel.
- 3.5mm Headphone Output and Level control.



**ROLLS**

**MX410 • Reg. \$359.00 Your Price \$289.00**

**Rolls MX153 MixMate 1/2RU 2 Mic & 3 Stereo Source Mixer w/PS27**

The Rolls MX153 is a one-half rack space, two microphone and three stereo source mixer. The unit provides a compact and efficient way to mix sources such as AM/FM tuners, CD players, and video players with dynamic or condenser microphones. Applications include background music and paging for small clubs, churches, schools, restaurants, etc. Each microphone channel has a Level and Tone control. Sources One and Two have Level adjustments and pass through combined Bass and Treble controls. Source Three has a Level adjustment only. The Microphone inputs are balanced XLR jacks, all Source inputs are stereo RCA. The main output is stereo RCA. 12VAC adapter included.



**ROLLS**

**MX153 • Reg. \$219.00 Your Price \$179.00**

**Studio Technologies 742A Audio Mixer**

**STUDIO TECHNOLOGIES INC.**



- Four mic/line and four line-only inputs • Setup oscillator with dedicated output
- Studio-quality compressors • Internal power supply • Flexible monitor section
- 10-segment LED meters • AC mains and DC powering • +48 volt phantom power
- All operator controls on front panel • Single rack-space mounting

**ST-742A • Reg. \$1250.00 Your Price \$1199.00**



## Alto Professional TrueMix 800FX Portable Compact 8-Channel Analog Mixer



headphone out

- Dedicated bluetooth channel with mix-minus return for feedback-free phone pairing
- Four headphone outputs with independent volume control
- 16 built-in Alesis multi-fx with dedicated return channel
- 1/4" Main, Tape, and AUX outputs
- Four mic input channels with phantom power and balanced line inputs
- Two stereo input channels with balanced 1/4" TRS jacks
- Two-band EQ on all channels
- 2-track inputs w/ assignable routing: main mix or

**ALT-TRUEMIX800FX • Your Price \$189.00**

## Mackie Mix8 Affordable 8-Channel Compact Audio Mixer



The Mix8 8-channel compact mixer is reliably rugged, with the proven sound quality and straightforward feature set you expect from Mackie, the leader in compact mixer design. Mackie Mix Compact Mixers deliver the quality you expect from the world leader in compact mixer design. The professional and affordable Mix Series mixers feature high quality components, a rugged metal chassis and features designed for a variety of applications.

**MCK-MIX8 • Your Price \$99.99**

## Mackie VLZ 4 Series Mixers



Ultra-low noise compact mixers with highest possible headroom

- Studio-grade XDR2 Extended Dynamic Range Mic preamps with 60dB gain range and 130dB dynamic range
- +22dBu line input handling
- Extended low frequency response
- Distortion under 0.0007% (20Hz 20kHz)

Phantom power for studio condenser mics

- 12 high-headroom line inputs
- Advanced DC pulse transformer RF rejection
- 2 Aux sends, level, pan and PFL solo on each channel
- 2 stereo
- Aux returns + EFX to Monitor
- 3-band Active EQ (80Hz, 2.5kHz, 12kHz)
- 18dB/oct. 75Hz Lo-Cut filter on Mic input channels
- ALT 3/4 stereo bus for added versatility
- Control Room/Phones source matrix

Rack-mountable design using optional rack ears

**MCK-402VLZ4 • 4-Channel, 2 Mic Preamps • Your Price \$129.99**

**MCK-802VLZ4 • 8-Channel, 3 Mic Preamps • Your Price \$219.99**

**MCK-1202VLZ4 • 12-Channel, 4 Mic Preamps • Your Price \$329.99**

**MCK-1402VLZ4 • 14-Channel, 6 Mic Preamps, 60mm Faders • Your Price \$449.99**

## Mackie ProFX v3 Series Mixers



ProFXv3 mixers take the best-selling series to the next level for live mixing, recording, and content creation. Now with Onyx mic preamps, 2x4 192kHz recording, GigFX effects engine, and a new modern design.

- Onyx mic preamps that offer 60db of headroom, 24 built-in FX, and more
- Record your tracks in

24-Bit/192kHz quality with 2x4 USB I/O and zero-latency hardware monitoring

- Both Pro Tools | First and Waveform OEM recording software/plugin-in packages are included

**MCK-PROFX6V3 • 6-Channel • Your Price \$189.99**

**MCK-PROFX10V3 • 10-Channel • Your Price \$269.99**

**MCK-PROFX12V3 • 12-Channel • Your Price \$359.99**

## ART MX524 3RU Five Channel/Four Zone Mic/Line Audio Mixer - Balanced Mic/Line XLR / RCA / Euroblock

The ART MX524 Five Channel Four Zone Mic/Line Mixer is a versatile rack mount mixer that combines Five independent input channels and routes them to four zone outputs. Channels one thru four accept a balanced Line or Mic signal thru the Combo jack connector. CH5 accepts a line level signal through RCA jacks. The unit has an independent selectable +48 Volt phantom power function for channels one thru four.



- Five input channels with individual level controls using XLR/Phono jacks with master level, bass and treble controls
- Balanced Mic/Line XLR inputs for channels one thru four
- Full +48V low-noise phantom power for channels one thru four mic inputs
- Front panel 1/8-inch stereo (TRS) mini-phone plug for Headphone monitoring
- Four sets of Euro Bloc connectors for the Zone outputs
- Telephone paging function
- DC power back up
- Separate monitor outputs
- LED VU meter on all outputs
- Rear mount RCA Line inputs for additional audio inputs
- Rugged 3RU rack-mount steel chassis with built-in power supply
- Perfect for stage, studio and permanent installations

**ART-MX524 • Your Price \$369.99**

## Yamaha MGXU Series Mixers

XU models of the MG Series come equipped with a suite



of Yamaha's renowned SPX effects. With an intuitive, easy-to-use interface, the MG Series boasts an extensive lineup of compact mixing consoles with models ranging from six to twenty channels, suitable for a diverse range of users and applications. For installed, recording, or live music settings, the solid construction and flexible design of these consoles lets you shape your sound with confidence, continually delivering peak performance and a level of sound quality and reliability unrivaled in its class. "D-PRE" mic preamps with an inverted Darlington circuit



**YMH-MG10XU • 10-Channel • Your Price \$267.99**

**YMH-MG12XU • 12-Channel • Your Price \$397.99**

**YMH-MG16XU • 16-Channel • Your Price \$624.99**

## Yamaha MG06X 6 Input Stereo Mixer

Features: 6-Channel Mixing Console

- Max. 2 Mic / 6 Line Inputs (2 mono + 2 stereo)
- 1 Stereo Bus
- "D-PRE" mic preamps with an inverted Darlington circuit
- High-grade effects: SPX with 6 programs
- XLR balanced outputs
- PAD switch on mono inputs
- +48V phantom power
- Metal chassis



**YMH-MG06X • Reg. \$224.00 Your Price \$169.99**

## RDL RU-MX5ML 5 Channel Mic/Line Audio Mixer with Phantom Power

The RU-MX5ML is the ideal choice in many applications where a combination of balanced mic and/or balanced or unbalanced line-level signals needs to be mixed with the ability for additional expansion. All connections are made using detachable terminal blocks on the rear panel. Four of the RU-MX5ML inputs can accept either mic or line inputs. The fifth input is for line level sources.



**RU-MX5ML • Reg. \$475.97 Your Price \$329.95**







## Stewart Audio AV-25-2 2-Channel Subcompact Amp - 25W x 2 at 8 Ohm



- Sub Compact 1/4 rack package
- Two channel amplifier, optimized to drive 4 Ohm and 8 Ohm loads
- Music and fire alarm muting • Clean full-range dynamic power
- Signal Detect trigger for sleep & wake up
- Multiple mounting options

• External inline power supply • Made in the USA

### Stewart Audio AV-25-2 Applications:

Boardrooms & classrooms | AV projection systems | Lecterns and Podiums | Plenum applications, UL 2043 rated | Pole mounting option | Fixed installations with amplifiers located in listening environment | Applications where traditional amplifiers won't fit | Behind flat screen televisions

AV25-2 • Reg. \$275.00 **Your Price \$234.00**

### Art SLA Studio Linear Amplifiers



Robust yet compact power amplifier designed for studio and even live applications. It has been designed and engineered to provide clean, quiet power and excellent sound with ultra-low noise and distortion. • 100 watts rms/channel @ 8 ohms (130 watts rms/channel @ 4 ohms and 260 Watts/ Bridged Mono @ 8 ohms) • Input impedance of 22k ohm unbalanced (44k ohm balanced) • XLR & 1/4" I/Os • Ground Lift Switch, Fan Cooled Design, Power, Clip, Signal and Protect LEDs • IU rack Space • Frequency response of 10 Hz to 40 kHz within 1dB • Silent SmartFan cooling and custom convection heat radiating fins • Ideal for professional, project and home studios • 3 Year Warranty

ART-SLA1 • 100 watts rms/channel @ 8 ohms • **Your Price \$299.99**

ART-SLA2 • 200 watts rms/channel @ 8 ohms • **Your Price \$449.99**



## Crown DCI 2/1250 2-Channel 1250 Watt at 4-Ohm Audio Power Amplifier



The new DriveCore Install series amplifiers is a complete line of high performance installation ampli-

ers based on the proprietary DriveCore technology. DCI Series amplifiers are designed, engineered and manufactured to the industry's highest quality standards, and provide system integrators with the advanced features and flexibility required for challenging 21st century installed sound applications. Versatile, compact and highly energy-efficient, DCI Series amplifiers continue the unbroken Crown tradition of leadership in professional and commercial power amplifier technology.

CROWN-DCI21250 • **Your Price \$3560.00**

## Atlas Dual-Channel 600-Watt Commercial Power Amplifier 70V



The AtlasIED High Power Amplifier "HPA602" Series is designed for use in both commercial 70V/100V distributed systems and professional applications that require amplifiers to handle multiple impedance loads. The HPA is compact and lightweight in comparison to other models delivering similar power levels. The HPA Series features Generation II Class D Output topology that provides great efficiency with the sound quality of a Class AB amplifier. The power supply is a switch mode, global auto sensing design that maintains a stable output during fluctuating power conditions. The power supply and output stage collectively are designed to deliver exceptional dynamic high output voltage and current to virtually any speaker load.

ATL-HPA602 • Reg. \$1396.99 **Your Price \$1118.99**

## LEA DANTE Connect Series Power Amplifiers

The DANTE CONNECTSERIES is perfectly suited for small to medium scale installations, these two, four, and eight channel amps feature direct HiZ (70V or 100V) or LoZ selectable by channel. With three ways to connect, you can engage the built in WiFi access point, connect to the venue's WiFi, or use the FAST Ethernet to connect to any local area network via Cat5 or Cat6 cable. DANTE CONNECTSERIES is the first professional amplifier family to feature Cloud connectivity for remote control, monitoring, notifications and more from any of your personal devices.



**LEA-CONNECT-354D** • 4 Channel 350watt 4ohm 8ohm 70V and 100V Class D Power Amp with DSP DANTE and Ethernet • **Your Price \$3398.00**

**LEA-CONNECT-704D** • 4 Channel 700watt 4ohm 8ohm 70V and 100V Class D Power Amp with DSP DANTE and Ethernet • **Your Price \$4180.00**

**LEA-CONNECT-168D** • 8 Channel 160watt 4ohm 8ohm 70V and 100V Class D Power Amp with DSP DANTE and Ethernet • **Your Price \$4380.00**

## QSC SPA2-60 60W 2 Channel ENERGY STAR Amplifier

The SPA Series amplifiers from QSC are two half rack 1U, convection cooled power amplifiers delivering two



or four channels of 60 watts per channel into 4Ω and 8Ω. These amps can also be bridged to supply 200 watts into 4Ω and 8Ω, and up to 250 watts into 70V or 100V loads making them extremely flexible for Low-Z or High-Z applications. Utilizing an advanced Class-D amplifier design and Universal Power Supply the SPA Series are amazingly efficient allowing them to be convection cooled and are ENERGY STAR® qualified with quiet auto-ramp standby functionality. The SPA2-60 and are housed in an unobtrusive black painted 1/2 RU chassis with unique mounting hardware enabling rack, table and wall mounting capabilities.

QSC-SPA2-60 • **Your Price \$705.00**

## Ashly SRA-4075 4-Channel Power Amplifier

Specifying the right power amp is often easier than finding it. Ashly's SRA-Series makes it a snap to get exactly what you need. The SRA-Series utilizes



state of the art technology to create advanced, efficient amplifiers perfect for installations with modest power requirements. Four models are available in two and four channel configurations with power ratings of 75W and 150W per channel.

SRA-Series of amplifiers are housed in a compact 1RU chassis weighing 10 lbs. or less and are designed to drive four or eight ohm loads. The 150W models are capable of driving 25V constant voltage lines directly. Switch mode power supplies and Class-D amplifier circuitry provide an extremely power efficient solution.

ASH-SRA-4075 • Reg. \$1199.00 **Your Price \$949.00**

## Rolls RA163 8 Channel XLR Distribution Amp with Channel Attenuation



The Rolls RA163 is an eight channel distribution amp. It has independent volume attenuation for each channel, and 1X8(mono) or 2X4(stereo) compatibility. Balanced XLR jacks for all inputs and outputs. The RA163 also has volume knobs on the front panel and access to the stereo/mono switch.



RA163 • Reg. \$229.00 **Your Price \$189.00**



## JBL LCT 81C/T Lay-In 2 ft x 2 ft Ceiling Tile Loudspeaker

**NEW!**

**JBL**

The JBL LCT 81C/T is a full-range ceiling speaker designed to lay into a 2 ft x 2 ft US-style suspended grid ceiling, with no cutting of ceiling tiles required, making for an easy and cost-effective installation with a minimum of mess. The low profile depth of only 100 mm (4 in) allows the speaker to fit in locations where deeper loudspeakers do not.

The very high sensitivity of 96 dB provides maximum sound level, even at low tap settings. LCT 81C/T contains a 200 mm (8 in) dual-cone driver with a very high 96 dB sensitivity. The driver features a 25 mm (1 in) diameter voice coil with a Kapton coil-former and high-temperature wire for better power dissipation and long-term reliability. The speaker's built-in 10 Watt transformer provides versatility by allowing use on 100V or 70V distributed loudspeaker lines, as well as at 8 ohms (low impedance) for driving directly from a low impedance power amplifier.

**JBL-LCT-81C-T • Reg. \$323.82 Your Price \$266.00**

## JBL Control 25AV Indoor/Outdoor Background/Foreground Loudspeakers

- Video Shielded for use Near Video Monitors
- Extremely Smooth Frequency Response
- Stainless Steel Grill for Harsh Environments.
- 60W Transformer for 70 V or 100 V Lines, with 8 ohms Thru
- SonicGuardT Overload Protection.
- 130 mm (5.25 in) Polypropylene Coated Woofer, 10 mm (.75 in) Titanium Coated Horn-Loaded Tweeter
- Includes InvisiBallr Mounting Hardware and Sealed Input Panel Cover

**JBL**

- Screw-Down Input Terminals.
- 100° x 100° High Frequency Horn
- White or black (-BK)

**JBL-CTL25AV • Black, Pair • Reg. \$541.62 Your Price \$452.00**

**JBL-CTL25AV-WH • White, Pair • Reg. \$541.62 Your Price \$452.00**

## Atlas FAP62T Strategy II 6in Coax Tuned & Ported Ceiling System

Atlas FAP62T coaxial ceiling speaker package will satisfy the needs of owners, architects, contractors, and consultants by delivering true, high fidelity sound reproduction in an attractive and easy-to-install system. Enhanced quality 70.7V/100V internal transformers with taps for 2, 4, 8, 16, & 32 Watts & 8Ω Bypass. 4 Pole detachable "phoenix" style connector. 50 Watts.

**Atlas IED**

**ATL-FAP62T-WE • Reg. \$86.99 Your Price \$71.99**

## Atlas M1000 8 Inch Masking Speaker System

The new Atlas Sound M1000 masking speaker assembly is designed to accurately reproduce the needed spectrum of masking sound into the plenum space. The innovative 734 in3 square enclosure ensures ample low frequency response. A specially designed 8" dual cone loudspeaker is included in the package. A high efficiency 70.7V internal transformer is coupled to an external selector switch for easy system tuning. For more precise adjustments, an off switch and a wide selection of watt-age taps ranging from .25 watts to 4 watts are provided.

**Atlas IED**

**M1000 • Reg. \$86.99 Your Price \$71.99**

## Martin Audio C8.1T 2 Way 8 Inch Vented Ceiling Speaker - PAIR

**HOT!**

**M**  
MARTIN AUDIO  
LONDON

Two-way high performance flush mounting ceiling speaker • 8" (200mm) UL94V-0 carbon fiber loaded polypropylene cone bass • Wide dispersion - 90° conical up to 7kHz • High & low impedance operation - transformer included • 110dB max SPL @ 1 meter (16 ohm) • 125 watt power handling (60W through transformer) • Polyswitch and thermal fuse protected • Steel backcan • UL2043 & UL1480

**MRTN-C8-1T • Your Price \$700.00**

## QSC 6.5 InTwo-Way Surface Speakers 70/100V Transformer with 80hm Bypass & 130 Degree Conical Coverage

The QSC Acoustic Coverage Series AC-S6T is a surface mounted 6.5" two-way loudspeaker with 70/100V transformer, suitable for a wide variety of audio/video conferencing reinforcement, voice paging and background music applications. Acoustic Coverage Series is designed to offer integrators a cost effective solution for applications where voice reinforced coverage is of primary concern, while providing improved musicality often not seen in typical BGM class products.

**QSC-AC-S6T-BK • Black • Your Price \$329.95**

## TOA H-1 2 Way Cylindrical Wall or Ceiling Mount 12W 70/100V Paintable Speaker

The unique, stylish appearance and superb sound quality of the three new models, the H-1, H-2 and H-2WP, provide a welcome alternative to conventional wall-and ceiling-mount speakers. Applications include speaker systems for houses of worship, hotels, offices, museums, restaurants, retail stores, residential spaces and many others. The H-2WP is a weather-proof version of the H-2 for outdoor wall-mount applications such as terraces, gardens, patios and more.

**TOA-H1 • Reg. \$214.30 Your Price \$173.20**



## Pure Resonance Audio C3 3 Inch Micro Ceiling Speaker

The Pure Resonance Audio C3 3" micro ceiling speaker features an 8 Ohm and 70 Volt tap, as well as a power tap transformer switch which allows for selectable inputs of 8 Ohm or 70V/100V applications. It is designed with multiple mounting options that provide amazing multi-functionality. The C3 can be installed as a traditional ceiling speaker with the included easy-mounting ring, as a pendant speaker or drywall mounted speaker (mounts sold separately).

**PRA-C3 • Reg. \$83.99 Your Price \$69.99**



## Anchor AN-30 Speaker Monitor Contractor Package with Wall Mount Bracket & AC Adapter

The AN-30CP speaker is the smallest system in the Anchor Audio line of products and offers a lot of sound in such a small cube. With 30 watts of rated power output, the AN-30 can cover a typical sized conference room or classroom with ease. The AN-30 is so lightweight at under two pounds that it mounts to a wall or ceiling bracket quite effortlessly. Combine an AN-30 with a projector in a classroom for the perfect audio visual solution.

**AN-30CP • Reg. \$219.00 Your Price \$219.00**





**JBL SRX906LA Dual 6.5-inch Powered Line 2-way Array Loudspeaker - 120-degree**

The JBL SRX906LA is a compact, two-way, active line array element that can cover a variety of small to midsize applications, including rental houses, touring artists, DJs, and installations. Built-in DSP and amplification offer a plug and play experience while providing consistency and optimum performance anywhere in the world. JBL transducers and a new acoustic design provide excellent sound fidelity and best-in-class maximum SPL. Dual 6.5-inch neodymium Differential Driver woofers and a 3-inch compression driver.



JBL

**JBL-SRX906LA • Your Price \$2199.00****JBL SRX Two-Way Full Range PA Speakers**

JBL

The SRX features premium JBL Transducers. High frequencies are handled by an annular polymer diaphragm compression driver that features a best in class 3" voice coil coupled to a 1.5" throat opening. Using a neodymium magnet, the compression driver is lightweight, efficient, and extremely powerful. This delivers very high power levels with reduced distortion and increased phase coherence resulting in smooth, crystal clear high frequencies. For Low Frequencies, the SRX815 uses a 15-inch woofer with JBL's patented Differential Drive Technology for reduced weight while maximizing power amp efficiency. 3" voice coils and dual ferrite drivers deliver

exceptionally low distortion and extended low frequency response.

**JBL-SRX815 • 15-Inch Woofer, 2-Way • Reg. \$1649.07 Your Price \$1379.00****JBL-SRX812 • 12-Inch Woofer, 2-Way • Reg. \$1491.87 Your Price \$1199.00****JBL-SRX835 • 15-Inch Woofer, 3-Way • Reg. \$2120.68 Your Price \$1699.00****Electro-Voice ZLX-12BT-US 12 Inch Two-Way Powered Loudspeaker with Bluetooth**

EV Electro-Voice

The Electro-Voice ZLX-12BT Powered Loudspeaker System now with Bluetooth® enabled wireless audio streaming, the legendary ZLX performance becomes even more convenient with the ability to connect to any mobile device for streaming your music library. QuickSmartDSP features best-in-class processing. Easy setup via four presets, sub/top system-match, two-band EQ, five user-programmable presets, visual monitoring of limiter status, input level control and meters, and master volume control to optimize gain structure, all via LCD. High-efficiency 1000 W Class-D power amplifier delivers up to 126 dB peak SPL utilizing transducers designed and engineered by EV.

**EV-ZLX-12BT-US • Reg. \$988.00 Your Price \$549.00****Mackie THUMP GO 8 Inch Portable Battery-Powered Loudspeaker**

MACKIE

The take-it-anywhere, Bluetooth® equipped, ultra-flexible, battery-powered loudspeaker. Built to make your life a whole lot easier, Thump GO offers lightning-fast setup and simple-yet-powerful sound processing, plus flexible inputs, Bluetooth® streaming, and wireless control via the Thump Connect 2 app. Most importantly, Thump GO will amplify the real you with clear, punchy, and accurate sound wherever you call your stage. Take the performance of the renowned Thump Series anywhere, with the Thump GO Portable Battery-Powered Loudspeaker.

**MCK-THUMP-GO • Reg. \$449.99 Your Price \$449.99****Yamaha VXL1W-8 8 Full Range Line Source Loudspeaker**

VXL series line source loudspeakers offer a unique combination of outstanding sound quality and slim form-factor that is ideal for a variety of environments. VXL line source loudspeakers offer excellent projection as well as uniform volume and sound quality over a wide listening area



YAMAHA

- 1.5 inch (3.75 cm) full-range loudspeaker units with neodymium magnets • 170° horizontal and 40° vertical dispersion for uniform SPL over a wide area • Slim design complements any interior décor • Enclosures can be painted to match surroundings • Wall mount bracket supplied

**YMH-VXL1W-8 • Reg. \$490.00 Your Price \$417.99****QSC CP8 8-Inch Compact Powered Loudspeaker**

The CP8 is a CP series 8" compact powered loudspeaker. The 1000 Watt (peak) power module delivers ample burst and continuous power for the loudspeaker's matching transducers. Convection cooling provides heat dissipation, even in extreme climates, while contributing no additional background noise. Carefully tailored, subtle and sophisticated dynamics processing is used to protect the drivers from damage and the performance from distortion.



QSC

- Compact and powerful performance • Easily selected contours for commonly-used applications • Advanced DSP with Intrinsic Correction for superior sound quality and speaker protection • Directivity Matched Transition (DMT) for consistent frequency response across the entire coverage area

**QSC-CP8 • Reg. \$624.99 Your Price \$499.99****QSC K-Series Two-Way 2000W Powered Loudspeakers**

Best in class audio performance • 2000 Watt Class-D amplifier module

- Intrinsic Correction tuning and loudspeaker management
- DMT (Directivity Matched Transition) design provides excellent power response and consistent performance across the listening arc
- Deployment in either main PA or floor monitor position • Factory Presets and saveable/recallable Scenes for commonly-used application



QSC

**QSC-K8-2 • 8-Inch, 2-Way • Reg. \$999.99 Your Price \$799.99****QSC-K10-2 • 10-Inch, 2-Way • Reg. \$1124.99 Your Price \$899.99****QSC-K12-2 • 12-Inch, 2-Way • Reg. \$1251.99 Your Price \$999.99****Genelec 4430AM 5 Inch Smart IP Installation Speaker**

Looking for exceptional sound over IP? The Genelec 4430A offers power, audio and loudspeaker management via a single standard CAT cable, delivering unrivaled flexibility, cost-effectiveness and simplicity of installation. The bi-amplified loudspeaker is a compact two-way active loudspeaker for fixed installations. It requires only one CAT cable to connect, making installation easy. The 4430A loudspeaker is powered using the standard Power-over-Ethernet (PoE) technology, using PoE+ or PoE standards. The proprietary internal power supply in 4430A delivers an impressive short-term SPL.

**GNC-4430AM • Reg. \$1195.00 Your Price \$1075.00**

GENELEC®



## Anchor Liberty 2 Deluxe Package 2

The Anchor Audio LIB-DP2-HH Liberty Deluxe Package 2 includes an LIB2-U2 Liberty 2 Bluetooth portable sound system with a dual-channel AnchorLink wireless receiver, an LIB2-COMP portable unpowered companion speaker, two SS-550 heavy-duty speaker stands, an SC-50NL 50' speakON speaker cable and 2 (two) WH-LINK wireless handheld mics.

- Reaches crowds up to 1,500+ • Connect up to four wireless mics • Anchor AIR compatible
- Built-in Class 1 Bluetooth • Built-in rechargeable batteries operate 6 - 8 hours on a single charge

**AN-LIB-DP2-HH • Reg. \$3999.00**  
**Your Price \$3399.00**

## Anchor AN-30 Powered Cube AC Speaker

The AN-30 speaker is the smallest system in the Anchor Audio line of products and offers a lot of sound in such a small cube. With 30 watts of rated power output, the AN-30 can cover a typical sized conference room or classroom with ease. The AN-30 is so lightweight at under two pounds that it mounts to a wall or ceiling quite effortlessly. Combine an AN-30 with a projector in a classroom for the perfect audio visual solution.

**AN-30 • Reg. \$229.00 Your Price \$209.00**

## Fender 6944 Passport Venue Series 2 PA System - 600 Watts

The Fender® 6944 Passport® Venue Series 2 is a self-contained portable audio system with everything needed for great sound anywhere, anytime. Carry Passport like a suitcase, and simply flip open the cabinet release latches for easy setup, with two full-range speaker cabinets, a powered mixer and all cables needed.

Featuring Bluetooth® audio streaming and XLR/1/4" combination jacks for increased connectivity, Passport Venue Series 2 is ideal for band and DJ gigs; education, sporting

and worship events; meetings, seminars and presentations and more. When you need a portable PA system, go with Fender Passport-Sound that Travels.

**FEN-6944 • Your Price \$1049.99**

## Fender 6942 Passport Series 2 175 Watt PA Systems

- 175 watts of power - ample for small to medium-size audiences, International voltage operation (100v-120v / 220V-240V)
- Five-channel mixer lets you intuitively mix lecture panels and small musical ensembles
- Bluetooth-equipped - stream audio from mobile devices • XLR and 1/4" mic/line inputs for flexible source connectivity

- Volume and tone controls - custom tailor your mix on each channel

- 1/8" stereo input - play recorded material from a mobile device or laptop • 1/8" stereo output for headphone monitoring and sending stereo mixes

- Inputs, Seven: 3 XLR 1/4 in Combo, 1 Stereo 1/4 in, 1 Stereo 1/8in, Stereo Bluetooth

**FEN-6942 • Your Price \$499.99**

## Anchor Bigfoot Dual Package BIG2-XU2 and 2 WH-LINK Wireless Handheld Mics

The BIG-DUAL-HH Bigfoot Dual Package comes with the BIG2-XU2 sound system with built-in bluetooth AIR wireless transmitter & 2 dual wireless mic receivers. This unit also includes 2 WH-LINK wireless handheld mics. Designed to cover a football field, this thunderous battery powered system is up to any challenge. With a line array consisting of five 8" neodymium speakers and one high efficiency neodymium compression driver, this bad boy packs a punch - yet easily sets up in seconds. The Bigfoot is the first Anchor Audio Portable Sound System that offers four built-in wireless receivers - allowing everyone to be involved! It also boasts standard built-in Bluetooth and an optional built-in CD/MP3 combo player to easily connect to anything you'll need for an all-inclusive sound coverage.

**AN-BIG-DUAL-HH • Reg. \$6399.00 Your Price \$5399.00**

## Electro-Voice EVOLVE30M Portable Column System

The Electro-Voice F-01U-366-319 is designed to deliver a significant step up in all-around performance for a column system in its size/price category. It includes an eight-channel digital mixer, studio-quality onboard effects, and remote control of all audio, effects and mix functions via the next-generation Electro-Voice QuickSmart Mobile application.

The system includes a speaker array, a two-piece pole connector, an array and pole backpack carry case, and a powered subwoofer - all made to pack up and assemble quickly, look great on stage, and withstand real-world wear and tear.

**EV-F-01U-366-319 • Reg. \$2623.00 Your Price \$1499.00**

## Galaxy Audio AS-TV8 Any Spot Traveler 8 Portable PA System

The Galaxy Audio Traveler (TV8) is an AC/battery operated portable PA system. This compact system features an 8" woofer, 1" horn, 80-watt amplifier, and can be configured in a variety of ways to meet your specific needs. This self-powered portable PA system, has a coverage capacity of up to 600 people.

Features of the standard Traveler include: 4 Inputs (XLR/1/4" combo, 1/4" Mic/Line, RCA Line, and 1/8" Aux, each with their own volume control), Built-in Bluetooth®, 2 Band EQ, and a Master Volume. Audio Outputs include a dual RCA Line Out and a 1/8" Aux Output.

**AS-TV8 • Reg. \$1232.49 Your Price \$849.99**

## Bose L1 Pro8 Portable 120V Line Array System with 180-degree Horizontal Sound Coverage and Bluetooth

**BOSE** Get in, set up, and simply perform with the most portable L1 Pro system, ideal for small venues like coffee shops and cafes

- Generous coverage: C-shaped line array featuring 8 articulated 2" neodymium drivers; 180-degree horizontal coverage with wide vertical dispersion, allowing your audience to hear clearly whether they are seated or standing, even off to the extreme sides in small to medium venues
- Deliver premium full-range sound with consistent tonal balance for singer-songwriters, mobile DJs, and more
- Maintain supreme vocal and instrument clarity with a C-shape extended-frequency line array featuring 8 articulated 2" neodymium drivers and wide 180-degree horizontal coverage

**BOSE-L1-PRO8 • Your Price \$1299.00**



**Mackie Big Knob Series Passive 2x2 Studio Monitor Controller****MACKIE®**

Sure, we all know the Mackie Big Knob is the go-to monitor controller for studios the world over. But, now that we've added in the high-resolution goodness of an Onyx recording and playback solution, Big Knob truly becomes the nerve center for your studio. Or, if you are looking for excruciatingly simple volume control/monitor switching, the Big Knob Passive delivers at an amazing price.

- Excruciatingly simple 2x2 monitor controller • Choose between 2 sources and 2 monitor pairs • Classic Big Knob volume control • Mono, mute and dim functions
- Pristine audio quality • Passive audio path with no power supply needed

**MCK-BIGKNOBPASIV • Your Price \$69.99****Blackmagic Audio Monitor 12G Rackmount Audio Monitoring From SDI AES/EBU & Analog Audio Sources**

Blackmagicdesign small one rack unit size! With a dual subwoofer design combined with extra wide range speakers all backed by a super powerful class D amplifier. Blackmagic Audio Monitor 12G has been designed to be both an audio and video monitoring solution so you get advanced 12G-SDI up to 60p input, as well as balanced XLR analog audio, balanced AES/EBU digital audio and consumer level HiFi audio inputs. Blackmagic Audio Monitor 12G features an elegant design with big bright multi color VU, PPM or Loudness audio meters and a built in LCD for monitoring video sources. You even get HDMI 4K output so you can connect a television for big screen video monitoring of your SDI sources!

**BMD-AUDIOMON12G • Your Price \$1235.00****Fostex RM-3 1RU Stereo Monitor System**

- Rack mount stereo monitor speaker system with built-in 10W+10W
- D-class amplifier and 110x40mm elongated shape speaker units
- Accepts both Analog input (XLR & 1/4" TS phone) and Digital Input (AES/EBU)
- Headphone out for headphone monitoring. When switching from headphone out to speaker out or vice versa, the output signal fades in to avoid unexpected level difference • Mute switch works as total mute or -20dB attenuation
- Highly visible 26-dot LED meter (L&R) with 4-step brightness adjustment
- Flexible meter setting for both Analog and Digital inputs such as VU+Peak, VU+Peakhold, Peak+Peakhold and VU only

**FOS-RM3 • AES/EBU Model • Reg. \$799.99 Your Price \$599.99****FX-RM-3DT • Dante Model • Reg. \$899.99 Your Price \$699.99****Marshall 4x1 Rackmount Audio Monitoring System****Marshall**  
BROADCAST & PRO AV

- For straight-forward analog audio monitoring, the Marshall AR-AM4-BG-2 delivers simple setup and operation, making it one of the friendliest audio monitors on the market today. With four analog stereo balanced XLR inputs, the AR-AM4-BG-2 makes it easy to check audio sources whether on set or in the equipment room. An RS-232 control port makes it the right choice for automated systems.
- 4 analog balanced XLR stereo inputs • 2 analog balanced XLR outputs
- Two powerful speakers • LED VU display shows audio input activity
- Remote control via RS-232 • Headphone jack

**MAR-AR-AM4-BG-2 • Reg. \$639.00 Your Price \$576.15****Wohler AMP1-M Series SDI Rackmount Audio Monitors**

- Simultaneous level metering of 8 or 16 de-embedded audio channels from SDI • High resolution metering with 166-segment displays • Quick, intuitive push-button selection of any pairs to sum to monitor • Monitor through built-in speakers, headphones or analog outputs with optional muting for internal speakers • Stereo or mono monitoring • Stereo phase indicators • Adjustable Volume and Balance • Balanced stereo analog outputs on XLR-Ms. Fixed level or volume/balance controlled

**WOH-AMP1-8-M • 8-Channel Model • Reg. \$2895.00 Your Price \$2895.00****WOH-AMP1-16M • 16-Channel Model • Reg. \$3895.00 Your Price \$3895.00****Wohler AMP1A-Plus Dual Source Stereo Analog Audio Monitor**

- Analog Input: 4 Balanced Analog Inputs on XLR • Analog Output: 2 on XLR • 98 dB SPL at two feet • Only one rack space high • Excellent high frequency response for positive detection of background whine and noise
- Audible indication of phase/polarity problems • Thorough magnetic shielding for placement next to video monitors • Numerous control and input options • Quick and easy installation: simply slide in the rack and connect audio and AC power

**WOH-AMP1A-PLUS • Reg. \$1295.00 Your Price \$1295.00****Marshall Multi-Channel Digital Audio Monitor with preinstalled Dante Module**

The Marshall AR-DM61-BT-64DT Multichannel Digital Audio Monitor provides versatile audio analysis, and professional QC monitoring of analog, digital, and networked audio sources. The AR-DM61-BT-64DT's slim 1RU design includes powerful stereo speakers, an intuitive touchscreen interface, and multiple convenient display modes. 10-inch LCD Intuitive Touchscreen Panel displays up to 64 channels vertical or switch to 96-step high precision horizontal bars. Special LKFS bars provides weighted display for group of channels.

**MAR-AR-DM61BT64DT • Reg. \$4251.29 Your Price \$3826.16****Marshall AR-DM51-B 16 Channel Audio Rack-Mount Monitor**

A compact, lightweight audio monitor that can preview up to 8 stereo channels of audio. It has two extra powerful speakers (up to 100dB in volume) for accurate monitoring even in noisy environments, and the small built-in video screen allows for precise confidence monitoring during live broadcasts. The AR-DM-51-B accepts SDI, HDMI, analog XLR, and analog RCA inputs, and outputs in AES and analog RCA.

**MAR-AR-DM51-B • Reg. \$1088.00 Your Price \$987.49****Sescom SES-RM-SPEAKERS1 Indoor-Outdoor Rack Mount Stereo Speaker System**

The perfect audio monitoring solution for every rack, the Sescom RM-SPEAKERS1 is a slimline 1RU rackmount speaker at a cost-effective price! Each speaker is rated at 4 watt peak power with two full range drivers. The system provides a simple way to confidently monitor your audio while preserving valuable rack space. It is housed in a lightweight, black anodized aluminum cabinet. • Two Oblong Passive Speakers Per Rack Unit for Stereo Use • Compact Audio Confidence and Reference Monitor • Lightweight, Black Anodized Aluminum

**SES-RM-SPEAKERS1 • Reg. \$141.49 Your Price \$130.49**



## Neumann KH 120 II AES67 Active 5.25-Inch 2-Way Studio Monitor

The KH 120 II is based on the same concept as its acclaimed predecessor but completely re-engineered for improved performance in all parameters: deeper bass, higher SPL capability and even better resolution. Internal DSP power allows for phase linear crossovers and room adaptive alignment via Neumann's revolutionary MA 1 Automatic Alignment.

- High-precision drivers, Mathematically Modelled Dispersion™ (MMD™) waveguide • extremely low tolerances ( $\pm 0.5$  dB)

NEUM-KH120IIAES6 • Reg. \$1579.00 **Your Price \$1250.00**  NEUMANN

## GENELEC®



## Genelec 8030C Active Two-Way 5-inch 60W Studio Monitor (Single) - Producer Finish

When your project requires a powerful performance with no sacrifice in quality, the Genelec 8030C active studio monitor is designed to exceed your expectations.

- Directivity Control Waveguide (DCW) Technology • Minimum Diffraction Enclosure (MDE) Technology • Reflex Port Design • Room Response Compensation • Optimized Amplifiers • Active Crossovers • Protection Circuitry • Intelligent Signal Sensing (ISS) Technology • Iso-Pod Stand • Versatile Mountings

GNC-8030CP • Reg. \$795.00 **Your Price \$695.00**

GNC-8020DPM • Studio Monitor w/Power Management • **Your Price \$550.00**



## JBL 305P MkII Powered 5-Inch Two-Way Studio Monitor

JBL 305P MkII compact powered studio monitor makes legendary JBL performance available to every studio.

- Patented Slip Stream low-frequency port for superior bass performance at all playback levels • Dual integrated, custom Class-D amplifiers provide 82 watts of power for high output and dynamic range • New Boundary EQ settings compensate for low frequency variants introduced by the environment • HF Trim switch adjusts high-frequency output to room acoustics or personal preferences

JBL-305PMKII • Reg. \$217.08 **Your Price \$149.00**

## Anchor AN-1000X Plus 50 Watt Powered Monitor



The AN-1000X is the most versatile powered speaker monitor on the market. You can add it to an A/V rack setup, use it as a studio monitor, install it in a trade show booth, or place it in the Captain's quarters on a US Navy warship to monitor activities in the intelligence room.

- AC powered • 103 dB of clear sound • Reach crowds of 400+ • Lightweight - only 9.5 lbs.

- Magnetically shielded speakers • 4.5" woofer and 10 mm dome tweeter

AN-1000XP • Reg. \$499.00 **Your Price \$439.00**



## Galaxy Audio MSPA5 Powered Micro Spot Personal Monitor

- Compact Powered Speaker • Internal 100 Watt Amp • +48V Phantom Power • XLR, 1/4" and 1/8" Summing Input • Built-In Compressor • 2 Band EQ • Stand/Wall Mount Bracket Included • Universal Power Supply • Weighs Less Than 5 lbs • Vocal Clarity • Small Footprint

GXY-MSPA5 • Reg. \$344.99 **Your Price \$229.99**

## Fostex 6301 Series 20W D-Class 4 Inch Active Monitors

Model 6301-series have been on the market since 1982 as the standard active monitor speaker in broadcast and production facilities. Now we have re-designed the speakers with the latest D-class power amplifier and new driver unit featuring energy saving "auto stand-by" function. The electrically balanced version used to be offered only in North America, but now worldwide.



- 20W D-class power amplifier for higher output level and less power consumption with no heat sink

- Dedicated 4-inch full range driver for clear audio reproduction
- Flat panel design to avoid inadvertent power-off or level change
- Auto Stand-by mode (compliant to ErP directive) for energy saving
- Detachable IEC type power inlet with multi-voltage power handling
- Newly designed mounting bracket (EB-6301) for wall mounting with variable angle adjustments - not included

FX-6301NE • XLR In, Electronically Balanced • Reg. \$389.99 **Your Price \$299.99**

FX-6301DT • DANTE Powered • Reg. \$519.99 **Your Price \$399.99**

FX-6301NX • XLR, Transformer Balanced • Reg. \$429.99 **Your Price \$329.99**

## Mackie CR3-X 3 Inch Multimedia Monitors

CR Series Creative Reference Multimedia Monitors offer studio-quality sound with cosmetics that compliment any desk whether you're making music, creating content, or just relaxing to your favorite tunes. CR3-X 3" monitors feature a sleek design with a brushed-metal panel and distinct outline. Convenient front panel headphone out and volume control make daily use easy. Flexible rear panel inputs include balanced 1/4" TRS, 1/8" Stereo, and RCA. High-quality cables are included in the box to get you up and running quickly. Upgrade your listening experience with Mackie CR3-X monitors.



MCK-CR3-X • **Your Price \$99.99**

MCK-CR3-XBT • with Bluetooth • **Your Price \$119.99**

## Sony MDR-7506 Headphones

The Sony MDR-7506 is a large diaphragm, foldable headphone, designed for professional studio and live/broadcast applications. The price, the look and the feel are pro all the way. • Driver Size: 40.0 mm • Frequency Response: 10-20kHz • Impedance: 63Ω • Sensitivity: 106 dB/W/m • Power Handling: 1,000mW



SONY

MDR-7506 • **Your Price \$99.99**

## Sennheiser HD 280 Pro

- Accurate, linear sound reproduction for critical monitoring applications
- Space saving design features collapsible, rotating earcups • Up to 32 dB of ambient noise attenuation



SENNHEISER

- Neodymium magnets for high maximum SPL • Single-sided, coiled cable with 3.5 mm mini jack with locking 1/4" adapter

SENN-HD280PRO • **\$99.95**

## AT ATH-M20X Headphones

- Advanced build quality and engineering • 40mm drivers with rare earth magnets and copper-clad aluminum wire voice coils • Tuned for enhanced low-frequency performance • Circumaural design for excellent sound isolation in loud environments • Convenient single-side cable exit • Designed for studio tracking and mixing • Frequency Response: 15 - 20,000Hz



ATH-M20X • **Your Price \$49.00**

## AT ATH-M40X Headphones

- Cutting-edge engineering and robust construction • 40mm drivers with rare earth magnets and copper-clad aluminum wire voice coils • Tuned flat for incredibly accurate sound monitoring across the entire frequency range • Circumaural design for excellent sound isolation in loud environments • 90° swiveling earcups for easy, one-ear monitoring • Frequency Response: 15 - 24,000Hz



ATH-M40X • **Your Price \$99.00**



**NEW**


## TOA ZM-104A Impedance Meter

The TOA Impedance Meter, ZM-104, has been designed to measure impedances in the speaker lines in sound systems. It is fully portable and is operated from internal batteries. This handy meter provides accurate direct readings in the manner of a circuit meter, simply by disconnecting the speaker line from the amplifier and connecting it to the measuring leads. The range selector switch allows selection of three ranges, from five to one hundred thousand Ohm. Each time the range selector switch is transferred, zero Ohm adjustment is necessary before operation.

**ZM-104 • Reg. \$598.30 Your Price \$483.50**


**NTI**  
AUDIO

## NTI MR-PRO Minirator Audio Signal Generator

MR-PRO Analog Audio Generator provides a complete set of analog audio test signals for the most demanding audio professional. In addition to all MR2 features, MR-PRO adds load impedance and phantom voltage measurements, user wave files, higher performance and cable test capability. Hand-held, using battery or external DC power supply, the generator offers a complete range of capabilities for a professional.

- Outputs: Balanced XLR, unbalanced RCA, phantom power resistant.
- Inputs: DC power supply, USB, XLR for cable test.
- Signal Wave Forms: Sine, Polarity Test Signal, Delay Test Signal, White Noise (crest factor, PAR\* = 3.05 (9.7 dB), Pink Noise (crest factor, PAR\* = 4.5 (13.1 dB), Gated Pink Noise (1 - 9 seconds), Wave File playback (MR-PRO).
- Wave File Format: Sampling frequency: 48 kHz, Resolution: 16 Bit, Mono / Stereo, Output level: 0 dBFS = 18 dBu (sine) acc. to EBU R68.
- Frequency Setting: Range: 10 Hz to 20 kHz, Increment: in 1 digit steps, Accuracy: 0.01%.

**MR-PRO • Your Price \$689.00**


**NTI**  
AUDIO

## NTI Audio XL2 Audio and Acoustic Analyzer

The NTI Audio hand-held XL2 Analyzer is a powerful Sound Level Meter, a professional Acoustic Analyzer, a precision Audio Analyzer and a comprehensive Vibration Meter in one instrument. Easy operation and countless applications distinguish this quality Swiss product.

- Life Safety Systems
- Noise Measurement
- Live Sound
- Industrial and Aerospace
- Room & Building Acoustics
- Quality Control
- Electroacoustic Installations

**NTI-XL2 • Your Price \$1709.00**

## NTI XL2 Analyzer and M4261 Class 2 Measurement Microphone - Rechargeable Li-ion Battery

The hand-held XL2 Analyzer is a powerful Sound Level Meter, a professional Acoustic Analyzer and a precision Audio Analyzer all in one instrument. Easy operation and countless applications distinguish this quality Swiss product. The instrument is ready to measure literally seconds after you press the power button. The intuitive navigation and flexible user interface assist in simplifying every task. The XL2 provides an extensive range of measurement functions.

**NTI-XL2-M4261 • Your Price \$2336.00**


**NTI**  
AUDIO

## NTI MR2 Minirator Audio Generator

MR2 Analog Audio Generator provides a full set of analog audio test signals for set-up, maintenance and monitoring of professional audio equipment. Hand-held, using battery or external DC power supply, the generator is ergonomically packaged and has an intuitive user interface.

- Low distortion sine wave (10 Hz - 20 kHz)
- Selectable output levels (0.08mV - 2.0V RMS) in dBu, dBV or V units
- Sine wave stepped sweep down to 1/12 octave steps with programmable step speed
- White noise
- Pink noise
- Polarity test signal
- Chirp signal (continuous sine sweep)
- Delay test signal (w/ AL1)
- Mute
- Outputs: RCA (unbalanced) and XLR (balanced) connectors

**MR2 • Your Price \$470.00**

## Gold Line ZM-1P Impedance Meter Plus Protection Relay

Looking to match multiple speakers to the correct power amplifier? The GoldLine ZM1P Impedance Meter Plus Protection Relay tool takes the guesswork out of setting up a distributed sound system so you can correctly match the impedance levels throughout an installation as well as the calculated watts required by your speakers. The Gold Line ZM1P measures the impedance of loudspeakers and entire distributed loudspeaker systems as well as individual components.

**GLDL-ZM-1P • Reg. \$816.00 Your Price \$649.00**


**NEW**

## Whirlwind QBOX-AES Audio Line Tester with AES

In Analog test mode the Qbox-aes is similar in operation to the Whirlwind Qbox. The XLR connectors are used to send and receive analog audio signals. Mic, Oscillator and Aux signals are controlled by the Send level control and sent out the male XLR. The female XLR receives analog input and delivers it to the Speaker through the Volume control. A three position switch allows the selection of a balanced input or unbalanced pin 2 or pin 3 to be monitored separately and Phantom LEDs indicate the presence of phantom power at the male XLR.

**WW-QBOX-AES • Reg. \$834.00 Your Price \$834.00**


**whirlwind**

## Whirlwind QBOX Audio Line Tester

Qbox. A must have for any audio technician. The indispensable, all-in-one audio line tester is ideal for live-sound applications, maintenance, install work or anywhere audio transmits over cable.

- Input Impedance: 40K Ohms balanced
- Maximum Input Level: +14dBm balanced
- Output Impedance: 100 Ohms balanced
- Maximum Output Level: +14dBm balanced
- Pad Range: -50 and -20 dBm
- Range of Speaker Volume Control: 60dBm
- Headphone Requirements: 8 to 600 Ohms
- Power Requirements: 9V alkaline battery

**WH-QBOX • Reg. \$428.00 Your Price \$428.00**


**whirlwind**

## RDL Portable Audio Signal Generator & Monitor

- Portable or Bench Audio Generator, Meter and Monitor
- Mic and Line-Level Audio Tone Oscillator with Metering
- Selectable Mic / Line-Level Input and Output
- Balanced and Unbal Connectorized Inputs/Outputs
- Operation from Standard 9 Volt Batteries or 24 Vdc
- +4 dBu or +6 dBu Precision Stable Reference Level

**PT-AMG2 • Reg. \$532.40 Your Price \$366.83**



## RDL ST-NG1 White and Pink Noise Generator

The ideal choice where random white or pink noise is needed. It is suitable either as a reference noise source for audio measurements or as a masking noise source in engineered sound or counter-intelligence applications.

- Random Noise Source
- Masking Noise Sources
- Pink Noise
- White Noise
- Mic and/or Line Level Noise Signals

**ST-NG1 • Reg. \$229.19 Your Price \$159.95**


**RDL**  
Radio Design Labs




## **SoundTools Sniffer/Sender 3-Pin XLR/Phantom Power Test Set**

The SoundTool Sniffer and Senders are 'On the fly', highly reliable, testers with remote ends used in the field to quickly determine faulty XLR cables and for testing phantom power at various stages and locations. They can also be used to quickly test phantom power on snakes.

The SoundTools SSXLR Sniffer is a single ended XLR male cable tester that utilizes phantom power or the SoundTools Sender as a test source. The SoundTools Sender is a battery powered XLR female tester that send the proper voltages to test all possible XLR line faults. Color coded LED's for easy trouble shooting.

**ST-XLR-SS • Your Price \$60.00**

## **SoundTools Remote End 5 Pin DMX Sniffer/Sender Cable Tester**



The Sound Tools SS-DMX DMX Sniffer/Sender instantly tests 5 pin DMX cables in your stage lighting or theatrical control setups. Faulty cables are one of the most common issues in malfunctioning DMX networks, but testing them hasn't always been easy. The SoundTools SS-DMX DMX Sniffer/Sender

simplifies the cable testing process so you can test your cables where they are in your setup and know instantly if your issue is cable or fixture related. The two-piece tester is ideal for stage techs, lighting professionals, or anyone involved in the installation or maintenance of stage control or theatrical lighting equipment.

**RSS-100009 • Your Price \$60.00**



## **Hosa CBT-500 Audio Cable Tester with XLR/Phone/Phono/SpeakON/DIN/Ethernet/USB A to B & 75 Ohm BNC**

The CBT-500 Cable Tester by Hosa Technology diagnoses signal failure in cables terminated with any combination of XLR, Phone, Phono, and speakONr connectors, as well as DIN, Ethernet, and USB Type A to Type B cables. It is also equipped with removable leads to verify continuity of additional connectors and jacks. Operation requires one 9-volt battery (included).

**HOS-CBT-500 • Reg. \$122.95 Your Price \$79.95**



## **Mackie MTEST-1 7-IN-1 Cable Tester**



Whether you have a few or a mountain of cables, it pays to know which ones are good and which

ones need to be tossed into the not so good pile. The MTEST-1 is an incredibly handy tool that can weed out the cables that may have seen too much action. Never play the guessing game with cables again. Featuring a simple 5-way switch to test every pin, even with mismatched connectors, the battery-powered MTEST-1 is an essential tool to have in your bag for every gig.

**MCK-MTEST-1 • Your Price \$34.99**



## **Platinum T130 VDV MapMaster 3.0 - Cable Tester**

The T130 VDV MapMaster 3.0 combines continuity testing, mapping, generating tones and length measurement functions into a single easy-to-use unit for installation, troubleshooting, and maintenance for telco, network, or coax cable.

- Tests to T568A/B wiremap configuration: shorts, opens, miswires, reverses and split pairs
- Single-ended Testing for Shorts & Split Pairs
- Measures Length in Feet/Meters
- Identifies cable location on active ports using flashing Port Link Light
- Easy to read, backlit LCD screen with large icons, glow-in-the-dark keypad and built-in LED flashlight for use in dark areas
- Identify up to 20 network or coax cable runs at a time
- Audible Tone Generator, 4 selectable cadences

**PLAT-T130 • Reg. \$150.37 Your Price \$142.85**

## **Nixer PD DANTE Portable Dante Diagnostic Tool & Audio Monitor**

The Nixer PDDANTE small portable Dante unit, which allows the monitoring of up to 64 Dante channels at 48kHz (32 channels at 96kHz). The signals are presented to the user via the inbuilt speakers or the headphone jack. The speakers are automatically muted when a headphone jack is inserted. Simultaneous outputs are also available in the form of the stereo balanced line outputs and AES output accessed via the 15way D-type



**NPA-PDDANTE • Your Price \$3299.00**

## **Sescom SES-CT1 Professional Ethernet & Audio Cable Tester**

From XLR Mic cables, to BNC video line, to CAT5, to SPEAKON, the Sescom CT1 tests 'em all and then some! This compact and low cost cable tester is feature rich and an invaluable problem-solving tool for the live sound professional, studio recording engineer or systems integrator. The unit handles any combination of XLR, Phone, Phono, and speakON connectors, as well as DIN, Ethernet, and even multiple TRS cable sizes.



The Sescom CT1 can test each contact on your cables via its selector knob with illuminated LEDs providing affirmation on continuity and ground status. Includes test leads for testing continuity on other cable types. Runs on included 9V battery.

**SES-CT1 • Your Price \$39.95**

**SESCOM®**  
The Audio Source.

## **DBX CT3 Advanced Multiformat Multipin Audio & Video Cable Tester**

The dbx CT3 is an advanced cable testing unit allowing you to evaluate a large variety of cables with ease. The CT3 offers many common connectors such as RJ45, RJ11, MIDI, Speaker Twist, XLR, RCA Phono, BNC, DIN, TRS, TS, DMX, & Banana. It can be split into 2 parts, a SENDER and RECEIVER so preinstalled and long cables can be tested.



**DBX-CT3 • Reg. \$227.85 Your Price \$185.00**

## **Triplett CTX200 Pocket Cat CAT5/6 BNC COAX Network Cable Tester**

The perfect tester for any toolbox. Performs a TIA568 test on Ethernet cable (RJ45) with instant pass/fail results. Ruggedized and cushioned for toolbox use with a hidden drawer for remote storage. Includes a tone generator compatible with most tone probes including Byte Brother brand. Test both RJ45-CAT5/6 and coax cables. Ruggedized for field use. No LCD to break!



**BYB-CTX200 • Your Price \$64.99**

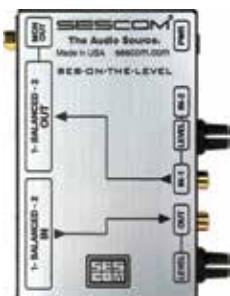
## **Connectronics Triax Cable Tester**

You can test for opens and shorts between the center conductor and inner and outer shields using the CTX-TRIAX-TXT battery-powered cable tester. The separate base and remote unit design allows for testing cables that are already installed. The two piece tester includes a transmitter (male) and a receiver unit (female) with Kings Tri-Loc connectors, which are housed in heavy duty, weather-resistant, powder-coated steel boxes. The CTX-TRIAX-TXT is ready to use with no calibration required. Simply plug the cable to be tested into the respective connectors and switch the unit on by pressing the red button on the transmitter unit. The cable status is instantly displayed.



**CTX-TRIAX-TXT • Reg. \$595.95 Your Price \$569.95**





SES-ON-THE-LEVEL

### Sescom RCA to XLR Audio Level Converter with Level Controls

The SES-ON-THE-LEVEL is a feature rich, bidirectional balanced to unbalanced audio level converter with level controls. The product is provided with XLRs for Balanced I/O and RCA for Unbalanced I/O. The SES-ON-THE-LEVEL also features a 3.5mm (1/8") stereo audio input that's compatible with iPod & similar MP3 players. Balanced line outputs (L/R RCA) are also provided to feed a stereo amplifier for real time monitoring.

**SES-ON-THE-LEVEL • Reg. \$125.00**

**Your Price \$121.00**



SES-DAC1

### Sescom SES-DAC1 Digital Coax or TOSLINK to Stereo Analog L/R RCA

For a simple, reliable way to convert your Toslink or S/PDIF audio to analog stereo audio, the Sescom SES-DAC1 audio converter is the answer. This digital audio converter accepts both Toslink fiber and RCA S/PDIF connections for easy conversion to RCA Left and Right Analog audio.

**SES-DAC1 • Reg. \$24.95 Your Price \$22.95**

### Sescom L/R RCA Analog Audio & Toslink to HDMI Audio Inserter

Insert an external audio signal into an HDMI or DVI signal path with the Sescom SES-AUDIO-N-HDMI Audio Inserter. Using the Audio IN Select feature, switch among three different audio input options: HDMI, Optical, and L/R Analog. Insert stereo and multi-channel surround sound signals while extending the HDMI signal.

- Embeds external L/R analog or optical audio into HDMI signal

- Integrates audio and DVI video to HDMI signal output
- Replaces audio in the original HDMI signal with other input sources

**SES-AUDIO-N-HDMI • Reg. \$145.00 Your Price \$139.00**

### Sescom SES-ADDA1 Audio Converter - Bidirectional Coax/TOSLINK w/ Selectable Input



SES-ADDA1

For a simple, reliable way to convert Toslink to S/PDIF or S/PDIF to Toslink, the Sescom SES-ADDA1 audio converter is the answer. This bidirectional digital audio converter accepts both Toslink fiber and RCA S/PDIF connections for easy two-way conversion. This SES-ADDA1 supports S/PDIF amplification and can be used as a repeater to extend the signal transmission distance.

**SES-ADDA1 • Reg. \$41.95 Your Price \$37.49**

### ProCo iFace Portable Audio Player Interface



mono switch sums inputs to create a true stereo output or a mono audio output feed from either XLR connector

**IFACE • Reg. \$345.06 Your Price \$233.87**

- Properly interfaces consumer-grade portable audio players and laptop computers to professional sound systems
- Stereo mini (1/8") input jack and individual RCA left and right input jacks provided
- Transformer-isolated XLR male output jacks provided • Stereo/mono switch sums inputs to create a true stereo output or a mono audio output feed from either XLR connector

### RDL TX-J2 Unbalanced Input Transformer

The RDL TX-J2 Unbalanced Input Transformer is part of Radio Design Labs TX Series and features unbalanced stereo inputs to summed balanced mono output.

- Mix two unbalanced audio signals to mono balanced
- Combine stereo into mono with balanced output
- Unbalanced to balanced conversion without gain
- Hum cancellation on unbalanced line inputs
- Frequency response 30 Hz to 20 kHz (+/- 1 dB)

**TX-J2 • Reg. \$103.65 Your Price \$79.95**



### RDL TX-LM2 Line Level to Mic Level Transformer

RDL TX-LM2 is a line level to microphone level transformer. Matches a balanced 600Ω phone or other audio line into a mic or line input.

- Matches balanced 600 Ohm phone (or other line) into mic or line input
- Balanced Input
- Dual outputs: Unbalanced line-level and balanced mic-level
- Frequency response: 20 Hz to 20 kHz (+/- 0.5 dB)
- THD: < 0.05% (1 kHz)

**TX-LM2 • Reg. \$67.38 Your Price \$46.95**



### RDL TX-8A 4 Ohm / 8 Ohm Input Interface

The RDL TX-8A is the ideal choice in many applications requiring superior quality transformer coupling between the output of a 4 or 8 Ohm power amplifier and the input of an audio mixer or amplifier. A front-panel LEVEL control allows the output to be adjusted for -10 dBV or +4 dBu over a wide range of amplified power levels.

- Converts an Amplifier Output to Line Level
- Bridges 4 or 8 Ohm Speaker Line
- Adjustable for Wide Range of Input Power Voltage
- Converts Amplified Levels from 0.5 W to 400 W

**RDL-TX-8A • Reg. \$121.00 Your Price \$82.42**



### RDL Stick Ons

The ST-LCR1 Logic Controlled Relay provides momentary operation and is ideally suited where additional switching contacts are needed to be added to nearly any type of control signal.

**ST-LCR1 • Reg. \$134.53 Your Price \$92.34**

STA1 Line Amplifier provides up to 20dB gain in an audio line • Balanced to unbalanced conversion • Unbalanced to balanced conversion • High to low or low to high impedance conversion • To bridge an audio feed line

**STA1 • Reg. \$261.68 Your Price \$179.11**

Switch line level sources • Select between two balanced lines • Silent audio switching • Switching without hard relay contacts • Fast switching for audio muting • Switching by open collector logic

**ST-SSR1 • Reg. \$188.34 Your Price \$128.83**

The ST-CL2 is a high performance compressor/limiter designed to maintain a constant average output level and effective peak control over a wide range of input levels. The input and output are line level and each may be wired balanced or unbalanced. Trimmers provide adjustment on input and output levels.

**ST-CL2 • Reg. \$257.78 Your Price \$179.95**



## Sescom 2-Channel RCA Audio Over Fiber Extender Tx/Rx Transceiver Set - LC Connectors



- 2-Channel RCA Audio to Fiber Transmission • Includes 2 Simplex LC 1301nm SFP Modules
- LC Fiber Connector • 24-Bit Digitally Encoded Analog Audio
- Transmission Distance up to 12.4 miles over Singlemode Fiber and up to 984ft. via Multimode Fiber

**SESCOM** SES-X-FA2LRL01 • Reg. \$449.95 **Your Price \$399.95**

## Sescom Audio over Fiber EXTENDER 4-Channel Balanced XLR Line Level Audio & ST Fiber Connection



- 4-Channel XLR Audio to Fiber Transmission
- ST Fiber Connector
- 24-Bit Digitally Encoded Analog Audio
- Transmission Distance up to 12.4 miles over Singlemode Fiber
- No Loss in Signal Quality
- Adjustment Free Plug & Play Operation
- Enable Cascaded Audio Setups

**SESCOM** SES-X-FA4LXT01 • Reg. \$999.95 **Your Price \$949.95**

## Sescom Horizontal 1RU Rack Mount for 4 Sescom SES-X-FA2 Audio Fiber Transmitters and/or Receivers



- Mount up to 4 SES-X-FA2 Audio Fiber Transmitters and/or
- Receivers in a 1RU Rack • Quick and Easy XLR Connect & Disconnect • Sturdy One-Piece Laser Cut Panel • Black Powder Coated Steel

**SESCOM** SES-X-RM1 • Reg. \$79.95 **Your Price \$74.95**

## Thor Fiber Unbalanced Uni-Directional Audio over 1 Fiber Transmitter and Receiver Kits



**THOR** fiber connector or different per request • LED indicators • Stand alone or rack mount blade available • Short and long haul signal transport up to 120Km • Compact portable size • 600  $\Omega$  Unbalanced • Bandwidth: 20Hz ~ 20KHz • Bit Resolution: 24-Bit • Signal-to-Noise Ratio(SNR): > 80 dB

**THR-F-2A-TXRX** • 2 Unbalanced Audio • Reg. \$474.00 **Your Price \$395.00**

**THR-F-4A-TXRX** • 4 Unbalanced Audio • Reg. \$594.00 **Your Price \$495.00**

**THR-F-8A-TXRX** • 8 Unbalanced Audio • Reg. \$898.80 **Your Price \$749.00**

**THR-F-16A-TXRX** • 16 Unbalanced Audio • Reg. \$1498.80 **Your Price \$1249.00**

## Thor Fiber 2 XLR Balanced Audio over Fiber Transmitter / Receiver Kit - up to 20KM Singlemode/3000feet Multi



**THOR** The Thor Fiber F-2A-XLR-T/RX XLR audio over fiber units are able to send balanced audio over fiber much further than traditional copper. Our Audio Interface with XLR kit has both a transmitter and receiver unit. The 2 XLR inputs/outputs can be used on a single transmitter unit and sent over fiber to the receiver unit that also has an equal number of XLR outputs. The fiber allows the signal to be sent over a long distance without losing any quality in the signal.

**THR-F-2A-XLR-TRX** • Reg. \$834.00 **Your Price \$695.00**

## Sescom X-FA2 Portable Battery Operated 2-Channel Mic & Line Level Audio Over Single Fiber Extender Kit

- 2-Channel Analog Audio to Fiber Transmission • 24-Bit Digitally Encoded Analog Audio
- Supports Multimode Fiber up to 984 feet • Supports Single Mode Fiber up to 12.4 miles
- Switchable Balanced Mic or Line Level • Wide Dynamic Optical Range Requires No Optical Adjustments
- Power: AC Adapter or Standard 9VDC Battery • Battery Runtime: Alkaline - Approx 4 hours



**SESCOM**

**SES-X-FA2** • Reg. \$849.95 **Your Price \$799.95**

## Sescom Audio over Fiber EXTENDER 2-Channel Balanced XLR Bi-Directional Line Level Audio & ST Fiber Connect

- 2-Channel XLR Bidirectional Audio to Fiber Transmission • ST Fiber Connector
- 24-Bit Digitally Encoded Analog Audio
- Transmission Distance up to 12.4 miles over Singlemode Fiber • No Loss in Signal Quality
- Adjustment Free Plug & Play Operation

**SES-X-FA2LXT01** • Reg. \$999.95 **Your Price \$949.95**



## Sescom Audio Fiber EXTENDER:8 CH Bal Line Level Audio with 5-Pin Connectors to XLR Breakouts-ST SM Fiber

- 8-Channel XLR Audio to Fiber Transmission
- Phoenix 5-Pin Connectors
- 12-Inch Breakout Adapters: Phoenix 5-Pin to XLR Connectors • ST Fiber Connector
- 24-Bit Digitally Encoded Analog Audio
- Transmission Distance up to 12.4 miles over Singlemode Fiber • No Loss in Signal Quality
- Rejects Ground Loop Noise & Suppresses EMI

**SES-X-FA8LTT01** • Reg. \$1299.95 **Your Price \$1249.95**



## Fiberplex Line Level Stereo Audio Over Fiber Transceivers

The unit converts line level, stereo analog audio to fiber for long or short haul transport. In addition to the audio, a multi-format serial data connection and a bidirectional pair of contact closures are included. The combination of audio and signaling provides a seamless solution for 4-wire E&M applications.



**TD-7280-L5B** • Single Mode • Reg. \$1072.51 **Your Price \$1072.51**

**TD-7280-L22** • Multimode • Reg. \$1072.51 **Your Price \$1072.51**

## Stereo Audio Dual RCA to ST Fiber Optic Extender / Converter Set Single Mode 1550nm DFB

Send your stereo audio signals well beyond the limits of copper using long haul fiber optics at an incredibly low cost. Plus, using fiber optics delivers your sound free of hum and noise typically introduced in traditional copper cable setups. The MAO-3AB-DFB sends left and right stereo audio signals up to 20 miles, though you probably don't need to go that far, but it can still make it happen at a super low price. Add a Complex Tactical grade ST Cable and you have the perfect option for live event and location audio extension in a military grade ruggedness.



**MAO-3AB-DFB** • Reg. \$179.00 **Your Price \$159.00**



## Radial Engineering IC-1 Line Level Isolator - Passive 1 Channel Balanced with Eclipse Transformer



The Radial IceCube IC-1 is a balanced line level isolator designed to quickly eliminate hum and buzz problems in an audio system by simply inserting it into the signal path. Measuring just over 4" x 1 1/2" (10 x 4cm), the compact design begins with two super-duty glass-filled nylon XLRs at each end with heavy duty nickel-silver contacts that will not tarnish over time. Unlike other isolators that are made of plastic, the IceCube is made from solid 16 gauge steel and

finished in a tough powder coat. The steel outer shell is not only more durable, it provides excellent shielding against electromagnetic fields radiated by power cables, dimmers, motors and power supplies - delivering consistently quieter results when deployed. This is augmented with a 'set & forget' ground lift switch to eliminate hum and buzz caused by ground loops. Inside the IceCube, a proprietary Eclipse transformer isolates the input from the output and blocks stray DC currents. While small transformers rarely perform well below 100Hz, the IceCube is exceptionally linear from 20Hz to 18kHz.

**RAD-IC-1 • Reg. \$96.00 Your Price \$79.99**

## ART Cleanbox Pro Channel Level Converter



Provides two channels of unbalanced to balanced level conversion in a rugged, compact, and portable unit. Balanced lines offer increased immunity to external electrical noise, such as hum.

- XLR connectors for balanced inputs and outputs
- RCA phono jacks and stereo 1/8" mini-phone jacks for unbalanced inputs and outputs
- Unbalanced output level control • Balanced output level control

- Rugged extruded aluminum case • Lighted On/Off switch • Comes with external power supply for operation with AC mains • Low noise, low distortion circuitry

**ART-CLEANBOXPRO • Reg. \$109.99 Your Price \$89.99**

## RDL AV-HK1 HUM KILLER Stereo Audio Isolation Transformer



The AV-HK1 is a stereo transformer isolation module for use with unbalanced, high impedance audio inputs. Input and output connections are provided on gold-plated phono jacks. The AV-HK1 is supplied with two adapter cables to facilitate connecting with products that use mini-plugs and jacks!

- Ground Isolation in Unbalanced Line • Ground-Loop Elimination • Unbalanced Stereo Galvanic Isolation • Isolation in Rugged Field Case • Portable or Permanent Isolation Module

**AV-HK1 • RCA • Reg. \$158.16 Your Price \$108.43**

**AV-HK1X • XLR • Reg. \$172.06 Your Price \$118.93**

## Rolls HE18 Buzzoff 2-Channel Audio Hum Eliminator

The Rolls HE18 is a two channel audio hum and buzz remover. Everyone knows how annoying it is to have 60 cycle hum in your sound and you'll love how easily the Buzzoff removes it!

- Eliminates ground loop hum and buzz
- Leaves signal grounds connected
- Passive, the unit requires no power
- Converts balanced lines to unbalanced lines and vice-versa
- Adjusts signal voltages to match difference in ground potential.

**HE18 • Reg. \$79.00 Your Price \$59.00**



## Ebtech Hum X Ground Loop Hum Exterminator



The Ebtech Hum X filters out unwanted voltage on the ground line that can cause ground loop hum. Simply place the Hum X on the end of the power cord of the equipment that has a Ground Loop and plug the Hum X into the wall outlet.

- Exterminate Ground Hum Right at The Source!
- Designed to solve GROUND RELATED Hum and Buzz • Filters the Ground Line of Excess Low Voltage and Current that Cause Audio Noise

- Maximum recommended Current per Hum Exterminator Is 6 Amp

**EB-HUMX • Your Price \$89.00**

## Morley MHE 2-Channel Stereo Hum Eliminator Box

The Morley MHE Hum Eliminator™ uses custom in-house made Isolation Transformers to break loop antennas that cause ground hum and buzz. The Hum Eliminator™ also converts back and forth between balanced and unbalanced connections and prevents the cable to act as an antenna for noise. Simply place a channel of the Hum Eliminator™ on the cable connections between the two offending pieces of equipment. Hum Eliminator™ will not affect the quality of the audio, it will improve it.



**MHE • Your Price \$109.00**

## Jensen CI-2RR Stereo Audio Isolator & Hum Eliminator

The Iso Max CI-2RR is a passive two channel RCA audio ground isolator designed to eliminate hum and buzz caused by ground loops in the most demanding audio systems. Eliminates hum and buzz caused by ground loops.

- Extended frequency response from 10 Hz to 40 kHz • Less than 2° phase deviation at 20 Hz
- Plug and play easy to use - no power required



**jensen™**  
transformers

**JEN-CI2RR • Reg. \$263.99 Your Price \$239.99**

## Jensen CI-RJ2R Two Channel RCA to CAT-5 Extender



**jensen™**  
transformers

The Iso-Max CI-RJ2R by Jensen is a two channel input isolator that lets you extend unbalanced signals to 100 meters (350') using standard CAT-5 or CAT-6 balanced twisted pair Ethernet cable.

- Stereo audio 'baluns' for RCA inputs using CAT-5/6 cable • Lets you run cables to 100 meters (350') without loss • Ruler-flat frequency response from 5 Hz to 20 kHz • Superior noise rejection from ground loops & magnetic fields

**JEN-CI-RJ2R • Reg. \$351.99 Your Price \$319.99**

## Palmer Audio PLI01 Line Isolation Box 1 Channel

The Palmer Audio PLI01 is a mono isolation transformer (line isolator), equipped with 1/4" TRS jack sockets at both ends for balanced and unbalanced signals. Especially suitable for eliminating ground loops that cause hum. Conversion from unbalanced to balanced is possible. A two-channel version can be found under product number PLI05. Single channel unit in a small rugged diecast box. Especially useful in guitar rack systems where multiple signal processors and preamplifiers are combined. Also eliminates noise in car hifi when used to isolate power boosters.



**Palmer™**  
be true to your sound

**PLM-PLI01 • Your Price \$99.99**



## IL-19® Extreme Hum Fighter.



### Triple Action

The SESCO IL-19® is the only product that removes All Types of Hum in Live Sound & Pro-Audio Gear! Designed as 3 products in-one, the SESCO® IL-19® is the industry standard for instantly troubleshooting audio hum and noise problems in live sound & broadcast applications providing quick fix line isolation to stop noise at the source. Removes ground loop hum, mode noise & differentially induced hum without the need for multiple transformers, ground lifters or phase inverters.

**IL-19 • Your Price \$44.95**

### IL-19 Audio Hum Eliminator with Switchable Phase Reverse and Ground Lift



The world famous IL-19 with the addition of a Phase Switch and Total Ground Lift Switch in the same form factor! This amazing feature set gives the ability to troubleshoot and repair on the spot without even disconnecting the unit, letting your show go on uninterrupted! The IL-19-PRS-GLS is the only Bi-Directional XLR device with Phase and Ground Lift Switches -Designed to plug directly into your equipment's Inputs -or- Outputs!

**IL-19-PRS-GLS • Reg. \$69.95 Your Price \$64.95**

### Sescom IL-19-2S Pro Audio Hum Eliminator 2-Channel Inline with Isolation



Designed as 3 products in-one, the SESCO® IL-19® is the industry standard for providing inline isolation and instantly troubleshooting audio hum in live sound & broadcast applications. The SESCO IL-19-2S is a 2-Channel boxed version built in a black rugged anodized aluminum enclosure with premium Neutrik XLR connectors to ensure the cleanest possible signal transfer.

**IL-19-2S • Reg. \$90.00 Your Price \$83.95**

### IL-STEREO-19 2-CH RCA Hi-Fi Style Stereo Isolator Transformer Coupler



Designed as 3 products in-one, the SESCO® IL-STEREO-19 is the industry standard for instantly troubleshooting audio hum in live sound & broadcast applications providing quick fix line isolation to remove hum. Removes ground loop hum, mode noise & differentially induced hum. Other in-line problem solvers solve only one problem at a time.

**IL-STEREO-19 • Reg. \$99.95 Your Price \$94.95**

### Sescom IL-19-XFRMR Pro Audio Hum Eliminator Stand-Alone IL-19 Transformer with Wire Leads for Installers



The Industry Standard - The SESCO IL-19 Transformer is the industry standard for instantly reducing audio hum problems in live sound & broadcast applications providing quick fix line isolation to stop Audio Hum Problems. Prepared with 6 inch stripped and tinned wire leads, potted in metal can for even more shielding from adjacent noise pickup and coded input and output wires per top label on unit.

**IL-19-XFRMR • Reg. \$39.95 Your Price \$34.95**

## SESCOM®

### Sescom HUMX2 2-Channel Passive Hum Eliminator 2-Channels with Balanced < > Unbalanced Conversion!

Sescom has a legendary reputation for isolating and eliminating hum caused by ground loops. The SESCO HUMX2 is a simple inline 2 Channel audio hum eliminator that's completely passive making it an indispensable tool for the gig bag, touring rack, or recording studio. Each channel of the HUMX2 has smart jacks that accept either a 1/4" or XLR input with each employing our custom isolation transformers. Channel inputs can also be converted back and forth between balanced and unbalanced connections while also preventing the connected cables from acting as an antenna for noise.



**SES-HUMX2 • Reg. \$54.95 Your Price \$47.95**

### Sescom IL-19-SS Pro Audio Hum Eliminator In-line with Dynamic Structured Shielding

#### IL-19-SS with Dynamic Structured Shielding:

The legacy inspired IL-19-SS differs from the standard IL-19 in that it emulates the vintage SESCO all-metal tube style IL-19 from years ago. The IL-19-SS still retains the major and exclusive decoupler circuitry for hum and noise. This passive device will reduce hum and noise in environments where extreme ambient noise is present and the ground plane characteristics are required for the system integrity.



**IL-19-SS • Reg. \$55.95 Your Price \$51.95**

### Sescom HUMBUCKET Hum Eliminator

The audio engineers at SESCO have created the Humbucket to bring the classic IL-19 to the next level. It eliminates wire noise across multiple connection types including XLR, RCA, 1/4" and 3.5mm mini plugs. It also goes the extra mile to bidirectionally convert signals between balanced and unbalanced making it the perfect tool for almost any audio application. The unit cleans up to 4 Simultaneous (2 Balanced, 2 Unbalanced) channels or 2 Simultaneous in Bridge Mode (Converting Balanced/Unbalanced).



**SES-HUMBUCKET • Reg. \$368.95 Your Price \$337.95**

### Sescom SES-XLR-ISO 600Ω Inline Mic Matching Transformer

Budget friendly inline transformer similar to the SESCO IL-19 featuring an ultra rugged housing. An excellent choice for audio hum eliminating inline matching transformers. XLR Female - 0dBm @ 600 Ohm to XLR Male 600 Ohm 1:1 Line Level Matching Transformer in a shielded aluminum case.



**SES-XLR-ISO • Reg. \$54.95 Your Price \$49.95**

### Sescom AES-EBU Transformers

110Ω 3-Pin XLR to 75Ω BNC AES-EBU in-line transformers • Provides an excellent impedance transformer at a reasonable cost for meeting the needs between analog to digital conversion

• Also allows for longer cable runs via unbalanced coaxial lines rather than twisted pair cables that have high attenuation at relevant frequencies • Max Voltage / Max Run: = 5VPP / 250MW • Insertion Loss: < 0.3DB @ 0.1 MHz TO 10 MHz • VSWR / Return Loss: < 1.1 / > 24.6 DB



**SES-AES-EBU-1 • XLR Female to BNC • Reg. \$47.95 Your Price \$44.49**

**SES-AES-EBU-2 • XLR Male to BNC • Reg. \$47.95 Your Price \$43.95**



### Sescom's SC4S11 Series Audiophile Speaker Cables

Bring audiophile performance to a completely different level. Each handcrafted work of art features 24 Karat gold plated connectors bound to super-flexible Canare 4S11 Star Quad speaker wire with 1 foot fanouts swaddled in Techflex tubing. At the core of a Sescom 4SC4S11 sits the Canare 4S11 cable. Its Star Quad design reduces EMI noise while offering low capacitance and resistance. 4S11 offers a superior damping factor to control speaker excursion and create sharp, clear quality in low end frequency ranges. This series is configured as 5/16 Spade Lug to 5/16 Spade Lug.



- Hand Crafted Audiophile Quality Assemblies • Channel Indicating Techflex
- 24 Karat Gold Plated Spade & Locking Banana Connector Options
- Maintains Super Flexibility in Sub-Zero Weather
- Star-Quad Design Reduces EMI Noise • Low Capacitance and Resistance
- High-Performance PVC Jacket, Resistant to Bending and Twisting

#### Banana Plug to Banana Plug

SC4S11-E2E2-006 • 6' .....	\$59.95
SC4S11-E2E2-010 • 10' .....	\$65.49
SC4S11-E2E2-015 • 15' .....	\$71.95
SC4S11-E2E2-025 • 25' .....	\$84.95
SC4S11-E2E2-035 • 35' .....	\$98.49
SC4S11-E2E2-050 • 50' .....	\$118.49

#### Banana Plug to 5/16 Spade

SC4S11-E2F2-006 • 6' .....	\$58.95
SC4S11-E2F2-010 • 10' .....	\$64.49
SC4S11-E2F2-015 • 15' .....	\$70.95
SC4S11-E2F2-025 • 25' .....	\$84.49
SC4S11-E2F2-035 • 35' .....	\$97.49
SC4S11-E2F2-050 • 50' .....	\$117.49

#### 5/16 Spade to 5/16 Spade

SC4S11-F2F2-006 • 6' .....	\$58.49
SC4S11-F2F2-010 • 10' .....	\$63.49
SC4S11-F2F2-015 • 15' .....	\$70.49
SC4S11-F2F2-025 • 25' .....	\$83.49
SC4S11-F2F2-035 • 35' .....	\$96.95
SC4S11-F2F2-050 • 50' .....	\$116.49

### Sescom NSP4 Speaker Cables with Neutrik 4-Pole speakON Connectors



- 4 Conductor, 12 AWG Heavy Duty and Flexible Speaker Cable
- Robust 4-Pole Female speakON Connectors Optimized for Speaker Applications
- Reliable Twist Locking System

NSP4-3 • 3' .....	<b>Your Price</b> \$30.95	NSP4-20 • 20' .....	<b>Your Price</b> \$71.95
NSP4-5 • 5' .....	<b>Your Price</b> \$35.95	NSP4-50 • 50' .....	<b>Your Price</b> \$143.49
NSP4-10 • 10' .....	<b>Your Price</b> \$48.49	NSP4-60 • 60' .....	<b>Your Price</b> \$172.95
NSP4-15 • 15' .....	<b>Your Price</b> \$59.95	NSP4-100 • 100' .....	<b>Your Price</b> \$259.49

### Sescom AUD-XLR-RCA 1-Channel XLR to RCA Balanced to Unbalanced Audio Converter

Sescom SES-AUD-XLR-RCA is a single channel balanced to unbalanced prosumer audio converter. Housed in a robust anodized aluminum enclosure with Neutrik chassis mount XLR and a recessed Neutrik RCA that you can hide in your hand, this converter delivers incredible sound quality and requires no power. With a world famous Sescom audio transformer inside, the SES-AUD-XLR-RCA assures the high quality and reliability that make it a must have for any gear bag or audio tool box.

SES-AUD-XLR-RCA • Reg. \$50.95  
**Your Price** \$46.95



SESCOM®

### Sescom Non-Plenum DMX Lighting Control Cables



SESCOM®

- Send Control Data to Computerized DMX Lighting Fixtures • 24AWG with Flexible/Abrasion Resistant TPE Jacket
- Meets DMX512 Specifications to Ensure Reliable Data Transmission • 2 Low-Capacitance Balanced Pairs for Control and Auxiliary Signals
- Rugged Neutrik XLR Connectors with Chuck Type Strain Relief

#### 3-Pin XLR Male To 3-Pin XLR Female

DMX-3 • 3' .....	\$39.49	DMX-20 • 20' .....	\$55.49
DMX-5 • 5' .....	\$40.95	DMX-25 • 25' .....	\$59.49
DMX-10 • 10' .....	\$45.49	DMX-50 • 50' .....	\$83.95
DMX-15 • 15' .....	\$50.49	DMX-100 • 100' .....	\$130.49

### Sescom C-Point Series XLR to DMX Adapters

XLRJ45 is an adapter to convert a DMX512 XLR connector to a RJ45 connector. The XLRJ45 adapter makes it possible to use any CAT-5 ethernet cable as a DMX512 cable. XLRJ45 is available in four versions, 3-pin male or female XLR or 5-pin male or female XLR. The different adapters can be mixed to make for example a 5-pin to 3-pin cable. XLRJ45 is very useful for making a DMX512 cable quickly and at a very low costs.



DMX-3XF-CAT5 • 3-Pin XLR Female to RJ45 **Your Price** \$9.95

DMX-3XM-CAT5 • 3-Pin XLR Male to RJ45 **Your Price** \$9.95

DMX-5XF-CAT5 • 5-Pin XLR Female to RJ45 **Your Price** \$9.95

DMX-5XM-CAT5 • 5-Pin XLR Male to RJ45 **Your Price** \$9.95

### Sescom DT12 Female Breakout Cable to 12 Male XLR

The DT12FXM series cable is a DT12 Female multipin to 12 channel XLR male breakout cable. Each channel is individually shielded for superior isolation and low crosstalk. The XLR ends are Neutrik black and gold connectors. The all metal DT12 multipin connectors offer stainless steel threads for panel and cable coupling as well as gold plated contacts. The cable features 12 individually shielded and jacketed pairs with an overall TPE jacket to simplify the run.



SESCOM®

High Quality Neutrik XLRs • Rugged Multichannel DT12 Connector with Protective Cap • Rugged Zinc Diecast Shell • Boot with Rubber Gland Gives High Protection Against Bending Stresses • RoHS Compliant Cabling

SES-DT12FXM-001 • 1 Foot DT12 Female to 12 Male XLR.....	\$628.95
SES-DT12FXM-003 • 3 Foot DT12 Female to 12 Male XLR.....	\$640.95
SES-DT12FXM-006 • 6 Foot DT12 Female to 12 Male XLR.....	\$653.49
SES-DT12FXM-010 • 10 Foot DT12 Female to 12 Male XLR.....	\$684.95
SES-DT12FXM-015 • 15 Foot DT12 Female to 12 Male XLR.....	\$716.49
SES-DT12FXM-025 • 25 Foot DT12 Female to 12 Male XLR.....	\$778.95
SES-DT12MXF-001 • 1 Foot DT12 Male to 12 Female XLR.....	\$596.95
SES-DT12MXF-003 • 3 Foot DT12 Male to 12 Female XLR.....	\$609.49
SES-DT12MXF-006 • 6 Foot DT12 Male to 12 Female XLR.....	\$622.49
SES-DT12MXF-010 • 10 Foot DT12 Male to 12 Female XLR.....	\$652.95
SES-DT12MXF-015 • 15 Foot DT12 Male to 12 Female XLR.....	\$684.49
SES-DT12MXF-025 • 25 Foot DT12 Male to 12 Female XLR.....	\$746.95



## Sescom 3 or 4 Channel Passive Balanced Audio Extender over CAT 5/6/7 Stage Boxes



Because it's passive, it's compatible with analog or digital mixers, consoles, breakouts boxes and more. Pair the system to a Jackreel connectorized RJ45 cable reel and you have a fast field deploy system for gigs, live events and any remote production. Multiple stage boxes can be daisy chained to allow the same channels to be dropped in multiple locations.

### 3-Channel Models (Phantom Power Compatible)

**SES-3XLRM-CATBX** • RJ45 to Male XLR • Reg. \$170.95 **Your Price \$152.95**

**SES-3XLRF-CATBX** • RJ45 to Female XLR • Reg. \$171.49 **Your Price \$153.49**

### 4-Channel Models

**SES-4X1F3M-CATBX** • RJ45 to 1 Female & 3 Male XLR • **Your Price \$157.95**

**SES-4X2F2M-CATBX** • RJ45 to 2 Female & 2 Male XLR • **Your Price \$157.95**

**SES-4X2M2F-CATBX** • RJ45 to 2 Male & 2 Female XLR • **Your Price \$157.95**

**SES-4XLRM-CATBX** • RJ45 to 4 Male XLR Connectors • **Your Price \$157.95**

**SES-4X1M3F-CATBX** • RJ45 to 1 Male & 3 Female XLR • **Your Price \$158.49**

**SES-4XLRF-CATBX** • RJ45 to 4 Female XLR Connectors • **Your Price \$158.49**

# SESCOM®

## Sescom 3 or 4 Channel Passive Balanced Audio Extenders over CAT5/6/7



Send 3 or 4 Channels of Analog or Digital Audio, AES/EBU or DMX over Cat 5/6/7 Cable • 3 Channel Versions Support Phantom Power - 48V • Replaces Bulky Multichannel Audio Snakes Allowing for Quick Setup • Passive Design Requires No Power • Compact & Lightweight - Easy to Store •

# SESCOM®

Rugged Road Ready Black Aluminum Enclosure • 12- Inch Fanouts • Neutrik 3Pin XLR & Locking RJ45 etherCON Connectors • Digital Audio 48k 24bit AES/EBU Transmission Distance: 1000 feet • Analog Balance Line Level Audio Transmission Distance: 2000 feet • Mic Level Audio Transmission Distance: 2000 Feet

## Sescom Intercom Extension Cable 4-Pin XLR Male to 4-Pin XLR Female



Sescom Intercom Extension Cables Featuring Canare Star Quad Cable and 4 Pin XLR Neutrik Connectors. Assembled with the high standards and durability demanded by the industry. These cables are specifically designed to work with most intercom systems. Telex - Clearcom - Anchor - Motorola + many more!

**ICOMX4-MF-6** • 6 Foot • Reg. \$26.95 **Your Price \$25.95**

**ICOMX4-MF-10** • 10 Foot • Reg. \$29.95 **Your Price \$28.45**

**ICOMX4-MF-15** • 15 Foot • Reg. \$33.95 **Your Price \$29.95**

**ICOMX4-MF-25** • 25 Foot • Reg. \$41.95 **Your Price \$37.95**

**ICOMX4-MF-30** • 30 Foot • Reg. \$45.95 **Your Price \$40.95**

**ICOMX4-MF-10C** • 2-10 Foot Coiled • Reg. \$59.95 **Your Price \$54.95**

## Sescom 8-Channel Passive Balanced XLR Audio Extenders

# SESCOM®

Save big on the costs of expensive XLR audio snakes and pair-down 8 cable channels into two (2) low profile CAT6/ CAT7 runs with the Sescom SES-8X series XLR extenders. These brilliantly simple stage boxes allow you to convert 8 XLR channels to two (2) RJ45 connections allowing balanced mic level, AES/EBU digital or DMX signals to be run over two (2) CAT5, CAT5e, CAT6 or CAT7 cables.



Run only the channels you need and even take advantage of their versatility by mixing multiple signals types in the same setup. Each unit is housed in a stage rugged box wired to two (2) Neutrik etherCON RJ45 jacks. Because it's passive, it's compatible with analog or digital mixers, consoles, breakouts boxes and more. Pair the system to a Jackreel connectorized RJ45 cable reel and you have a fast field deploy system for gigs, live events and any remote production. Multiple stage boxes can be daisy chained to allow the same channels to be dropped in multiple locations.

**SES-8X6M2F-CATBX** • RJ45 to 6 Male & 2 Female XLR • **Your Price \$215.95**

**SES-8X2M6F-CATBX** • RJ45 to 6 Female & 2 Male XLR • **Your Price \$215.95**

**SES-8XLRF-CATBX** • RJ45 to 8 Female XLR • **Your Price \$215.95**

**SES-8XLRM-CATBX** • RJ45 to 8 Male XLR Connectors • **Your Price \$215.95**

**SES-8X4M4F-CATBX** • RJ45 to 4 Male & 4 Female XLR • **Your Price \$215.95**

**SES-8X4F4M-CATBX** • RJ45 to 4 Female & 4 Male XLR • **Your Price \$215.95**

**SES-3XLRF-CAT** • 3 Channel Female XLR • Reg. \$80.95 **Your Price \$74.95**

**SES-3XLRM-CAT** • 3 Channel Male XLR • Reg. \$80.95 **Your Price \$74.95**

**SES-4XLRF-CAT** • 4 Channel Female XLR • Reg. \$104.95 **Your Price \$95.49**

**SES-4XLRM-CAT** • 4 Channel Male XLR • Reg. \$103.95 **Your Price \$94.49**

**SES-4XLR2F2M-CAT** • 4 Channel Passive Balanced Audio Extender over CAT5/6/7 -RJ45 to 2 Female & 2 Male XLR • Reg. \$104.49 **Your Price \$94.95**

**SES-4XLR1F3M-CAT** • 4 Channel Passive Balanced Audio Extender over CAT5/6/7 -RJ45 to 1 Female & 3 Male XLR • Reg. \$104.49 **Your Price \$94.95**

**SES-4XLR1M3F-CAT** • 4 Channel Passive Balanced Audio Extender over CAT5/6/7 -RJ45 to 1 Male & 3 Female XLR • Reg. \$104.95 **Your Price \$94.95**

**SES-4XLR2M2F-CAT** • 4 Channel Passive Balanced Audio Extender over CAT5/6/7 -RJ45 to 2 Male & 2 Female XLR • Reg. \$104.49 **Your Price \$94.95**

## Sescom 3.5mm Inline Stereo Headphone Level Control

No fancy explanations - just a level knob and a 3.5mm TRS connector input & output, ready to go anywhere at any time for any device to control your headphone audio level. Fast installation can be done. Includes 3M Dual-Lock type Super Velcro for endless mounting options in the studio or the field.



**SES-MKP-35** • **Your Price \$37.95**

## Sescom 2-Channel XLR Audio Volume Control

A simple 2-channel balanced XLR volume control. The handy adjustment knobs have positions indicators for precise levels with a simple twist. Features high quality Neutrik connectors mounted on 12" pigtail of Canare 2-channel microphone cable.



**SES-MKP-37** • **Your Price \$84.49**



**Sescom HDMI Audio Embedder & Extractor**

**SESCOM®**
**SES-AX1001 • Reg. \$122.95 Your Price \$99.95**

The Sescom SES-AX1001 is a simple solution for extracting or embedding stereo analog or multi-channel surround external audio to or from your HDMI signal. The Sescom HDMI audio inserter & extractor finds a home in lecture centers, digital signage advertising applications as well as smaller multicamera live production shoots where a single audio feed makes more sense than individual camera audio.

**Sescom RCA-LVL-LR Stereo RCA Volume Control with Independent Channel Control**


The Sescom RCA-LVL-LR offers a simple and inconspicuous rack, desktop or wall mounted volume control for RCA stereo audio signals. The RCA-LVL-LR RCA volume control delivers independent level control of the left and right channels. It works well with subwoofers or as a master volume control in any 2-channel analog audio signal system.

**SES-RCA-LVL-LR • Reg. \$49.95 Your Price \$47.95**
**SESCOM®**
**Sescom Balanced Audio to Stereo Headphone Adapter with Volume Control**


Sescom delivers a simple way to monitor stereo line level XLR signals with the SES-2XJ-TRS-LVL. This compact box features left and right 3-pin female XLR inputs coupled to a 3.5mm mini jack output. The output jack has a level pot for complete adjustable control. Developed and assembled in the USA.

**• 2x XLR 3-Pin Female Inputs • 1x TRS/Headphone Output**
**SES-2XJ-TRS-LVL • Reg. \$77.49 Your Price \$69.95**
**SESCOM®**
**Sescom Balanced 2-Channel XLR Audio Volume Control**


The Sescom MKP-39 is a great addition to any gig bag whenever you need a simple 2-channel balanced XLR volume control. No fancy explanations here - you just plug it inline with your cables and you have an easy audio level adjustment giving you complete sound control.

**SES-MKP-39 • Reg. \$66.95 Your Price \$59.95**
**Sescom Inline RF Filter 3-Pin XLR Male to Neutrik EMC Female Ground Lift**

**SESCOM®**

Neutrik's EMC XLR connectors with integrated LC-filter, it rejects RF-interference & LF-noise while having no effect on your balanced audio signal. Use on inputs or outputs.

**SES-INLINE-EMCF • Reg. \$32.49 Your Price \$29.95**
**Sescom SES-MULTI-PAD 6-Position Variable 3-Pin XLR Inline Attenuator**

**SESCOM®**

Reduces the power of your signal in selectable decibel increments of -5dB, -10dB, -20dB, -30dB, -40dB and -50dB without appreciably distorting signal waveform.

**SES-MULTI-PAD • Reg. \$55.95 Your Price \$51.95**
**Sescom SES-AE1001 HDMI 4K@60Hz YUV 4:4:4 Audio Extractor with EDID**

The Sescom SES-AE1001 is a low cost 4K HDMI 2.0 audio extractor allowing you to extract the digital HDMI audio signal from HDMI inputs and break it out to analog 2-Channel RCA stereo audio output or SPDIF 5.1 channel audio out. It supports video resolutions up to 4K@60Hz YCbCr 4:4:4 as well as PCM and Dolby DTS audio formats.

**SES-AE1001 • Reg. \$79.95**
**Your Price \$72.95**

**SESCOM®**
**Sescom SES-A-V-SYNC A/V Lip-Sync Corrector**

The SES-A-V-SYNC is a compact device that corrects audio delays between audio and video. When distributing video over long distances through multiple devices like distribution amplifiers and set top boxes there can sometimes be a noticeable video processing delay which results in audio being played before the video. This also happens when the audio from sources is sent to audio amplifiers over analog lines while the video is sent to the display over HDMI or digital lines. The SES-A-V-SYNC can be manually adjusted so the audio delay can be set from 0~300ms in set increments so you can perfectly synchronize your audio and video. The SES-A-V-SYNC is also sometimes referred to as a "Lip-Sync-Corrector"

**SES-A-V-SYNC • Reg. \$129.95 Your Price \$89.95**
**Sescom FLIP-2 3.5mm TRS Stereo Audio A/B Switch**

The Sescom Flip2 A/B switch solves the common issue of two source selection of 3.5mm stereo sources such as Smart Phones, Computers, iMacs, Sound Card outputs and more! Requires no power and can be used bidirectional. Saves wear and tear on constant equipment connects and disconnects. Features a "center-off" rocker switch for disabling the audio source it's housed in a rugged aluminum cabinet. Rear mounted 3.5mm TRS connections.

**SES-AB-SWITCH • Your Price \$41.95**
**Sescom TRRS-AB 3.5mm A/B Switch with Center Off Switch**

The Sescom TRRS-AB is an A-B switch for TRRS 3.5mm stereo devices. The unit is bidirectional allowing it to function as a standard switch between to inputs or to split a single input source to two outputs.

A unique feature of the TRRS-AB is a center OFF toggle switch position which can act as a mute. It is wired with fully isolated conductors to help eliminate ground loop noise. The TRRS-AB works well for podcasters needing to switch TRRS headsets or connecting two computer audio sources.

**SES-TRRS-AB • Reg. \$49.95 Your Price \$47.95**
**SESCOM®**
**Sescom Inline Stereo Headphone Level Control**

Every Audio Professional Needs These! No fancy explanations - just a level knob and an input 1/4 connector on the left and an output 1/4 connector on the right ready to go anywhere at any time for any device to control the audio level. Fast installation can be done. Includes 3M Dual-Lock type Super Velcro for endless mounting options in the studio or the field.

**SES-MKP-33 • Your Price \$36.95**

**SESCOM®**


## Sescom Ghost +37dB Inline Mic Preamp for Dynamic Mics



Breathe serious life into your dynamic or ribbon mic with the Sescom Ghost! This cost-effective inline preamp adds up to 37db of gain to your mic delivering tones and additional clarity you never imagined possible from such a simple tool. It's a must for the studio pro and the roadie toolbox. It's also indispensable for podcasters and presenters. The Sescom Ghost pulls phantom power from your board, but does not pass phantom power to the microphone, so there's no additional power supply necessary.

**SES-GHOST • Reg. \$44.95 Your Price \$39.95**

## Sescom SCHDXXJ Heavy Duty Microphone Cable with Neutrik HD XLR Connectors



Sescom has coupled the Neutrik XX-HD heavy duty XLR connectors with rugged 20 AWG heavy duty microphone cable for a mic cord that can't be "beat!" Well, we don't recommend you beat it, but

we are sure you won't find a tougher mic cable on the market. The XX-HD connector series feature a rubber sealing jacket, so this cable is specially designed for outdoor applications, offering protection from water ingress and mechanical shock. It's even rated for IP67 standards when mated to other XX-HD connectors! It also has gold pins to offer further corrosion resistance over standard XLR connectors.

### Connectors:

- Capacitance Between Contacts:  $\leq 4$  pF • Contact Resistance:  $\leq 3$  m $\Omega$
- Rated Current Per Contact: 16 A • Rated Voltage:  $<50$  V

### Cable:

- AWG & Stranding: 20 AWG 26 STRANDS • Impedance: 68 $\Omega$
- D.C. Resistance: 10.6 $\Omega$  / Mft @ 20°C Impedance: 68 $\Omega$
- Shield D.C. Resistance: 4.5  $\Omega$  / Mft @ 20° C • Capacitance: 22 pF/ft

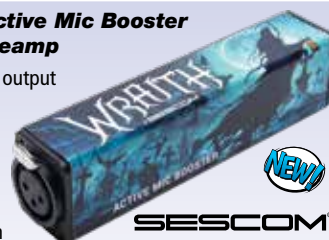
<b>SCHDXXJ-003</b> • 3 Foot.....	<b>\$32.49</b>
<b>SCHDXXJ-006</b> • 6 Foot.....	<b>\$34.95</b>
<b>SCHDXXJ-010</b> • 10 Foot.....	<b>\$38.49</b>
<b>SCHDXXJ-015</b> • 15 Foot.....	<b>\$42.95</b>
<b>SCHDXXJ-025</b> • 25 Foot.....	<b>\$51.49</b>
<b>SCHDXXJ-035</b> • 35 Foot.....	<b>\$60.95</b>
<b>SCHDXXJ-050</b> • 50 Foot.....	<b>\$73.95</b>
<b>SCHDXXJ-075</b> • 75 Foot.....	<b>\$96.49</b>
<b>SCHDXXJ-100</b> • 100 Foot.....	<b>\$117.49</b>

## Sescom Mini XLR Cable Series

<b>SC1XATJ3</b> Canare L-2B2AT Right-Angle 3-Pin XLR Male to 3-Pin Mini XLR Female .....	<b>Your Price \$16.95</b>
<b>SC1XJATJ3</b> Canare L-2B2AT Right-Angle 3-Pin XLR Female to 3-Pin Mini XLR Female .....	<b>Your Price \$16.95</b>
<b>SC1.5XT3</b> Canare L-2B2AT 3-Pin Mini XLR Male to 3-Pin XLR Male .....	<b>Your Price \$16.95</b>
<b>SC1T3T3</b> Canare L-2B2AT 3-Pin Mini XLR Male to 3-Pin Mini XLR Male .....	<b>Your Price \$7.95</b>
<b>SC1XJT3</b> Canare L-2B2AT 3-Pin XLR Female to 3-Pin Mini XLR Male .....	<b>Your Price \$11.95</b>
<b>SC3T3SZ</b> Canare L-2B2AT 1/4 TRS Male to 3-Pin Mini XLR Male.....	<b>Your Price \$13.95</b>
<b>SC1XTJ3</b> Canare L-2B2AT 3-Pin XLR Male to 3-Pin Mini XLR Female .....	<b>Your Price \$10.95</b>
<b>SC1XJTJ3</b> Canare L-2B2AT 3-Pin XLR Female to 3-Pin Mini XLR Female.....	<b>Your Price \$11.95</b>
<b>SC1.5T3TJ3</b> Canare L-2B2AT 3-Pin Mini XLR Male to 3-Pin Mini XLR Female .....	<b>Your Price \$10.95</b>
<b>SC1.5TJ3TJ3</b> Canare L-2B2AT 3-Pin Mini XLR Male to 3-Pin Mini XLR Female .....	<b>Your Price \$16.95</b>
<b>SC3TJ3SZ</b> Canare L-2B2AT 1/4 TRS Male to 3-Pin Mini XLR Female.....	<b>Your Price \$13.95</b>
<b>SC1T3MZLK</b> TRS 3.5mm Locking Plug to 3-pin Mini XLR Analog Audio Cable .....	<b>Your Price \$15.95</b>
<b>SC1T3MZ</b> 3.5mm Plug to 3-pin Mini XLR Analog Audio Cable.....	<b>Your Price \$15.95</b>

## Sescom Wraith Professional Active Mic Booster +22dB XLR Inline Mic Preamp

Deliver warm and natural audio gain to low output dynamic and ribbon microphones with a simple inline mic preamp solution: The Sescom Wraith. It's the industry secret to getting a huge boost in gain for passive mics without the annoying noise and hiss associated when you drive the gain too high on your mixer.



Wraith provides a gain of 22dB to wake up your mic and get the most out of it. You'll be impressed at how the Wraith can even improve the sound of popular studio mics like the Shure SM7b, MXL R144 or Royer R-121.

**SES-WRAITH • Reg. \$119.95 Your Price \$99.95**

## Sescom 3-Channel Passive Mixer - Combo-Jack Inputs with Independent Level Control to XLR and 1/4 Inch Outputs

When you need an affordable quick fix to add more inputs to your mixer, portable PA or other gear, the Sescom 3MIX provides a simple solution. This 3x1 passive mini-mixer is not only cost effective but extremely versatile, allowing you to work with mic level or line-level signals, balanced or unbalanced. The Sescom 3MIX features 3 space-saving Neutrik XLR female/ 1/4 Combo inputs. Each input channel has its own independent level control.



**SES-3MIX • Reg. \$94.95 Your Price \$89.95**

## Sescom IPHONE-MIC-1 Monitoring Cable iPhone/iPod/iPad 3.5mm TRRS Plug to 3-Pin XLR Mic & 3.5mm Monitoring Jack

This 3.5mm TRRS to XLR cable allows you to connect a pro XLR mic to your iPhone, iPod or other TRRS devices and take advantage of the many apps designed for audio recording on a Smartphone. Using external microphones will improve the quality of your recordings. Built with phantom power blocking and impedance matching components. This cable also features a headphone monitoring tap for critical applications such as field reporters & news gathering professionals.



**IPHONE-MIC-1 • 1 Foot • Reg. \$35.95 Your Price \$31.95**

**IPHONE-MIC-6 • 6 Foot • Reg. \$40.95 Your Price \$37.95**

**IPHONE-MIC-1RA • 1 Ft, Right Angle 3.5mm • Reg. \$35.95 Your Price \$35.95**

## SESCOM®





SESCOM® *LEANARE*®Available in 10 beautiful  
matte finish color jackets!

Canare L-4E6S is the premier Star Quad cable for all handheld microphone applications. Flexible, satin smooth to the touch and extra strong, this standard diameter, 21 AWG cable fits perfectly in all XLR-type audio connectors. Forty separate strands in each conductor eliminate breakage due to flexing.



Cables supplied in Black. Available COLOR CODES:

BE = Blue; BN = Brown; GN = Green; GY = Gray; OE = Orange; PE = Purple; RD = Red; WE = White; YW = Yellow.

**Sescocom XLR Male to Female**

Part#	Length	Your Price
SC1.5XXJ	1.5'	\$12.95
SC3XXJ	3'	\$12.95
SC6XXJ	6'	\$14.95
SC10XXJ	10'	\$16.95
SC15XXJ	15'	\$19.95
SC25XXJ	25'	\$24.95
SC50XXJ	50'	\$38.95
SC75XXJ	75'	\$51.95
SC100XXJ	100'	\$64.95

**Sescocom RCA Male to Male**

Part#	Length	Your Price
SC1.5RR	1.5'	\$14.95
SC3RR	3'	\$15.49
SC6RR	6'	\$16.95
SC10RR	10'	\$18.49
SC15RR	15'	\$20.95
SC25RR	25'	\$25.49
SC50RR	50'	\$38.49

**Sescocom XLR Female to 1/4" Female**

Part#	Length	Your Price
SC1.5XJSJ	1.5'	\$12.49
SC3XJSJ	3'	\$12.95
SC6XJSJ	6'	\$13.95
SC10XJSJ	10'	\$15.95
SC15XJSJ	15'	\$18.95
SC25XJSJ	25'	\$23.95
SC50XJSJ	50'	\$43.95

**Sescocom XLR Female to Balanced (TRS) 1/4" Phone Male**

Part#	Length	Your Price
SC1.5XJSZ	1.5'	\$14.95
SC3XJSZ	3'	\$15.49
SC6XJSZ	6'	\$16.95
SC10XJSZ	10'	\$18.95
SC15XJSZ	15'	\$20.95
SC25XJSZ	25'	\$25.95
SC50XJSZ	50'	\$44.49

**Sescocom 1/4" Male to Male**

Part#	Length	Your Price
SC1.5SS	1.5'	\$15.95
SC3SS	3'	\$16.49
SC6SS	6'	\$17.95
SC10SS	10'	\$19.49
SC15SS	15'	\$21.95
SC25SS	25'	\$26.95
SC50SS	50'	\$40.49
SC100SS	100'	\$69.95

**Sescocom 1/4" Male to Male Balanced (TRS) Both Ends**

Part#	Length	Your Price
SC1.5SZSZ	1.5'	\$16.49
SC3SZSZ	3'	\$16.49
SC6SZSZ	6'	\$18.49
SC10SZSZ	10'	\$20.49
SC15SZSZ	15'	\$22.95
SC25SZSZ	25'	\$27.95
SC50SZSZ	50'	\$41.95

**Sescocom XLR Male to Balanced (TRS) 1/4" Phone Male**

Part#	Length	Your Price
SC1.5XSZ	1.5'	\$14.95
SC3XSZ	3'	\$15.49
SC6XSZ	6'	\$16.49
SC10XSZ	10'	\$18.49
SC15XSZ	15'	\$20.95
SC25XSZ	25'	\$25.49
SC50XSZ	50'	\$43.95
SC100XSZ	100'	\$66.95

**Sescocom XLR Male to 3.5mm Female**

Part#	Length	Your Price
SC1.5XMJ	1.5'	\$10.95
SC3XMJ	3'	\$10.95
SC6XMJ	6'	\$12.95
SC10XMJ	10'	\$14.95
SC15XMJ	15'	\$16.95
SC25XMJ	25'	\$21.95
SC50XMJ	50'	\$41.95
SC100XMJ	100'	\$62.95

**Sescocom XLR Male to RCA Male**

Part#	Length	Your Price
SC1.5XR	1.5'	\$14.49
SC3XR	3'	\$14.95
SC6XR	6'	\$15.95
SC10XR	10'	\$17.95
SC15XR	15'	\$20.49
SC25XR	25'	\$24.95
SC50XR	50'	\$38.49
SC100XR	100'	\$67.49





## Rean NYS Series Connectors



<b>RN-RP2RCF-BAG</b>	1/4" Pancake Plug, Black/Nickel.....	<b>Your Price \$1.83</b>
<b>RN-RP2RCF</b>	1/4" Pancake Plug, Nickel/Nickel.....	<b>Your Price \$1.80</b>
<b>NYS2202P</b>	1/4" 2-pole TS Mono Barrel Adapter.....	<b>Your Price \$2.26</b>
<b>NYS202</b>	1/4" Plug, 3-pole, 3-Pole Plug Short Turned Brass Handle.....	<b>\$2.70</b>
<b>NYS2203P</b>	1/4" plug, 3-pole, TRS Barrel Adapter.....	<b>Your Price \$2.40</b>
<b>NYS373-RD</b>	RCA Plug with Gold Contacts - Red.....	<b>Your Price \$2.01</b>
<b>NYS373-BK</b>	RCA Plug with Gold Contacts - Black.....	<b>Your Price \$2.01</b>
<b>NYS373-WE</b>	RCA Plug with Gold Contacts - White.....	<b>Your Price \$2.01</b>



## Connectronics Audio Connectors



<b>SPFS-CM</b>	1/4" Stereo Phone Jack Chassis Mount.....	<b>Your Price \$1.40</b>
<b>M-3.5S</b>	3.5mm Stereo Mini Male Cable End.....	<b>Your Price \$1.99</b>
<b>MFS-MFSCM</b>	3.5mm Stereo Mini F-F Barrel CM.....	<b>Your Price \$3.25</b>
<b>AC116</b>	Stereo 3.5mm Mini Female Chassis Mount.....	<b>Your Price \$1.15</b>
<b>PF-PFCM</b>	RCA Female to Female Chassis Mount.....	<b>Your Price \$1.79</b>

## Connectronics Audio Adapters

### Exclusive Nickel Over Brass Design

Non-Corrosive • Better Conductivity • Longer Lasting. Why buy cheap imports that don't stand up to the daily rigors of field & studio abuse when TecNec offers a better connector at a better price!



## Rean NYS Series Connectors



<b>NYS201</b>	1/4" plug, 2-pole, brass handle.....	<b>Your Price \$1.27</b>
<b>NYS207</b>	1/4" plug right angle, 2-pole, metal housing.....	<b>Your Price \$1.39</b>
<b>NYS-228</b>	1/4" plug, 2-pole, long turned brass handle, no rivet.....	<b>Your Price \$2.10</b>
<b>NYS 225L</b>	1/4" plug, 2-pole, with large shell for speaker cable.....	<b>Your Price \$2.70</b>
<b>NYS-224</b>	1/4" plug, 3-pole, long turned brass handle.....	<b>Your Price \$1.60</b>
<b>NYS230</b>	1/4" plug, 3-pole, open frame jack with solder tabs.....	<b>Your Price \$1.24</b>
<b>NYS226B</b>	3.5mm 2-pole plug, black shell / crimp strain relief.....	<b>Your Price \$0.97</b>
<b>NYS226BG</b>	3.5mm 2-pole plug, black shell / gold contacts.....	<b>Your Price \$1.47</b>
<b>NYS231</b>	3.5mm 3-pole plug, crimp strain relief.....	<b>Your Price \$1.14</b>
<b>NYS231AU</b>	3.5mm 3-pole plug, crimp strain relief, gold.....	<b>Your Price \$1.57</b>
<b>NYS-231BG</b>	3.5mm 3-pole plug, black handle / gold contacts.....	<b>Your Price \$1.69</b>
<b>NYS231L</b>	3.5mm 3-pole plug, large cable outlet.....	<b>Your Price \$1.11</b>
<b>NYS-240BG</b>	3.5mm TRS jack, black metal handle, gold contacts.....	<b>Your Price \$1.80</b>
<b>NYS-240</b>	3.5mm TRS jack, metal handle.....	<b>Your Price \$1.53</b>
<b>NYS-228BG</b>	1/4" plug, 3-pole, long diecast handle, no rivet.....	<b>Your Price \$2.76</b>
<b>NYS373-BK</b>	RCA Male Plug, black shell, gold contacts, rubber boot ...	<b>Your Price \$2.01</b>
<b>NYS-322</b>	DIN male, 5-pole, silver plated contacts.....	<b>Your Price \$1.75</b>
<b>NYS367RD</b>	Gold plated colored RCA/Phone chassis mount sockets.....	<b>Your Price \$1.83</b>
<b>NYS352BG</b>	RCA male plug, black plated handle, gold contacts.....	<b>Your Price \$1.42</b>

<b>MF-MF</b>	3.5mm Mini Female to Female Barrel.....	<b>Your Price \$1.79</b>
<b>MPS-2MFS</b>	3.5mm Stereo Plug to Two 3.5 Stereo Jacks.....	<b>Your Price \$3.54</b>
<b>AA219</b>	3.5mm Stereo Jack to 1/4" Stereo Plug.....	<b>Your Price \$1.89</b>
<b>AA215</b>	3.5mm Stereo Jack to 3.5mm Mono Plug.....	<b>Your Price \$2.97</b>
<b>MPS-2PF</b>	2 RCA Female (L/R) to 3.5mm Stereo Male.....	<b>Your Price \$3.95</b>
<b>XLM-SPF</b>	3 Pin XLR Male to 1/4" Phone Female.....	<b>Your Price \$6.99</b>
<b>XLF-XLF</b>	3 Pin XLR Female to 3 Pin XLR Female (Barrel).....	<b>Your Price \$6.99</b>
<b>XLM-XLM</b>	3 Pin XLR Male to 3 Pin XLR Male (Barrel).....	<b>Your Price \$6.99</b>
<b>XLF-SP</b>	3 Pin XLR Female to 1/4" Phone Male.....	<b>Your Price \$5.19</b>
<b>XLM-SP</b>	3 Pin XLR Male to 1/4" Phone Male.....	<b>Your Price \$6.99</b>
<b>SPF-SPF</b>	1/4" Phone Female to Female Stereo/Mono Barrel.....	<b>Your Price \$2.49</b>
<b>SP-PF</b>	1/4" Phone Male to Phono (RCA) Female.....	<b>Your Price \$1.95</b>
<b>MPS-SPF-S</b>	1/4" Stereo Female to 3.5mm Stereo Male.....	<b>Your Price \$3.28</b>
<b>M-PF</b>	3.5mm Mini Male to Phono (RCA) Female.....	<b>Your Price \$1.62</b>
<b>CTX-XMXFCM</b>	XLR Male to XLR Female Chassis Mount Barrel ...	<b>Your Price \$8.95</b>
<b>CTX-XFXMCM</b>	XLR Female to XLR Male Chassis Mount Barrel ...	<b>Your Price \$8.95</b>



## Switchcraft AAA3MB Series Low Profile 3 Position XLR Connectors

- 360° Adjustable Right Angle - The cable exits the connector sideways for space savings and can easily be adjusted to face any direction.
- Size and Weight saving design - Space saving design is up to 75% lighter and 80% smaller than our R-series right angle XLRs.
- Switchcraft Quality - Built with the same quality Switchcraft is known for because they use the same connector body as our AAA series XLRs.
- Please note: Maximum overall cable size should not exceed 0.205" [5.2mm]


**Switchcraft®**

**SW-AAA3MBLP** • Male, Black • Reg. \$11.76 **Your Price \$5.45**

**SW-AAA3MBGGP** • Male, Black with Green • Reg. \$11.76 **Your Price \$5.73**

**SW-AAA3MBWWP** • Male, Black with White • Reg. \$11.76 **Your Price \$5.73**

**SW-AAA3MBYYLP** • Male, Black with Yellow • Reg. \$11.76 **Your Price \$5.73**

**SW-AAA3FBLP** • Female, Black • Reg. \$12.62 **Your Price \$5.81**

**SW-AAA3FBGGP** • Female, Black with Green • Reg. \$12.62 **Your Price \$6.13**

**SW-AAA3FBWWP** • Female, Black with White • Reg. \$12.62 **Your Price \$6.11**

**SW-AAA3FBYYLP** • Female, Black with Yellow • Reg. \$12.62 **Your Price \$6.11**


**Switchcraft®**

## Switchcraft B3MB Male 3-Pin Round Metal Shell XLR Panel Mount - Black Finish

This Switchcraft B3MB B-Series Circular Panel Mount with nut is a 3 Pin XLR Male with silver pins and a black finish. Contact Resistance: 50 milliohm maximum, per pole. Current Rating: 3 pole - 15A, 4 pole - 10A, 5 and 6 pole - 7.5A, 7 pole - 5A @ 125VAC. Insulation Resistance: 1,000 MO, minimum. Dielectric Withstanding Voltage: 1,000V (RMS). Capacitance: 2 pF between pins and 4 pF between pins and shell, maximum (AA3M and AA3F)

**SW-B3MB** • Reg. \$22.51 **Your Price \$9.82**

## Switchcraft A5MB Series 5 Pin XLR

Sturdy, die-cast zinc with satin nickel finish or Black-Velvet® finish to withstand hard use - even abuse. Vel-Tone non-reflective finish on QGP (XLR) connectors only. Insert Insulation: High-impact, molded thermoplastic provides high dielectric strength, and superior insulation resistance. Latchlock on female plugs and receptacles locks into groove in mating male connector to prevent accidental disconnect.


**Switchcraft®**

**SW-A5MB** • Male, Black Shell & Silver Pins • Reg. \$28.95 **Your Price \$27.00**

**A5MBAU** • Male, Black Shell & Gold Pins • Reg. \$28.95 **Your Price \$28.05**



## Switchcraft Tini Q-G Series Mini XLR Connectors

**Switchcraft®**



**TA4F** • Mini XLR 4-Pin Female Cord Plug • **Your Price \$9.31**

**TA5F** • Mini XLR 5 pin Female | Silver Pins • **Your Price \$10.03**

**TA5FLX** • Mini XLR 5 pin Female | Large Flex Relief | Silver Pins • **Your Price \$10.23**

**TA5MX** • Mini XLR 5 pin Male | Silver Pins • **Your Price \$8.21**

**TA5MLX** • Mini XLR 5 pin Male | Large Flex Relief | Silver Pins • **Your Price \$8.89**

**TA3FLB** • Mini XLR 3 pin Female | Large Flex Relief | Silver Pins • **Your Price \$9.29**

**TA4FBX** • Mini XLR 4 pin Female | Silver Pins • **Your Price \$10.32**

**TA3FBX** • Mini XLR 3 pin Female | Silver Pins • **Your Price \$9.67**

## Switchcraft Longbody RCA Conductors

A 2 conductor shielded RCA straight plug for solid pin cable up to 0.203" (5.16mm) diameter, solder cup on center. Long handle and cable clamp, Gold Plug.

**SW3502ABAU** • Black Handle  
Reg. \$8.71 **Your Price \$3.95**

**SW3502AAU** • Nickel Handle  
Reg. \$7.42 **Your Price \$3.42**


**Switchcraft®**

**AAA3MZ**

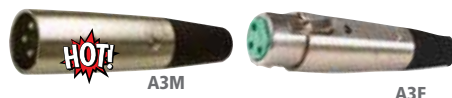
**Switchcraft®**

## Switchcraft Q-G 2-Piece XLRs

The AAA Series or Q-G Twist XLR features an easy twist on combination handle/strain relief, and a reduced number of assembly parts. Only two parts to assemble - slide the handle onto the cable, solder the terminations, and twist on the handle.

<b>AAA3FPZ</b>	Female, Plastic Handle	\$3.02 Ea.	• 25+ \$2.93	• 100+ \$2.85
<b>AAA3MPZ</b>	Male, Plastic Handle	\$2.93 Ea.	• 25+ \$2.85	• 100+ \$2.77
<b>AAA3FZ</b>	Female, Nickel Handle	\$3.24 Ea.	• 25+ \$3.15	• 100+ \$3.06
<b>AAA3MZ</b>	Male, Nickel Handle	\$3.03 Ea.	• 25+ \$2.94	• 100+ \$2.86

**Switchcraft®**


**A3M**
**A3F**

## Switchcraft A Series XLR Cable Ends

	Pins	Gender	Shell/Contacts	
<b>A3F</b>	3	Female	Nickel/Silver	\$5.76 Ea. • 25+ \$5.59 • 100+ \$5.43
<b>A3M</b>	3	Male	Nickel/Silver	\$4.78 Ea. • 25+ \$4.32 • 100+ \$4.19
<b>A4F</b>	4	Female	Nickel/Silver	\$7.81 Ea. • 25+ \$7.08 • 100+ \$6.87
<b>A4M</b>	4	Male	Nickel/Silver	\$5.68 Ea. • 25+ \$5.14 • 100+ \$4.99
<b>A5F</b>	5	Female	Nickel/Silver	\$12.59 Ea. • 25+ \$11.41 • 100+ \$11.07
<b>A5M</b>	5	Male	Nickel/Silver	\$10.10 Ea. • 25+ \$9.16 • 100+ \$8.89

## Switchcraft 3.5mm Heavy Duty Cable Ends

**Switchcraft®** One piece tip rod with flat for easy solderability • Compliments current line of 3.5 mm jacks • Heavy Duty cable clamp provides better strain relief for larger cables • Longer cable clamp for easier plug assembly and more room for solder connections • Knurl on the back of handle provides ergonomic gripping surface to tighten plug • Tubular insulator included to prevent solder joints from contacting handle


**35HDRA**
**35HDNN**

	Contacts	Shell/Contacts	Each	25+	100+
<b>35HDNN</b>	3	Nickel/Nickel	\$7.34	\$6.65	\$6.45
<b>35HDBN</b>	3	Black/Nickel	\$7.79	\$7.56	\$7.34
<b>35HDBAU</b>	3	Black/Gold	\$9.27	\$9.00	\$8.73

## Right Angle Series

<b>35HDRANN</b>	3	Nickel/Nickel	\$10.91	\$10.59	\$10.28
<b>35HDRANAU</b>	3	Nickel/Gold	\$29.05	\$26.34	\$25.55

## 1/4" Phone Connectors Nickel/Nickel


**SW280**
**SW297**

	Contacts	1/4"Contacts	Each	25+	100+
<b>SW280</b>	2	Male Cable End	\$3.31	\$3.21	\$3.11
<b>SW226</b>	2	Right Angle Male Cable End	\$5.22	\$4.71	\$4.57
<b>SW228</b>	2	Flat Plug/Shielded Handle	\$5.43	\$4.92	\$4.77
<b>SW11</b>	2	Female Chassis Mt.	\$2.49	\$2.24	\$2.17
<b>SW297</b>	3	Male Cable End	\$8.38	\$7.60	\$7.37
<b>SW236</b>	3	Right Angle Male Cable End	\$7.45	\$9.03	\$8.76
<b>SW12B</b>	3	Female Chassis Mt.	\$2.89	\$2.61	\$2.53



Neutrik X series XLR connectors feature 360 degree chuck strain relief, nickel shell, & easy to assemble.

## 3-Pin Nickel Shell / Silver Contacts

NC3FX	Female	\$3.71 Ea.	• 25+ \$3.60 • 100+ \$3.50
NC3MX	Male	\$3.23 Ea.	• 25+ \$3.14 • 100+ \$3.05

## 3-Pin Black Shell / Silver Contacts

NC3FX-BAG	Female	\$4.26 Ea.	• 25+ \$4.14 • 100+ \$4.02
NC3MX-BAG	Male	\$4.03 Ea.	• 25+ \$3.91 • 100+ \$3.80

## 3-Pin Black Shell / Gold Contacts

NC3FX-B	Female	\$5.21 Ea.	• 25+ \$5.06 • 100+ \$4.91
NC3MX-B	Male	\$4.74 Ea.	• 25+ \$4.60 • 100+ \$4.47

## 3-Pin Nickel Shell / Silver Contacts with On/Off Switch

NC3FX-S	Female	\$11.96 Ea.	• 25+ \$11.61 • 100+ \$11.27
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## 4-Pin Nickel Shell / Silver Contacts

NC4FX	Female	\$6.16 Ea.	• 25+ \$5.98 • 100+ \$5.81
NC4MX	Male	\$4.59 Ea.	• 25+ \$4.46 • 100+ \$4.33

## 4-Pin Black Shell / Gold Contacts

NC4FX-B	Female	\$7.69 Ea.	• 25+ \$7.46 • 100+ \$7.24
NC4MX-B	Male	\$5.79 Ea.	• 25+ \$5.62 • 100+ \$5.46

## 5-Pin Nickel Shell / Silver Contacts

NC5FX	Female	\$7.70 Ea.	• 25+ \$7.47 • 100+ \$7.25
NC5MX	Male	\$5.80 Ea.	• 25+ \$5.63 • 100+ \$5.47

## 5-Pin Black Shell / Gold Contacts

NC5FX-B	Female	\$9.71 Ea.	• 25+ \$9.42 • 100+ \$9.14
NC5MX-B	Male	\$7.19 Ea.	• 25+ \$6.98 • 100+ \$6.78

Neutrik D series feature same hole punchouts for both male & female, latch release on female, front or rear panel mounting.

## 3-Pin Nickel Shell / Silver Contacts

NC3FD-L-1	Female	\$3.50 Ea.	• 25+ \$3.40 • 100+ \$3.30
NC3MD-L-1	Male	\$3.21 Ea.	• 25+ \$3.12 • 100+ \$3.03

## 3-Pin Black Shell / Gold Contacts

NC3FD-L-1-B	Female	\$4.40 Ea.	• 25+ \$4.27 • 100+ \$4.15
NC3MD-L-1-B	Male	\$4.31 Ea.	• 25+ \$4.19 • 100+ \$4.07

## 4-Pin Black Shell / Gold Contacts

NC4FDL-1-B	Female	\$7.73 Ea.	• 25+ \$7.50 • 100+ \$7.28
NC4MDL-1-B	Male	\$5.57 Ea.	• 25+ \$5.41 • 100+ \$5.25

## 5-Pin Black Shell / Gold Contacts

NC5FDL-1-B	Female	\$12.29 Ea.	• 25+ \$11.93 • 100+ \$11.58
NC5MDL-1-B	Male	\$9.51 Ea.	• 25+ \$9.23 • 100+ \$8.96

Neutrik P series feature latch release on female, compatible with Switchcraft D series, and crimped insert vibration protection.

## 3-Pin Nickel Shell / Silver Contacts

NC3FP-1	Female	\$3.70 Ea.	• 25+ \$3.59 • 100+ \$3.49
NC3MP	Male	\$3.59 Ea.	• 25+ \$3.49 • 100+ \$3.39

## 3-Pin Black Shell / Gold Contacts

NC3FP-1-B	Female	\$4.63 Ea.	• 25+ \$4.50 • 100+ \$4.37
NC3MP-B	Male	\$4.49 Ea.	• 25+ \$4.36 • 100+ \$4.23

## 3-Pole XLR Female / 1/4" Stereo Combo Jacks

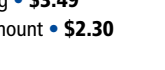
Combined XLR receptacle and phone jack. Saves racks space by combining 2 connectors in one housing. Hard wire soldering cups. Full normalized. Stereo or mono version.

NCJ5FI-S	3-Pin XLR-F & 1/4" mono jack without normalling	• \$3.01
NCJ6FI-S	3-Pin XLR-F with 1/4" stereo jack without normalling	• \$3.49
NCJ6FA-H	3-Pin XLR-F with 1/4" stereo jack, horizontal PCB mount	• \$2.30

NEUTRIK



NEUTRIK



## Neutrik XX Series XLRs

NEUTRIK

Rugged diecast shell & sleek, ergonomic design. Female connectors have cage type contacts, "solder stop" for easy soldering and additional ground contact for best contact integrity between chassis and cable connector. Male connector without locking "window."



NC3FXX	3-Pin Female. Nickel housing and silver contacts	\$3.37 • 50+ \$3.27
NC3FXX-B	3-Pin Female. Black housing and gold contacts	\$4.76 • 50+ \$4.62
NC3FXX-BAG	3-Pin Female. Black housing and silver contacts	\$3.86 • 50+ \$3.75
NC3MXX	3-Pin Male. Nickel housing and silver contacts	\$3.03 • 50+ \$2.94
NC3MXX-B	3-Pin Male. Black housing and gold contacts	\$4.27 • 50+ \$4.15
NC3MXX-BAG	3-Pin Male. Black housing and silver contacts	\$3.66 • 50+ \$3.56

## Neutrik HA Crimp Series XLR Connectors

Crimp termination with standard B-crimp tool • Gastight and Solderless connection (RoHS compliant) • improves contact integrity as well cable strain relief



NC3FXX-HA	3-Pin Female XLR Cable End, Silver	Your Price \$3.54
NC3FXX-HA-BAG	3-Pin Female XLR Cable End, Black	Your Price \$3.96
NC3MXX-HA	3-Pin Male XLR Cable End, Silver	Your Price \$3.16
NC3MXX-HA-BAG	3-Pin Male XLR Cable End, Black	Your Price \$3.67

## Neutrik RX Series 3-Pin Right Angle XLRs

NC3MRX	Male, Nickel & silver	\$8.71 • 10+ \$8.45
NC3MRX-B	Male, Black & gold	\$9.50 • 10+ \$9.22
NC3MRX-BAG	Male, Black & silver	\$8.89 • 10+ \$8.63
NC3FRX	Female, Nickel & silver	\$8.74 • 10+ \$8.48
NC3FRX-B	Female, Black & gold contacts	\$10.99 • 10+ \$10.67
NC3FRX-BAG	Female, Black & silver contacts	\$9.10 • 10+ \$8.83

## Neutrik D Series XLR Panel Mount Feedthrus

NA3FDM	Female Front, Male Rear	• \$9.31 • 10+ \$9.04
NA3MDF	Male Front, Female Rear	• \$9.10 • 10+ \$8.83



## Neutrik C Series Boots / XX Series Bushings

### C Series Boots

BSP-\* • \$0.49

\*ADD COLOR CODING:  
BL - Blue BR - Brown  
BK - Black GN - Green  
GR - Grey O - Orange  
Y - Yellow V - Violet  
W - White



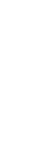
\*ADD COLOR CODING:  
BK - Black BL - Blue  
RD - Red OR - Orange  
YW - Yellow GR - Green  
VT - Violet WE - White  
BN - Brown GY - Grey



### XX Series Boots

NT-BSX-\* • \$0.89

\*ADD COLOR CODING:  
BK - Black BE - Blue  
RD - Red OE - Orange  
YW - Yellow GN - Green  
VT - Violet WE - White  
BN - Brown GY - Grey



## Neutrik Water Resistant XLR Connectors

Heavy duty XLR cable connector for outdoor use. All metal design, dust and water protected according to IP 65 by mating with related XX-HD cable connector or MPR-HD chassis connector. Gold contacts standard.



NC3MX-HD	3-Pin Stainless Steel Male XLR with metal boot	\$10.39 Ea.
NC3FX-HD	3-Pin Female XLR, metal boot with rubber jacket	\$9.80 Ea.
NC3FXX-HD-D	XX Series 3-Pin Female XLR	\$223.50 Ea.
NC3MXX-HD-D	XX Series 3-Pin Male XLR	\$227.75 Ea.

## Neutrik NP2XX-SILENT 2 Pole Professional Phone Plug with Rubberized Shell

2 pole 1/4" professional phone plug, gold plated contacts, rubberized surfaces for best haptic experience, "silent switch" The silentPLUG automatically mutes (shorts) an instrument (guitar) cable to avoid pops and squeals when changing the instrument (guitar) under load.



NP2XX-SILENT • \$12.93 • 100+ \$12.54





### TRUE OUTDOOR PROTECTION

The highly innovative entertainment industry is permanently evolving accompanied by increasing demands on interconnection systems. Particularly environmentally sealed connectors are highly requested for heavy duty and harsh environment applications of entertainment equipment like PA systems, signs and LED screens or lightings. Neutrik took up the challenge and developed a new line of TRUE OUTDOOR PROTECTION (TOP) products for demanding outdoor applications.

- Heavy duty sealed power connector for harsh and demanding environment
- Outdoor protection according to IP65 and UL50E enclosure type 4 (in mated condition) • Uses high impact UV-resistant materials
- True mains connector with breaking capacity (CBC) • Lockable 16 A single phase connector (USA: 20 A)
- Easy and reliable twist lock system • Extremely robust and reliable
- Unique Neutrik cable retention • ENEC certified according to IEC 60320 • UL498 certified

### Neutrik PowerCON TRUE1 TOP Cable End Connectors



The powerCON TRUE1 TOP is a locking 16 A true mains connector for outdoor applications. It replaces appliance couplers wherever a very rugged solution in combination with a locking device is needed in order to guarantee a safe power connection. The powerCON TRUE1 TOP is a connector with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.

**NAC3FX-W-TOP** • 16A Locking female, PWR Out, Screw Terminals, IP65, UV Rated • **\$9.86**

**NAC3FX-W-TOP-D** • 20A Locking Female, PWR Out, Screw Terminals, IP65, UV Rated • **\$490.00**

**NAC3MX-W-TOP** • 16A Locking male, PWR In, Screw Terminals, IP65, UV Rated • **\$9.86**

### Neutrik PowerCon XX Series AC Connectors

The powerCON FXXA/FXXB is a single phase (3 conductor) lockable power connector with Circuit Breaking Capability when mated with powerCON XX Series receptacles.

It replaces appliance couplers wherever a very rugged solution in combination with a locking device is needed to guarantee a safe power connection. IEC EN 60320-1 compliant

Power Input (Blue)

**NAC3FXXA-W-L** Cable End, Large Chuck **\$7.51 ea.** • **10+** **\$7.29** • **25+** **\$7.08**

**NAC3FXXA-W-S** Cable End, Small Chuck **\$7.51 ea.** • **10+** **\$7.28** • **25+** **\$7.07**

Power Output (Grey)

**NAC3FXXB-W-L** Cable End, Large Chuck **\$7.51 ea.** • **10+** **\$7.28** • **25+** **\$7.07**

**NAC3FXXB-W-S** Cable End, Small Chuck **\$7.51 ea.** • **10+** **\$7.28** • **25+** **\$7.07**

### Neutrik PowerCon AC Connectors

PowerCon® is a lockable 3 pole equipment (AC) connector with contacts for line, neutral, and pre-mating safety grounds. It is rated at 20A/250V AC. Custom Keyed Power-In (Blue) and Power-Out (Gray) Color coded for easy identification. The contacts are designed to prevent damage from arcing when disconnected while under load. Chuck style type cable strain relief. Note: PowerCon connectors are not to be used as a "Mains" connector.

Power Input (Blue)

**NAC3FCA** Cable End Connector **\$7.16** Each **10+** **\$6.43** **25+** **\$6.24**

**NAC3MPXXA** Chassis Mount Connector **\$3.79** Each **10+** **\$3.68** **25+** **\$3.57**

Power Output (Grey)

**NAC3FCB** Cable End Connector **\$7.16** Each **10+** **\$6.30** **25+** **\$6.12**

**NAC3MPXXB** Chassis Mount Connector **\$3.71** Each **10+** **\$3.60** **25+** **\$3.50**



### Neutrik 3-Pin TOP Series XLR Connectors

3 pole male cable connector, TRUE OUTDOOR PROTECTION, gold contacts



The X-TOP series is a "heavy-duty" XLR cable connector for outdoor use. Outdoor protected by mating with related cable/chassis connector of the XLR TOP range (IP65). Gold contacts are standard.



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**NC3MX1-TOP** • 3-Pole Male Cable End ..... **\$10.14**

**NC3FX1-TOP** • 3 Pole Female Cable End ..... **\$9.79**

### Neutrik 5 Pole Male Connector

The Neutrik X-TOP series NC5MX-TOP is a "heavy-duty" XLR cable connector for outdoor use. Outdoor protected by mating with related cable or chassis connector of the XLR TOP range (IP65 and UL50E). Gold contacts are standard.

**NC5MX1-TOP** • 5-Pin Male • **\$12.24**

**NC5FX1-TOP** • 5-Pin Female • **\$11.69**



### Neutrik Cable Carrier X Series etherCON - Shell Only

A cable connector carrier that consists of a velour chromium shell, chuck and boot. The boot is suitable for cable diameters from 5 - 8 mm. For non pre-assembled cables only. Upgrades a conventional RJ45 connector to an extremely robust, outdoor protected lockable solution (IP65 & UL50E).

**NE8MX-TOP** • **\$3.60**



### Neutrik etherCON CAT5 D TOP Series

The Neutrik **NE8FDP-TOP** is an RJ45 feedthrough receptacle, combined with sealing kit SE8FD-TOP. Includes a D-shape metal flange with the latch lock & mount screws.

Neutrik **NE8FDV-TOP** Vertical PCB panel mount RJ45 receptacle, combined with sealing kit SE8FD-TOP, max. panel thickness 4 mm, mounting screws included.

**NE8FDP-TOP** • **\$12.43** / **NE8FDV-TOP** • **\$7.76**



### Neutrik PowerCON TRUE1 TOP Receptacles

The powerCON TRUE1 TOP is a locking 16 A true mains connector for outdoor applications. It replaces appliance couplers wherever a very rugged solution in combination with a locking device is needed in order to guarantee a safe power connection.



**NAC3PX-TOP** • Duplex Male/Female Power in/out ..... **\$11.43**

**NAC3MPX-TOP** • Male Power in ..... **\$4.67**

**NAC3MPX-WOT-TOP** • Male Power in without Tang ..... **\$4.67**

**NC3FDX-TOP** • 3 Pole Female Chassis ..... **\$6.30**

### Neutrik X Series 1/4" Connectors

The thinnest 1/4" plug with unique Neutrik chuck type strain relief available on the market. Meets the most recent requirements for highest packing density, which is 15.88mm jack pitch.

#### 1/4" Nickel Shell / Nickel Contacts

**NP2X** • 2-Pole Male Straight **\$3.70**

**NP2RX** • 2-Pole Male Right Angle **\$5.39**

**NP3X** • 3-Pole Male Straight **\$8.33**

**NP3RX** • 3-Pole Male Right Angle **\$8.33**

#### 1/4" Black Shell / Nickel Contacts

**NP2X-BAG** • 2-Pole Male Straight **\$3.69**

**NP2RX-BAG** • 2-Pole Male Right Angle **\$5.51**

**NP3X-BAG** • 3-Pole Male Straight **\$5.60**

**NP3RX-BAG** • 3-Pole Male Right Angle **\$8.77**

#### 1/4" Black Shell / Gold Contacts

**NP2X-B** • 2-Pole Male Straight **\$4.53**

**NP2RX-B** • 2-Pole Male Right Angle **\$5.99**

**NP3X-B** • 3-Pole Male Straight **\$6.86**

**NP3RX-B** • 3-Pole Male Right Angle **\$9.81**



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powerCON® TRUE1® TOP • etherCON® TOP • XLR TOP



Delivering superior connectivity to the most demanding environments

**NEUTRIK®**  
a brand of **Neutrik Group**



**Belden 3 Piece Crimp BNC Connectors**

The 3-piece connector delivers excellent return loss performance and quality that exceeds expectations of the typical 3-piece connector; featuring a precision machined BNC nut and extended head knurl nut for easy grip. Excellent Return Loss through 4.5GHz exceeds SMPTE specifications. Enhanced to fit perfectly with Belden Brilliance Cable

<b>BL-4505RBUHD3B50</b>	4505R RG59 Cable, 50 Pack.....	<b>\$149.95</b>
<b>4505RBUHD3</b>	4505R RG59 Cable, Each.....	<b>\$3.67</b>
<b>BL-4694RBUHD3B50</b>	4694R RG6 Cable, 50 Pack.....	<b>\$145.95</b>
<b>4694RBUHD3</b>	4694R RG6 Cable, Each.....	<b>\$3.67</b>
<b>BL-4855RBUHD3B50</b>	4855R Mini-RG59 Cable, 50 Pack.....	<b>\$139.99</b>
<b>4855RBUHD3</b>	4855R Mini-RG59 Cable, Each.....	<b>\$3.73</b>
<b>BL-1855ABHD3</b>	1855A Mini RG59, Purple Band.....	<b>\$2.70</b>
<b>BL-1505ABHD3</b>	1505A RG59, Red Band.....	<b>\$2.70</b>
<b>BL-1694ABHD3</b>	1694A RG6BNC, Green Band.....	<b>\$2.70</b>
<b>BL-179DTBHD3</b>	179DT Digital Truck Coax, Yellow.....	<b>\$2.70</b>
<b>BL-BB3PHCT</b>	Crimp Tool with Die for all Crimp Connectors.....	<b>\$281.48</b>

**Belden 12 GHz 1-Piece Compression BNC Connectors**

<b>BL-4855RBUHD1</b>	Belden 4855R Mini-RG59.....	<b>\$4.78</b>
<b>BL-4694RBUHD1</b>	Belden 4694R Coax.....	<b>\$4.43</b>
<b>4505RBUHD1</b>	Belden 4505R Coax.....	<b>\$4.43</b>
<b>BL-1855ABHD1</b>	Belden 1855A/22-24 AWG Mini RG59.....	<b>\$3.40</b>
<b>BL-1694ABHD1</b>	Belden 1694A RG6.....	<b>\$3.25</b>
<b>BL-1505ABHD1</b>	Belden 1505A RG59.....	<b>\$3.25</b>
<b>BL-1695ABHD1</b>	Belden 1695A RG6.....	<b>\$3.50</b>
<b>BL-1794ABHD1</b>	Belden 1794A.....	<b>\$3.25</b>
<b>BL-179DTBHD1</b>	Belden 179DT Mini RG-59.....	<b>\$3.50</b>

**Canare BNC Crimp Connectors**

- True 75 ohm Construction • The world's most advanced BNC plug • Developed for use with 12G-SDI UHD video coax cable • Return loss at 12 GHz is 15 dB, 26 dB @ 3 GHz

Model	Fits Canare	Crimp Die	Each
<b>BCP-D55UHD</b>	L-5.5CUHD 12G Coax	TC-D-55UHD.....	<b>\$4.34</b>
<b>BCP-D33UHD</b>	L-3.3CUHD 12G Coax	TC-D-35C.....	<b>\$4.11</b>
<b>BCP-B26</b>	Belden 1855A 3G Coax	TC-D-35C.....	<b>\$2.49</b>
<b>BCP-B4F</b>	L-4CFB/ L-4CHD/ 1505A	TC-D-451C.....	<b>\$2.83</b>

**Canare 12GHz BNC Adapters**

- BNC feed-thru adapters designed specifically for 12G applications
- Supports SMPTE ST 2082-1 12G-SDI standards for UHD-SDI (4K 2160p), as the next-generation of the single-link SDI formats

<b>BCJ-JK</b>	BNC Female to BNC Barrel Connector Extension Adapter....	<b>\$4.11 ea.</b>
<b>BCJ-JRK</b>	Panel Mount Barrel Connector - Bulkhead Receptacle.....	<b>\$4.47 ea.</b>
<b>BCJ-JRUDK</b>	D-Type Flush Mount Female to Female Barrel.....	<b>\$7.69 ea.</b>
<b>BCJ-JRUK</b>	BNC Flush-Mount Barrel - ITT XLR-F77.....	<b>\$5.59 ea.</b>

**Connectronics DIN 1.0 / 2.3 Connectors**

DIN 1.0/2.3 FPB 3-Piece Broadcast connector for with crimp center pin. Return loss of >10dB out to 4.5 GHz.

<b>DIN-1023-1855</b>	Belden 1855A.....	<b>\$4.49</b>
<b>DIN-1023-4855</b>	Belden 4855R 12G Coax.....	<b>\$6.95</b>

**75Ω Broadcast Digital BNCs**

KINGS® Series 2065 75Ω Broadcast BNC connectors meets the broadcast industry's HDTV requirements. DC to 3 GHz. Nickel Over Brass Construction for Longevity & Reliability. Military Spec Design MIL-C 39012 • Gold Plated Center pin offers corrosion resistance • Crimps tight every time for superior cable pull strength • -20 dB to 5 GHz return loss



<b>2065-2-9</b>	Belden 1505A, 1506A; West Penn WP-819.....	<b>\$2.19</b>
<b>2065-2-9-M66</b>	Belden 1505A, 100 Pack.....	<b>\$239.00</b>
<b>2065-10-9</b>	Belden 1694A, 9248; West Penn WP-6350.....	<b>\$2.19</b>
<b>2065-10-9-M66</b>	Belden 1694A, 100 Pack.....	<b>\$239.00</b>
<b>2065-11-9</b>	Belden 1855A 1865A & Gepco VDM230.....	<b>\$2.19</b>
<b>2065-11-9-M66</b>	Belden 1855, 100 Pack.....	<b>\$239.00</b>

**Kings Brand DIN 1.0 / 2.3 RF Connectors**

Kings brand DIN 1.0/2.3 RF coaxial connectors with the reputation for high quality and high reliability, will provide an exceptional product that features a quick connect Push/Pull coupling system for easy mating. The 7201N is the Point and Shoot version which has a fixed center contact. The 7202N is a 3-Piece version with a crimp center pin. Both are capable of operating up to 10 GHz and a mating life of 500 cycles. Complies with CCCE 22230, DIN 41626, and DIN 47297 specifications.



<b>0345-E00-C7201N</b>	2-Piece (fixed center pin).....	<b>\$4.75</b>
<b>0345-E00-C7202N</b>	3-Piece (crimp center pin).....	<b>\$6.09</b>
<b>345-E00-C7101N</b>	2-Piece (crimp center pin) for Belden 1505A.....	<b>\$6.49</b>
<b>KNG-206G-034-1N</b>	DIN Jack to BNC Jack Adapter.....	<b>\$8.09</b>
<b>KNG-206G-034-2N</b>	DIN Plug to BNC Jack Adapter.....	<b>\$16.39</b>
<b>KNG-206G-034-3N</b>	DIN Jack to BNC Jack Chassis Mount Connector.....	<b>\$14.89</b>
<b>KNG-206H-034-1N</b>	DIN Jack to BNC Male Inline Adapter.....	<b>\$9.25</b>

**Kings Brand Crimp Tools & Dies**

Kings interconnection solutions from the camera, through to the broadcast studio, and to the "up-Links."



<b>KTH1000</b>	Crimp Frame (ONLY).....	<b>\$489.00</b>
<b>KTH-2261</b>	Die: 2065-2-9 and 2065-7-9.....	<b>\$269.00</b>
<b>KTH-2004</b>	Die: 2065-8-9.....	<b>\$305.00</b>
<b>KTH-2255</b>	Die: 2065-10-9.....	<b>\$269.00</b>
<b>KTH-2025</b>	Die: 2065-11-9.....	<b>\$269.00</b>

**Connectronics Video Adapters**

Exclusive Nickel Over Brass Design • Non-Corrosive • Better Conductivity • Longer Lasting



<b>BF-BF</b>	BNC Female to BNC Female Barrel.....	<b>\$4.19</b>
<b>B-2BF</b>	BNC Male to 2 BNC Females (T).....	<b>\$4.42</b>
<b>P-BF</b>	Phono (RCA) Male to BNC Female.....	<b>\$1.69</b>
<b>B-BFRA</b>	BNC Female to BNC Male Right Angle.....	<b>\$3.95</b>
<b>B-FJ</b>	BNC Male to F Female.....	<b>\$2.29</b>
<b>F-BF</b>	F Male to BNC Female.....	<b>\$1.95</b>



## Neutrik 75Ω Rear Twist BNCs

Rear-TWIST Principle™ locking/unlocking using the easily accessible soft touch boot • Ideal for recessed bulkheads where access to the “head” of the connector might be an issue. These connectors turn from the back and not the front. • True 75 Ω design meets the stringent HDTV / DVD requirements • Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles!



<b>NBNC75BDD6X</b>	Belden 4855R, 1855A, 12G Model.....	<b>Your Price \$3.46</b>
<b>NBNC75BDD6</b>	Belden 1855A Mini Coax .....	<b>Your Price \$3.01</b>
<b>NBNC75BLP7</b>	Canare LV-61S & Belden 8241 & RG59 .....	<b>Your Price \$3.01</b>
<b>NBNC75BLP9</b>	Canare L-4CFB & Belden 1505A, 1426A .....	<b>Your Price \$3.01</b>
<b>NBNC75BTU11</b>	Belden 1694A & Gepco VSD2001 .....	<b>Your Price \$3.01</b>
<b>NBNC75BF14</b>	Belden 179DT Mini Coax .....	<b>Your Price \$4.57</b>



### Rear Twist BNC Boots

**NEUTRIK®**

<b>BST-BNC-5</b> • Green.....	<b>\$0.34</b>	<b>BST-BNC-0</b> • Black.....	<b>\$0.40</b>
<b>BST-BNC-6</b> • Blue.....	<b>\$0.34</b>	<b>BST-BNC-2</b> • Red .....	<b>\$0.40</b>
<b>BST-BNC-7</b> • Violet.....	<b>\$0.34</b>	<b>BST-BNC-3</b> • Orange.....	<b>\$0.40</b>

**NEUTRIK®**

### Neutrik 75Ω BNC Bulkheads

“D” sized panel mount recessed BNC connectors and isolated panel mount feed through BNCs from Neutrik. Gold plated center pins and excellent return loss / VSWR ratings.

<b>NBB75DFGB</b>	Grounded recessed BNC barrel, Black.....	<b>\$10.80 ea.</b>
<b>NBB75DFG</b>	Grounded recessed BNC barrel .....	<b>\$10.40 ea.</b>
<b>NBB75DFIB</b>	Isolated recessed BNC barrel, Black .....	<b>\$10.39 ea.</b>
<b>NBB75DFI</b>	Isolated recessed BNC barrel.....	<b>\$10.11 ea.</b>
<b>NBB75FI</b>	Isolated BNC bulkhead feed-through.....	<b>\$8.00 ea.</b>
<b>NBB75FG</b>	Grounded BNC bulkhead feed-through.....	<b>\$8.59 ea.</b>



### Neutrik NBB75DFGX UHD BNC Chassis Connector

Optimized gold plated cage type center contact for UHD signals as 4K or 8K. Swiss black chrome plating. Grounded panel mount. Standard D-shape housing provides flush mounting and protection from damage. Color coding possible. Fully compatible with conventional BNC cable connectors



**NBB75DFGX • Your Price \$10.49**

### Neutrik RCA-D Series RCA Bulkheads

**NEUTRIK®**

Color coded RCA connectors in Neutrik D Series housings with RCA Front / Rear Solder connections.

**NF2D-\*** • Silver **\$4.71 ea.**      **NF2D-B-\*** • Black **\$5.06 ea.**

\*Add Bushing Color: 2 = Red, 4 = Yellow, 5 = Green, 6 = Blue, 9 = White



### Amphenol Video BNC Adapters & Connectors



<b>034-1110-12G</b>	HD-BNC Jack to HD-BNC Jack, Isolated, Bulkhead Adapter, 12G Optimized 75 ohm.....	<b>\$42.95 ea.</b>
<b>AMPH-0317054012G</b>	Female BNC Jack to Male HD Adapter, 12G Optimized 75 ohm.....	<b>\$37.65 ea.</b>
<b>AMPH-031-9-7512G</b>	BNC Jack to BNC Plug, Right Angle Adapter, 25-Pack, .....	<b>\$25.20 ea.</b>
<b>AMPH-242229-75</b>	DIN 1.0/2.3 Jack to BNC Jack.....	<b>\$41.91 ea.</b>

### Amphenol Crimp Plug 12G BNC Connectors for 12G Cable

12G Optimized, 75 Ohm RF Connector, BNC Straight Crimp Plug for the Belden cables.

- Body Finish: Nickel • Body Material: Brass or Phosphor Bronze • Contact Finish: Gold • Contact Material: Brass • Contact Termination Style: Cable - Crimp • Insulator Material: PTFE • Coupling Mechanism: Bayonet • Max Frequency (GHz): 12 • Polarity

**Amphenol®**

<b>AMPH-0317053712G</b>	Belden 4855R/1855A Cable .....	<b>Your Price \$6.49 ea.</b>
<b>AMPH-0317054812G</b>	Belden 4694R Cable.....	<b>Your Price \$9.75 ea.</b>
<b>AMPH-0317054612G</b>	Belden 4505R Cable.....	<b>Your Price \$6.95 ea.</b>
<b>AMPH-031-70534</b>	Belden 4794R Cable.....	<b>Your Price \$5.95 ea.</b>
<b>AMPH-0317055812G</b>	Belden 4694P Plenum Cable.....	<b>Your Price \$19.45 ea.</b>



### Amphenol 3-Piece Crimp 12G BNC Jacks

- Specifications:
- Gender: Jack • Orientation: Straight • Termination Style: Cable - Crimp • Impedance (Ohms): 75 • Body Finish: Nickel • Body Material: Phosphor Bronze Contact • Finish: Gold Contact • Material: Phosphor Bronze

<b>AMPH-0317053812G</b>	Belden 4855R/1855A Cable .....	<b>Your Price \$8.59 ea.</b>
<b>AMPH-0317054712G</b>	Belden 4694R Cable.....	<b>Your Price \$11.65 ea.</b>
<b>AMPH-0317053912G</b>	Belden 4794R Cable.....	<b>Your Price \$10.95 ea.</b>

### Amphenol Straight Crimp Plug 12G HD-BNC Connectors

**Amphenol®** 12G Optimized, 75 Ohm RF Connector, HD-BNC Straight Crimp Plug for the Belden Cables.



- Body Finish: Nickel • Body Material: Brass
- Contact Finish: Gold • Contact Material: Phosphor Bronze
- Contact Termination Style: Crimp • Insulator Material: PTFE

- Coupling Mechanism: Bayonet • Max Frequency (GHz): 8 • Polarity: Standard

<b>AMPH-034-110712G</b>	Belden 4855R/1855A Cable .....	<b>Your Price \$11.29 ea.</b>
<b>AMPH-034-112112G</b>	Belden 4694R Cable.....	<b>Your Price \$12.45 ea.</b>
<b>AMPH-034-112012G</b>	Belden 4505R Cable.....	<b>Your Price \$13.15 ea.</b>
<b>AMPH-034-110412G</b>	Belden 4794R Cable.....	<b>Your Price \$11.75 ea.</b>
<b>AMPH-034102612G</b>	Belden 1855A Cable .....	<b>Your Price \$12.15 ea.</b>
<b>034-1026</b>	Belden 1855A Cable, 3G Model .....	<b>Your Price \$11.69 ea.</b>

### Amphenol Right Angle Crimp Plug 12G HD-BNC Connectors

12G Optimized, 75 Ohm RF Connector, HD-BNC Right Angle Crimp Plug for the Belden Cables.



- Body Finish: Nickel • Body Material: Brass • Contact Finish: Gold • Contact Material: Phosphor Bronze
- Contact Termination Style: Crimp • Insulator Material: PTFE • Coupling Mechanism: Bayonet • Max Frequency (GHz): 8 • Polarity: Standard

<b>AMPH-034-111812G</b>	Belden 4855R/1855A Cable .....	<b>Your Price \$13.20 ea.</b>
<b>AMPH-034-111912G</b>	Belden 4794R Cable.....	<b>Your Price \$27.39 ea.</b>

### Amphenol 75-Ohm 12G BNC Male Crimp Connectors

Amphenol RF's line of high-frequency BNC and HD-BNC connectors support data transfer rates of up to 12Gb/s enabling the transmission of high resolution uncompressed video signals.



**Amphenol®**

- 12 Gb/s performance per SMPTE standard • One channel for 4K or Ultra-HD quality • Variety of PCB and cable products • Familiar BNC bayonet coupling mechanism
- |                       |                              |                              |
|-----------------------|------------------------------|------------------------------|
| <b>AMPH-112955-11</b> | Belden 1855A/1865A Coax..... | <b>Your Price \$3.49 ea.</b> |
| <b>AMPH-112951-11</b> | Belden 1505A Coax .....      | <b>Your Price \$7.65 ea.</b> |
| <b>AMPH-112957-11</b> | Belden 1694 Coax.....        | <b>Your Price \$4.65 ea.</b> |



## Greenlee 1389 Universal BNC/TNC Crimp Tool

- The Greenlee / Paladin 1389 Crimps true 75 ohm HDTV BNC/TNC coaxial connectors for the most popular cable and connector types. • Cable Type : Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F, 179DT • Connection : HDTV BNC/TNC True 75 OHM • Connector style: Kings, ADC, B&L, Trompeter, Amphenol, Switchcraft
- Crimping Range : 0.178 IN (4.500 MM), 0.255 IN (6.500 MM), 0.278 IN (7.000 MM), 0.068 IN (1.700 MM), 0.041 IN (1.000) Hex • Lifetime warranty!

**PAL-1389 • Your Price \$75.95**



## Greenlee PA1366 Crimp Tool for Belden RG59 4505R or RG174 4855R/1855A Mini-RG59 Coax Cable

An interchangeable-die crimp tool and the answer for precision crimping at an affordable price. These tools crimp the most popular connectors from Kings, Amphenol and Canare.

- High crimp pressure with minimal hand force • Controlled ratcheting for precise crimping • Over 45 die sets available • Fully ratcheting cycle with safety release • Lifetime warranty • HDTV Kings and ADC 3-Piece and 2-Piece BNC/TNC for Belden 1855A Mini Coax RG174, RG59/62, mini-coaxial & Amphenol 031 and 034 Series 12G Connectors used with Belden 4855R or 4505R • Crimp Ferrule Sizes: 0.255", 0.197", 0.178" • Center Pin Crimp: 0.068" Hex & 0.042" Square

**PAL-1366 • Your Price \$94.44**



## Greenlee PA8049 Universal HDTV CrimpALL Crimp Tool with 2699 Die for Popular Belden Coax & Amphenol BNC

- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release • Interchangeable die sets of heat-treated steel for long life • Soft, rubber-embedded handles • Long lasting tool that delivers over 50,000 crimp cycles • Rugged, double-plated jaw design to increase life span 10-year warranty • Angled head to prevent awkward wrist bending during operation • Reduced handle grip distance makes it easy for both small and large hands • Higher crimp force produced with less hand force so hand doesn't tire as quickly • No break over hand-force -the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp- the CrimpALL does the work! • Manufactured using the newest fine blanking technologies

- EZI-Change die screws make changing die quick and easy -no screwdriver required

**PAL-8049 • Your Price \$95.84**



## Kings Crimp Tools & Dies

Winchester's KINGS Brand KTH-1000 Crimp Tool is a ratchet-release feature type tool that does not release until crimp is complete. KTH-2000 Die Sets not included, but can be purchased separately.

<b>KTH1000</b>	<b>BNC Crimp Tool</b> with Removable Die. (Die Not Included)	<b>\$489.00</b>
<b>KTH-2261</b>	Crimp Die for Kings 2065-2-9 and 2065-7-9 BNCs	<b>\$269.00</b>
<b>KTH-2004</b>	Crimp Die for 2065-8-9 BNC	<b>\$305.00</b>
<b>KTH-2255</b>	Crimp Die for 2065-10-9 BNC	<b>\$269.00</b>
<b>KTH-2025</b>	Crimp Die for 2065-11-9 BNC	<b>\$269.00</b>



## Tripplett TT-325 Modular Crimp Tool for CAT5 / CAT6 / CAT7 Pass-thru and RJ11/RJ12 Modular Plugs

Easily verify the proper wiring order with a visual inspection. The crimp tool simultaneously crimps and cuts so that wires will be properly flush to the front of the connector. The TT-325 features a compact design with ergonomic grip and comfortable compressing action.

**TRIPL-TT-325 • Your Price \$44.99**



## Canare TC-1 Hand Crimp Tool without Die

- Interchangeable die sets • Scissor ratchet action • Emergency release lever • Adjustable crimp force via drag washer • Hardened Swedish Steel construction • Rated at 50,000 du-racyle lifespan • Applications: Canare Crimp Plugs, BNC, F, RCA and More! • Serial Digital Video • HDTV Upgrades • NTSC Analog • Test Equipment • Satellite Headends • TELCOM

**TC1 • Reg. \$122.10 Your Price \$103.59**

### TC1 Die Sets

**TC-D-35C** BCP-D33UHD & BCP-B53 Connectors ..... **Your Price \$111.02**

**TC-D-5CF** BCP-B5F, BCP-B51F, BCP-C5FA Connectors ..... **Your Price \$81.14**

**TC-D-451C** BCP-B31F, BCP-B4F, BCP-A4 ..... **Your Price \$150.15**

**TCD-D253F** BCP-D33UHD, BCP-D25HW, BCP-D25HD ..... **Your Price \$282.94**

**TCD-55UHD** BCP-D55UHD 12G BNC ..... **Your Price \$349.99**



## Coax Connectors 96-HTS-75A Crimp Tool for True 75ohm 5.41 / 8.23 / 1.72Hex / 1.07 Sq & 0.95 Sq



- Coax Connectors 96-HTS-75A Ratchet Crimp Tool for terminating True 75 ohm BNC, Micro BNC and DIN 1.0/2.3 connectors to standard broadcast cables, with die cavities - 0.95mm / 0.037" A/F Square for centre contact, 1.07mm / 0.042" A/F Square for centre contact, 1.72mm / 0.068" A/F Hexagon for centre contact, 5.41mm / 0.213" A/F Hex, 8.23mm / 0.324" A/F Hex. Jaws can be reversed for left handed use.

**COA-96-HTS-75A • Reg. \$239.00 Your Price \$219.00**

## Belden Three-Piece Hex Connector Crimp Tool

The BB3PHCT is the all-in-one crimp tool for all Belden connectors. It is uniquely configured with one die set for use with all Belden three piece hex crimp connectors. The BB3PST preparation tool includes all required components to prepare cables used with the Belden three piece hex connectors.

**BL-BB3PHCT • Your Price \$281.48**



**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

## Neutrik HX-R-BNC Crimp Tool for DIE-R- Series

Use this specialized tool for crimping Neutrik BNC Connectors to your coax including the popular 75 Ohm rearTWIST cable connectors. This precision machined tool offers fast assembly and permits interchangeable dies. It is designed for use with DIE-R-BNC series dies (sold separately).

**HX-R-BNC • Reg. \$207.58 Your Price \$177.93**



## ICM CPLCRBC-BR Cable Pro Radial Double Bubble Compression Tool - Blue

A perfect solution for video coax integrations, structured wiring, security systems, satellite and other exposed wiring installations. Manufactured in the USA with 4100 series aircraft grade chromoly alloy. The CPLCRBC-BR creates a secure, permanent "double bubble" connection with the DB connectors to help keep out dirt, dust and other corrosion factors. A self-adjusting plunger head provides a precise and constant compression each and every time.

**ICM-CPLCRBC-B • Your Price \$149.00**



## Paladin PA1281 CST Pro 3-Level Coaxial Cable Stripper with Orange Cassette

- Paladin CST Pro 2-Level and 3-Level stripping tool with Orange blade cassette. CST Pro Orange Cassette 3-level
- Preset for 0.327" Braid and 0.146" Dielectric.
- Works with a wide range of cable diameters from .1 IN - .315 IN (2.5-8.0mm) including: RG58/59/62AU, RG6/6QS, RG174, Belden 1505A, 1855A & 8281 and mini-coax • Reversible-rollers easily adjust for various cable sizes including mini-coax



PAL-1281 • Your Price \$81.46

## Greenlee PA1247 3-Level Coaxial Cable Stripping Tool

The CST is a fixed blade system that accommodates 0.1-Inch - 0.315-Inch, (2.5 - 8.0mm) cable diameters including RG58/59/62AU, RG6, RG Quad, RG174, Belden 1505A, 1855A and 8281.

- Strips outer jacket, shield braid & inner insulation down to center conductor
- Interchangeable "memory" blade cassette
- Works with Kings 2065-10-9 and 2065-7-9 True HD 75 Ohm BNC connectors



PAL-1247 • Your Price \$128.48

## Greenlee PA1258 LC CST-Mini Coaxial Cable Stripper

2- & 3-level stripper for small diameter coaxial cables including: RG178, RG179, RG188, AT&T 735(A), NT735, Belden 1855A, 8218, LMR 100A, RG180, RG187, RG188A, RG405 & more. Pre-set strip lengths: outer jacket = .344" and inner dielectric = .094".

- Self-regulating tension • Adjust cutting depth on each blade for varying cable thicknesses with the included hex key



PAL-1258 • Your Price \$27.77

## Greenlee 1255 2 or 3 Level Coaxial Stripper for RG6/RG59

2 & 3-level coaxial cable stripper for RG58, RG59, RG62AU, RG6 and LMR 195, LMR200, LMR240. Pre-set strip lengths: outer jacket=.315" & inner dielectric=.157". Works with Kings 2065-2-9 True HD 75 Ohm BNC connectors.

PAL-1255 • Your Price \$22.43



## Belden 1797B Bonded Pair Separator Tool

The Belden Cable Preparation Tool (1797B) now makes it faster and easier than ever to strip the outer jacket from cables without damaging the inner conductors and insulation. The tool is ideal for use with Belden's DataTwist® 350, MediaTwist® and DataTwist 600e bonded-pair cables, providing special features that help separate twisted pairs.

BL-1797B • Your Price \$14.92



## Xcelite S1415NJS 5 Inch Tapered Relieved Head Diagonal Cutter with Cushion Grips

Xcelite S1415NJS 5 inch tapered relieved head diagonal cutter with cushion grips. • Tapered relieved head diagonal cutter. Tapered relieved head diagonal cutter • Flush cutting • For use in limited access areas • Green cushion grips

XCL-S1415NJS • Your Price \$36.21



## Canare TS100u 5-In-1 Universal Coax Cable Stripper

An amazing New "Five-In-One" Stripping Tool That Will Remember 5 Different Cable Setups! The stripper is preset to cut the most popular Belden and Canare coaxial cables including 1694A, 1505A, 1855A as well as L-2.5CHD and L-4.5CHD. Rely on the TS100U for accurate preparation of coaxial cables for termination with factory presets and no further adjustment needed.

TS100U • 5-In-1 Universal Coax Stripper • Reg. \$102.30 Your Price \$86.43



## ICM Cable Pro PSA59/6 RG59/6 Adjustable Cable Stripper with RG6 Flaring Tool

- Preps RG59 and RG6 60% quad shield drop wire. • Stripper cartridges come preset from the factory at the standard 1/4" x 1/4" prep. • Blades may be adjusted to different prep lengths on the PSA59/6 cartridge. • Spare cartridge is included • RG6 Flaring Tool on side.

ICM-PSA596 • Your Price \$42.30



## Belden DBPSAKIT Tech Express Compression Tool Kit

CPLCRBC-B Compression Tool and adapter tips. PSA59/6 Cable Strip Tool and extra blade cartridge These tools work together as a complete integrated system with F-Conn's DB series of compression connectors

BL-DBPSAKIT • Your Price \$225.03



**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

## Neutrik CS-BNC-RT Coax Cable Stripper for rearTWIST BNC Connector Assemblies

Various holders cover common cable types with outer diameter 4.0 - 8.0 mm. By exchanging the insert with the CS-BNC-TCI cassette, the same BNC stripper can be used for all Neutrik rearTWIST Tiny BNC connector assemblies.

CS-BNC-RT • Reg. \$198.02 Your Price \$169.73



**NEUTRIK**

## Simply45 - S45-801 Flush Cutter

- The Simply45 5" Premium Flush Cutter Tool is a must-have in every installer's tool kit. This is not some cheap made Chinese tool. This is a professional premium quality, Flush Cutter. The S45-801 is ideal for trimming LAN cable wire conductors, precise trimming for load bars, jacks and more. It can be used with copper wires up to 18AWG (1mm).

S45-801 • Reg. \$14.90 Your Price \$11.95



## Klein Tools D275-5 Lightweight 5-Inch Flush Wire Cutters

- Improved knife design snips wire up to 16 AWG producing a flat, flush cut
- Pinch cutting greatly reduces cutting effort and minimizes fly-off
- Grips designed for greater tool control
- Ultra slim profile increases access in confined areas
- Heat treated for increased durability
- Steel return spring for increased comfort during repetitive cutting
- Great for cutting small wire, zip ties and other fine material

KLT-D275-5 • Reg. \$18.38 Your Price \$18.18



**KLEIN TOOLS**



## Ideal 45-092 7-in Wire Stripper - 22 to 10 AW

- The 45-092 is a wire stripper for #10 to #22 AWG solid wire. It features Precision-ground, knife-type blades for clean, accurate stripping.
- Designed to handle general purpose, non-precision wire stripping. • Gripper keeps wire securely in place.
- One-step action reduces time for increased productivity.
- Spring-action mechanical advantage increases leverage while reducing operator fatigue

**IDL-45-092 • Your Price • \$59.95**



## Weller WE1010NA Digital Soldering Station with 70W Iron



**Weller**

- Includes: WE1 Soldering Station (120V, 70W) , WEP70 Soldering Iron with ETA tip, PH70 safety rest with sponge
- Tip temperature control range: 200F to 850F (100C to 450C)
- Intuitive navigation features: Password protection, Standby and Auto-off, temperature conversion

from ° F to ° C all on a new LCD screen • Password-protected to preserve settings

- Standby mode and Auto-off features conserves energy, protects equipment and extends tip life • 23V / 70 Watt high performance soldering pencil

**WEL-WE1010NA • Your Price • \$138.00**

## TechFlex Shrinkflex 1-1/2-Inch 3:1 Heat Shrink Tubing - 25 Foot Spool

The Techflex H3N1.50 is a high shrink ratio of Shrinkflex 3:1 heatshrink tubing ensures that the tubing will slip over large connectors or plugs and still provide a tight, professional seal when shrunk. Heatshrink tubing is the ideal way to create a tight, professional finish on any wire, hose or cable management project. Once shrunk, the tubing will hold its reduced state even in elevated temperatures. The wide range of available colors and diameters makes Techflex Heatshrink Tubing a perfect solution for any termination application.



**TECHFLEX**  
Braided Sleeving Products

- Shrink Temp. 194°F • Flame Retardant • Resists Common Automotive Chemicals
- Easily Installs Over Connectors & Splices • Mil-I-23053/5 • Cuts Clean with Scissors
- Polyolefin Grade H3N

**TFX-H3N150-25-BK • Your Price • \$79.00**

Black Standard. COLORS: CR = Clear; BE = Blue; BN = Brown; GN = Green; GY = Gray; OE = Orange; PE = Purple; RD = Red; YW = Yellow.

## Paladin 1873 Dual Speed 250 to 1100 Degree Variable Temperature Heat Gun



**Paladin®**

- Variable temperature heat gun kit for 250 to 1100 degree F applications. Perfectly suited for heat-shrink tubing, flex conduit & heat-shrink solder tube applications.
- Electronic variable heat control ranging from 250-1100 degrees F or 120-590 degrees C
- Two speeds: high or low • UL listed
- Comfortable, lightweight design reduces user fatigue
- Includes 3 nozzles: window nozzle, deflection nozzle & .47" (12 mm) focusing nozzle

- Double insulation safeguards injury from possible electrical failure inside gun

**PAL-1873 • Your Price • \$75.69**

## Cable Joe Clamp-On Roller Glide Cable Install Helper

Clamp-On Cable Installer with Great Cornering ! Clamp-on cable installer for guiding cables around corners, from trucks, and more. Heavy duty 6 roller design swings open & closed to load multi, power, audio & video cables. A major plus for remotes. Fully adjustable 3" square opening. Heavy duty C-clamp mount.



**CBL-JOE • Your Price \$138.95**

## LaserLine 21010-9 Pull String Shooter Cable Installation Kit

An installer's dream, the lightweight LaserLine 21010-9 is a CO2 powered device designed to cover greater distances than ever before when running low voltage cable by propelling a soft rubber tipped dart attached to a nylon pull string. The dart is equipped with a quick release attachment system that doesn't require tying or cutting. Increases productivity while decreasing labor intensity.



**WI-D21010-9 • Your Price \$289.00**

## Seco 90520 Gopher Pole Telescoping Wire Installation Tool Telescopes from 4 to 22 Feet!

Telescopic Cable Installation Tool Perfect For Installing Plenum Cables In Ceilings & Tight Spaces.

Self contained, non-conductive rigid fiber glass push-pull tool is lightweight and easy to carry.



**GO-POLE • Your Price \$192.95**

## Creep-Zit Pro 36ft. Threaded Connector Wire Running Rod Kit Includes 1 Glow-in-the-Dark Rod!

- Five FiberFuse™ 6 ft. push/pull rods with male and female threaded connector ends
- One luminous (glows in the dark) FiberFuse 6 ft. push/pull rod with male and female threaded connector ends • One threaded connector 6 ft. Fish-Tailz 1/8" diameter mesh pull sock • Luminous whisk threaded connector tip

- Lighted bullnose tip • One 12" ball chain threaded connector tip • Female bullnose threaded connector tip • Male bullnose threaded connector tip

**LSD-81-000 • Your Price \$117.76**



## Klein Tools VDV001819 VDV Apprentice Cable Installation Kit with Scout Pro 2 - 6-Piece Set

- This cable installation tools kit has all the essential tools for the VDV professional

**KLEIN TOOLS®**

- Versatile Scout® Pro 2 Tester locates and tests coax, data and telephone cables
- Ratcheting Modular Crimper cuts, strips and crimps Twisted Pair, Ethernet, RJ45 voice and data cables
- Multi-Connector Crimper crimps compression F, BNC, and RCA connectors to inside (premises) coaxial cable: Mini-coax, RG58, RG59, RG6, RG62, and RG6QS

- Snip features high carbon steel blades to maintain blade durability and sharpness
- Cable Stripper features exclusive sliding cable stop pre-measures cable for fast, accurate and repeatable strips

**KLT-VDV001819 • Your Price • \$239.00**



## Platinum Tools T130 VDV MapMaster 3.0 - Cable Tester



**PLATINUM TOOLS** The T130 VDV MapMaster 3.0 combines continuity testing, mapping, generating tones and length measurement functions into a single easy-to-use unit for installation, troubleshooting, and maintenance for telco, network, or coax cable.

- Tests to T568A/B wiremap configuration: shorts, opens, miswires, reverses and split pairs
- Single-ended Testing for Shorts & Split Pairs
- Measures Length in Feet/Meters
- Identifies cable location on active ports using flashing Port Link Light
- Easy to read, back lit LCD screen with large icons, glow-in-the-dark keypad and built-in LED flashlight
- Identify up to 20 network or coax cable runs at a time
- Audible Tone Generator, 4 selectable cadences

**PLAT-T130 • Your Price • \$142.85**

## PLATINUM TOOLS E-Z RJ45 Connectors



Simplifies terminations by allowing the wires to be inserted through the connector and out the front - allowing easy verification of proper wiring. Furthermore, electrical performance of the termination is optimized by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. Manufactured in the USA.

<b>PLAT-EZ5-50</b>	Cat5/5e 50 Pack Clamshell.....	<b>Your Price \$29.54</b>
<b>PLAT-100003B</b>	Cat5/5e 100 Piece Box.....	<b>Your Price \$58.00</b>
<b>PLAT-EZ5-100J</b>	Cat5/5e 100 Jar Pack.....	<b>Your Price \$58.00</b>
<b>PLAT-1000020</b>	Shielded Cat5/5e 50 Pack .....	<b>Your Price \$71.36</b>
<b>PLAT-1000021C</b>	Shielded Cat5/5e 10 Pack .....	<b>Your Price \$16.88</b>
<b>PLAT-EZ6-50</b>	CAT6 50 Pack .....	<b>Your Price \$33.39</b>
<b>PLAT-202010J</b>	CAT6 100 Pack .....	<b>Your Price \$65.41</b>
<b>PLAT-202016J</b>	CAT6+ 50 Pack with Strain Relief .....	<b>Your Price \$45.44</b>
<b>PLAT-100054C</b>	Pro Crimp Tool w/Tip Cutter .....	<b>Your Price \$80.36</b>

## ezEX-RJ45 Next-Gen Pass Through RJ45 Connectors



**PLATINUM TOOLS**

- Three models bridge conductor OD range of .033" to .048"
- Unshielded and shielded Internal/External versions available
- Solid or stranded conductors 24-22AWG
- Simple one piece pass through design, no bars or liners.
- Hi-

Low stagger termination, isolates conductors for high performance • The only pass through RJ45's that are UL listed for Poe and PoE+ • One piece RJ45 rated to 10G. Fast, easy termination on Cat5e/6/6A • UL Listed and Made in the USA

### Unshielded ezEX-RJ45 Connectors (Jar 100) Cable OD .290"

<b>PLAT-202038J</b>	ezEX38 Conductor OD .033"-.038" •	<b>\$65.44</b>
<b>PLAT-202044J</b>	ezEX44 Conductor OD .039"-.044" •	<b>\$65.44</b>
<b>PLAT-202048J</b>	ezEX48 Conductor OD .043"-.048" •	<b>\$79.30</b>

### Shielded ezEX-RJ45 Connectors (25 Pack)

Cable OD Internal ground .280", External .305"

<b>PLAT-100024C</b>	ezEX44 Internal, Conductor OD .039"-.044" •	<b>\$48.11</b>
<b>PLAT-100025C</b>	ezEX44 External, Conductor OD .039"-.044" •	<b>\$51.21</b>
<b>PLAT-100027C</b>	ezEX48 External, Conductors OD .043"-.048" •	<b>\$63.06</b>

### Clear Strain Reliefs



**PLATINUM TOOLS**

The innovative Snag Proof Strain Relief is designed specifically to be crimped with the EZ-RJ45 and ezEX-RJ45 plugs. **Note:** Compatible with EZ-RJ45 Cat6 connectors and all ezEX-RJ45 connectors except shielded with external ground. Pack of 100.

**PLAT-202036J • \$23.13**

## PLATINUM TOOLS



## Platinum Tools EXO Crimp Tools for ezEX-RJ45 and EZ-RJ45 Connectors

- Single cycle crimp and flush trim conductors
- Ergonomic high leverage design reduces hand stress & fatigue.
- Connectors latch into crimp station for precise crimp positioning
- Die may be reversed to suit left or right hand users.
- Never obsolete, use interchangeable dies for new connector families.
- Crimp unshielded and all internal/external shielded connectors

**PLAT-100061C** • EXO Crimper with die for all ezEX-RJ45 Connectors

**Your Price • \$86.67**

**PLAT-100062C** • EXO Crimper with die for all EZ-RJ45 Connectors

**Your Price • \$86.67**

## Platinum 751-1 Tool-Less Keystone Shielded Cat6A Jack

Made to fit industry standard wall plates and patch panels, the Platinum Tools 751-1 Keystone Cat6A Jack has a tool-less design that reduces tool cost since no punchdown tool is required. The color coded wire guide ensures pairs stay in the proper order for fast, easy terminations. This keystone jack is also designed to be reusable, and comes in multiple colors, so it can be used to replace old, worn out jacks or be integrated into newer projects with little difficulty.



**PLAT-751-1 • Your Price • \$10.88**

**PLATINUM TOOLS**

## F to F Keystone Couplers for Cat 5e, Cat 6, Cat 6A

Stop Punching - Platinum's new Keystone Couplers terminate in half the time of standard keystones! Simply terminate the cable with the Platinum RJ45 connector of your choice, plug it into the back of the Keystone Coupler, then snap the Coupler into a wall plate or surface mount box. • Terminate in 1/2 the time of punchdown keystones • No compromise in data throughput speeds • Standard keystone size works with most wall plates, surface-mount boxes, and unloaded patch panels



**PLATINUM TOOLS**

**PLAT-771-1** • CAT6A Shielded • **\$6.83** **PLAT-769-1** • CAT6 Shielded • **\$6.43**

**PLAT-770BK-1** • CAT6A Black • **\$6.16** **PLAT-768BK-1** • CAT6 Black • **\$4.19**

**PLAT-770WH-1** • CAT6A White • **\$6.16** **PLAT-768WH-1** • CAT6 White • **\$4.19**

## Platinum Tools 90188 ezEX-RJ45 Starter Termination Kit

The Platinum Tools 90188 ezEX-RJ45 Starter Kit includes everything needed to start terminating with the industries most advanced and versatile RJ45 connectors. EXO Crimp Frame with EX die will crimp and flush trim conductors on the entire family of ez-EXRJ45 connectors. Three one piece connector models included. Terminate Cat5e, Cat6 and Cat6A cables with OD to .290" and conductor range of .033" - .048". Connector speed compatibility to 10Gb and are UL Listed for Poe and PoE+ applications. **Item Includes:** 1x 100061 EXO Crimp Tool, 25x ezEX38 Connectors, 50x ezEX44 Connectors, 25x ezEX48 Connectors, 20x Strain Reliefs in assorted colors



**PLATINUM TOOLS**

**PLAT-90188 • Your Price • \$107.09**



**HOT!**
**Canare L-5CFW 18 AWG  
75 Ohm Digital Video  
Flexible Coaxial Cable**

- Solid Copper Center Conductor
- Foam PE Dielectric
- Dual Copper Braid for Flexibility

• Precision Coax 100% Sweep Tested

• Overall Diameter: 0.303" • Also available in Blue, Green, and Red

**L-5CFWBK-984 • Reg. \$959.20 Your Price \$765.00**

**Canare A3V2-FB 3-Balanced Audio & Dual Coaxial  
Remote Cable - 656 Foot Roll**


For ENG/EFP/OB applications. Narrow OD of .421 inch. Three balanced Audio channels (25 AWG twisted pair, foil shield with drain wire) plus a single 75 ohm Low Loss Video Coax channel (Canare L-3CFB, featuring a FOAM core dielectric with Solid Copper Center Conductor and double Shields 91% Braid over 100% Foil)

**A3V2-FB-656 • Reg. \$1967.90 Your Price \$1588.99**


**Canare 12G-SDI/4K-UHD Serial Digital Video Coaxial Cable**

	Gage	Strand	O.D.	pf/Ft	Braid	Jacket	Type	Max 4K Distance	656 Ft. Roll	984 Ft. Roll
L-33CUHD	21	Solid	0.216	16.7	0.12TA/8/16 92%	PVC/CMR	RG59	190 Feet	N/A	\$475.00
L-5-5CUHD	16	Solid	0.303	15.9	0.12TA/8/16 91%	PVC	RG6	328 Feet	\$519.00	\$815.00
L-8CUHD	13	Solid	0.437	15.9	0.12TA/8/16 90%	PVC	RG11	328 Feet	N/A	\$1449.99

**Canare L-3CFW 22 AWG Flexible Video Coaxial Cable**


The 984 ft Canare L-3CFW Flexible Digital Coaxial Cable is a precision 75 ohm digital video coaxial cable that supports a full range of video formats for professional broadcast applications. This cable is ideal for HD-SDI distribution. • Solid Copper Center Conductor • Foam PE Dielectric • Dual Copper Braid for Flexibility • Precision Coax 100% Sweep Tested • Overall Diameter:

0.23" • Cond. Material AWG: Bare Copper #22

**L-3CFWBK-984 • 984 Foot Roll • \$529.00**

**Gepco VSD2001 RG6 4.5GHz High Definition SDI Coax Cable**


The Gepco Brand high-definition video coax series has been engineered to feature a 4.5 GHz bandwidth (for HDTV transmission), a gas-injected foam dielectric, lower attenuation, more RG types, excellent crush resistance, easy termination and a flexible jacket. The gas-injected dielectric and precision process control are critical factors in achieving superior electrical performance including faster velocity of propagation, tight impedance tolerance, low attenuation and low structural return loss across the entire 4.5 GHz bandwidth.

**VSD2001-1000 • 1000 Foot Roll • \$604.28**

AWG	O.D.	Insulation	Shield	Jacket	UL	Weight
18 Solid RG6	.272"	Gas Inj. Foam PE .100"	95% TC Braid, 100% Foil	PVC	CMR	42 Lbs. Per M


**Gepco VS6230 23 AWG 6  
Channel Miniature Coax per Ft.**


- Thin Profile • Low Attenuation & Return Loss
- Precision 75 Ohm Impedance • All-weather TPE Master Jacket • 4.5GHz Bandwidth for Uncompressed HD Video • High Velocity of Propagation • Extra-flexible • Gas-injected Foam Polyethylene Dielectric

• Full Copper Braid & Foil Shield • 100% Sweep Tested

Conductor: 23 AWG Solid BC | Insulation (Type, OD): Gas-injected Foam PE, .100" | Shield: 95% TC Braid, 100% Foil | Coax Jacket (Type, OD): PVC, .164" | Master Jacket: TPE, Black | Impedance: 75Ω (+/-2) | Return Loss (100kHz-1GHz), (1GHz-4.5GHz): >23dB, >21dB | Capacitance: 16.5 pF/ft | Cond. DCR per Mft/ Shield DCR per Mft: 20.3 Ω/ 2.7Ω | Vel. of Prop: 82%

**VS6230 • Your Price per foot \$4.29**

**HOT!**
**West Penn Wire 819 CMR  
20AWG 3G-SDI RG59/U  
Coaxial Cable - 1000 Feet**


West Penn Wire 819 is a low cost RG59 coaxial cable capable of carrying 3.0Gb/s SMPTE 292M signals up to 220 Feet and a 1.5Gb/s SMPTE 292M signal up to 310 feet. The West Penn 819 is constructed with a 20 AWG solid center conductor and 100% Bi-Foil shield and a 95% Tinned Copper Braid. It has a PVC overall jacket and a 0.232" Outside Diameter.

**WP-819-1000BK • Reg. \$347.55 Your Price \$334.76**


**West Penn Wire 6350 CMR  
18AWG 3G-SDI RG6/U Coaxial Cable**

West Penn Wire 6350 is a low cost RG6 coaxial cable capable of carrying 3.0Gb/s SMPTE 292M signals up to 270 Feet and a 1.5Gb/s SMPTE 292M signal up to 400 feet.

**WP-6350-1000BK • Reg. \$479.00 Your Price \$449.00**

**West Penn Wire 25806 Plenum RG-6/U Video Cable Per Ft.**


Conductor: 18 AWG Bare Copper | Stranding: Solid | Insulation: Material Foam FEP | Insulation Thickness: 0.170" Nom. | Number of Conductors: 1 Center Conductor | Shield: 95% Bare Copper Braid | Jacket Material: Flexible Plenum PVC

| Overall Cable Diameter: 0.236" Nom. | Approximate Cable Weight: 26 Lbs/1M' Nom. | Flame Rating: UL NFPA 262

**WP-25806/P • Your Price per foot \$0.72**

**Gepco VDM230 Mini HD Coax Cable**


Miniature coax that features exceptionally low attenuation for its type while maintaining a reduced size and weight. All utilize a pure copper center conductor, low-loss foam polyethylene dielectric, and broadband foil and braid shielding. VDM230 features the same gas-injected dielectric found in the HD coax series making it ideal for Standard Definition digital video, AES3id digital audio, or High Definition digital video interconnect within mobile production trucks.

**VDM230-1000 • 1,000 Foot Roll • Your Price \$393.70**

AWG	O.D.	Insulation	Shield	Jacket	UL	Weight
23 Solid	.164"	Gas Inj. Foam PE .100"	95% TC Braid, 100% Foil	PVC	CMR	18 Lbs. Per M


**Gepco VHD2000M Extra-flexible High  
Definition Coax Per Ft.**


Extra-flexible, low-loss coax with a 3GHz bandwidth for uncompressed HDTV transmission. VHD2000M and VHD2001M feature a precision stranded center conductor, a unique double-braid shield, and a matte PVC jacket to achieve exceptional flexibility and flex-life without compromising the electrical performance required for HD video. For the insulating dielectric, VHD2000M and VHD2001M feature a crush-resistant, gas-injected polyethylene compound that reduces attenuation and extends the operating bandwidth.

**VHD2000M-0 • Your Price 1000 Foot Roll \$991.94**  
**VHD2000M-0-FT • Your Price per foot \$1.13**

AWG	O.D.	Insulation	Shield	Jacket	UL	Weight
21 19X34 Strand	.242"	Gas Inj. Foam PE .100"	95% TC Braid, 100% Foil	PVC	CMR	35 Lbs. Per M



## Belden 1192A Star Quad Low Impedance Mic & Instrument Cable

24 AWG stranded (42x40) Bare copper, polyethylene insulated, conductors cabled, tinned-copper braid shield (95% coverage), matte PVC jackets in Red, Green, Yellow, Blue, Gray, and Black. Non-Paired Microphone and Musical Instrument Four Conductor Star Quad Low Impedance Cable.



BL-1192A-500*	500 Foot Roll.....	<b>Your Price \$529.00</b>
BL-1192A-1000*	1000 Foot Roll.....	<b>Your Price \$1049.00</b>

\*Available in Black, Blue, Green, Gray, Red, Yellow

## Belden 8451 Shielded 22 AWG Stranded Microphone Cable

• Number of Pairs: 1 Total • Number of Conductors: 2 • AWG: 22 • Stranding: 7x30 Conductor • Material: TC - Tinned Copper • Insulation Material: PP - Polypropylene • Outer Shield Material Trade Name: Beldfoil (Z-Fold) • Outer Shield Material: Aluminum Foil-Polyester Tape • Outer Jacket Material: PVC - Polyvinyl Chloride



BL-8451-500	500 Foot Roll.....	<b>Your Price \$139.00</b>
BL-8451U-500	500 Foot Unreel Box .....	<b>Your Price \$149.95</b>
BL-8451-1000	1000 Foot Roll.....	<b>Your Price \$269.00</b>
BL-8451-1000U	1000 Unreel Box .....	<b>Your Price \$269.00</b>

## Belden 9451 2-Conductor Paired Microphone Cable

Paired- Audio, Control and Instrumentation Cable: The Belden 9451 is a fantastic, cost effective alternative for all your single pair analog audio needs. Whether it's in the studio or out on the road, the 9451 holds up to anything you can throw at it. Number of Pairs: 1 | Total Number of Conductors: 2 | AWG: 22 | Stranding: 7x30 | Conductor Material: TC - Tinned | Copper | Insulation Material: PP - Polypropylene | Outer Shield Material Trade Name: Beldfoil | Outer Shield Material: Aluminum Foil-Polyester Tape | Outer Jacket Material: PVC - Polyvinyl Chloride | Overall Nominal Diameter: 0.135"



BL-9451-1000 • Reg. \$459.60 **Your Price \$275.00**

## Belden 9451P Flamarrest 1 Pair 22AWG Plenum Audio Cable

Belden's 9451P has 22 AWG stranded (7x30) TC conductors, twisted pair, FEP insulation, overall Beldfoil shield (100% coverage), 22 AWG stranded TC drain wire, and a Flamarrest® jacket. Environmental Space: Indoor - Plenum | Conductor Count: 2 | Total Number of Pairs: 2 | Conductor Size: 22 AWG | Stranding: 7x30 | UL Temp Rating: 60°C | Operating Temp Range: -20°C To +75°C | Bulk Cable Weight: 14 lbs/1000ft | Max Recommended Pulling Tension: 27 lbs | Min Bend Radius/Minor Axis: 1.25 in | NEC/(UL) Specification: CMP | CEC/C(UL) Specification: CMP | CPR Euroclass: Eca



BL-9451P-1000 • Reg. \$938.20 **Your Price \$619.86**

## Belden 5101UE Security and Commercial Audio Cable

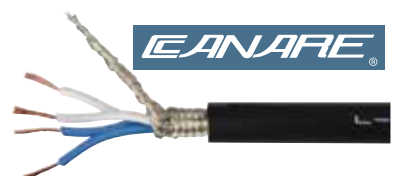
The Belden 5101UE 0081000 is a Security & Commercial Audio Cable, Riser-C13R-FPLR, 2-14 AWG Stranded Bare Copper Conductors with Polyolefin Insulation, Beldfoil Shield and PVC Jacket with Ripcord. Conductor: 14 AWG, 4 pair 19x27 stranding bare copper | Total Number of Conductors: 3 | Insulation Material: PP - Polypropylene | Outer Jacket Material: PVC - Polyvinyl Chloride - 0.232 Inch | Maximum Capacitance (unbalanced): 50 pF/100m



BL-5101UE-1000GY • Reg. \$1212.20 **Your Price \$879.18**

## Canare L-4E6S Star-Quad Microphone Cable

Highest signal isolation, unbelievable flexibility and durability. Special no-glare cable jacket. Used by America's leading soundmen and audio engineers. Flexible, smooth to the touch, extra-strong standard diameter (21 AWG) STAR QUAD cable that fits perfectly in all XLR-type connectors. With 40 separate strands in each conductor, breakage due to flexing is all but eliminated. Braided Copper Shield | Flexible in Extreme Cold Weather | Cross Linked PE Insulation | Reduced Handling Noise | Rejects EMI and RFI



L-4E6SBK-656\* 500 Foot Roll..... **Your Price \$299.95**

L-4E6SBK-1000\* 1000 Foot Roll..... **Your Price \$434.95**

\*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow

## Mogami W2330 Miniature Unbalanced Microphone Cable

The Mogami 2330-656 is designed for excellent sound in a compact unbalanced cable. Special fillers inside the conductor yield mechanical strength that is much higher than any comparable diameter cable without any special contrivance.



2330-328 • 328 Foot Roll • Reg. \$98.40 **Your Price \$69.95**

2330-656 • 656 Foot Roll • Reg. \$196.80 **Your Price \$139.90**

## Mogami 2549 22AWG 2-Conductor Microphone Cable

Mogami Neglex Balanced Mic Cable Designed For High End Recording Applications. Lower Capacitance Than Quad Style Cable. AWG #22. Capacitance @1khz 23pf/ft. .236" OD., Highly Flexible. Color: Black.



2549-656-BK • Reg. \$656.00 **Your Price \$479.00**

## West Penn Wire 291 22 AWG 2-Conductor Cable Mic Cable

WP291 is a popular 2 conductor shielded cable with drain wire and foil shield. Famous for all-purpose console facility use. Very cost effective! Perfect for amplifiers, PAs, speakers and more! Number of Conductors: 2 | AWG: 22 | Stranding: 7x30 | Nominal O.D.: 0.141 | ASTM tinned copper | PVC insulation | Short overall twist lengths | PVC fillers as required | Polyester binders as required | Overall shield 100% coverage of aluminum polyester foil with TC drain wire | Overall 75 Degree PVC jacket



WP-291-500 500 Foot Roll..... **Your Price \$66.31**

WP-291-1000\* 1000 Foot Roll..... **Your Price \$122.98**

\*Available in Black, Blue, Gray

## Belden 1312A 4 Conductor Direct Burial Audio Cable - 1000 Foot/ Crate Reel Put-Ups

Belden 1312A is a Speaker Cable, CL3 & CM-Rated, 4-12 AWG stranded high conductivity bare copper conductors with polyolefin insulation, PVC jacket with sequential footage marking every two feet. AWG: 12 | Stranding: 168x34 | Material: High conductivity bare copper. | Nominal Diameter: 0.105 inch | No. Of Conductors: 4 | UL Temp Rating: 75°C | Operating Temp Range: -20°C To +75°C | Bulk Cable Weight: 123 lbs/1000ft | Max Recommended Pulling Tension: 304 lbs | Min Bend Radius/Minor Axis: 4.25 in



BL-1312A-1000 • Reg. \$3135.30 **Your Price \$2589.00**

BL-1312A-1000-WE • Reg. \$3135.30 **Your Price \$2589.00**



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application. Our experienced Cable Shop is Belden certified and manufactures precision video and audio cables for an array of Data, Broadcast, and Pro-AV applications. Markertek is an authorized dealer of the entire BELDEN CDT line.



**BL-4855R**



**BL-4505R**



**BL-4694R**



**BL-4694RX5**



**BL-1505A**



**BL-1855A**



**BL-1694A**

**Belden 12G-SDI/4K-UHD Digital Coaxial Video Cable**

	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	Type	Max 4K Distance	1,000 Ft. Roll
BL-4855R	23	Solid	0.160	16.3	82%	Foil + 95% TC Braid	PVC/CMR	Mini RG59	149 Feet	\$889.00
BL-4505R	20	Solid	0.230	16.1	83%	Foil + 95% TC Braid	PVC/CMR	RG59	208 Feet	\$1020.96
BL-4694R	18	Solid	0.274	15.9	84.5%	Foil + 95% TC Braid	PVC/CMR	RG6	258 Feet	\$1252.93
BL-4794R	16	Solid	0.320	16.0	85%	Foil + 95% TC Braid	PVC/CMR	Series 7	321 Feet	\$2040.00
BL-4694F	18	Solid	0.276	15.9	84.5%	Double 95% TC Braid	PVC/CM	RG6 Flex	258 Feet	\$1849.00
BL-4694RX5	18	Solid		16.0	85%	Foil + 95% TC Braid	PVC/CMR	5x Bundled RG6	321 Feet	\$9127.39

**Plenum 12G/4K Coax Cable**

	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	Type	Max 4K Distance	1,000 Ft. Roll
BL-4855P	23	Solid	0.160	16.6	80%	Foil + 95% TC Braid	Plenum	Mini RG59	118 Feet	\$2093.39
BL-4505P	20	Solid	0.230	16.1	83%	Foil + 95% TC Braid	Plenum	RG59	155 Feet	\$3624.91
BL-4694P	18	Solid	0.274	15.9	84.5%	Foil + 95% TC Braid	Plenum	RG6	186 Feet	\$4455.05
BL-4731P	14	Solid	0.350	16.1	83%	Duofoil Bonded 95%	Plenum	RG11	243 Feet	\$12781.03

**Belden 3G-SDI Digital Coaxial Video Cable**

**Belden RG59 Coax Cable**

	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	Notes	500 Ft. Roll	1,000 Ft. Roll
BL-1505A	RG59/20	Solid	0.235	16.2	83%	100% Beldfoil	PVC/CM	HD / SDI / Analog	\$290.83	\$579.24
BL-1505F	RG59/21	7x29	0.242	17.0	78%	94% Braid	PVC/CM	1505 Flexible Version	N/A	\$859.00
BL-1506A	RG59/20	Solid	0.199	16.2	83%	100% Beldfoil	Flamarrest/CM	SDI/Plenum	\$1435.00	\$2869.00
BL-1855A	RG59/23	Solid	0.159	16.5	82%	100% Foil/Braid	PVC/CMR	SDI / Sub-Mini RG59	\$240.00	\$479.00

**Belden RG6 Coax Cable**

	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	Notes	500 Ft. Roll	1,000 Ft. Roll
BL-1694A	RG6/18	Solid	0.275	16.3	82%	100% Foil/Braid	PVC/CMR	HD / SDI	\$295.00	\$589.00
BL-1694F	RG6/19	7x27	0.274	16.5	80%	98% Foil/Braid	PVC/CMR	HD / SDI	N/A	\$949.00
BL-1695A	RG6/18	Solid	0.234	16.1	82%	100% Foil/Braid	Plenum	HD / SDI	\$950.00	\$1899.00

**Belden BNC Crimping Tools**



New to accompany their new line of Micro BNC Connectors, Belden has released the all new BB3 Crimping Tool Series! With a hardened steel frame and ergonomic Belden-blue handle, don't be caught on the job without the proper crimping tools you need! Note: Ensure model fits according size cable/ Micro BNC Connector.

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**SPECIFICATIONS:**

- Suitable Applications: To crimp Micro BNC connectors
- Frame: Steel
- Handle grip: Steel / Blue
- Environmental Space: Indoor
- Installation Temperature Range: -10°C To +50°C
- Storage Temperature Range: -40°C To +60°C

**BL-BB3PHCTD5** Fits 4794RMBUHD3 **\$439.00**

**BL-BB3PHCTD6** Fits 4855RMBUHD3 / 4855EMBUHD3 / 4505RMBUHD3 and 4694RMBUHD3 **\$439.00**

**Belden 4694RMBUHD3 3-Piece 12 GHz RG-6 Micro BNC Crimp Connector - 50/Pack**



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Belden's all new 3-Piece 12 GHz RG-6 Micro BNC Crimp Connector that is suitable for HD-SDI, UHD-SDI, Video, Digital Video, SMPTE 2082-1 12 Gb/s UHD TV, SMPTE 2081-1 6 Gb/s UHD TV, and SMPTE 424M 3 Gb/s HD-SDI 1080P applications. Available as a 50-pack.

This Locking Connector features a patent-pending locking design feature, a screw-lock collar to physically "lock" the bayonet nut of the BNC in position. This limits movement of the BNC head and creates coaxial alignment from the cable through the BNC center pin, delivering superior return loss performance.

The 1-piece design simplifies and speeds the installation by eliminating loose pins and sleeves. This allows for repeatable and consistent installations every time while delivering return loss performance on par with more time consuming, traditional 3-piece designs.

**BL-4505RMBUHD350** Fits 4505R cable **\$349.00**

**BL-4694RMBUHD350** Fits 4694R cable **\$389.00**

**BL-4794RMBUHD350** Fits 4794R cable **\$415.00**

**BL-4855RMBUHD350** Fits 4855R cable **\$369.00**





Belden 4K UHD Coax Cables for 12G-SDI maximize 4K signal transmission distance over a single coax, minimizing weight and space utilization compared to multi-link solutions. Full breadth of portfolio allows for flexibility in various applications and environments.



### BENEFITS

- SMPTE ST 2082-1 12G-SDI 4K D-Cinema, UHDTV1, UHDTV2
- Significant cable headroom guarantees -15 dB return loss (RL) from 4.5 GHz to 12 GHz
- SMPTE ST 2081-1 6G-SDI 4K D-Cinema, UHDTV1, UHDTV2
- Backward compatible with earlier SMPTE standards
- Saves up to 75% in stocking, pulling and termination costs
- Pre-terminated assemblies are 100% tested for quality assurance



### KEY APPLICATIONS

- Broadcast studios
- OB trucks
- Stadiums & venues
- Indoor/outdoor environments



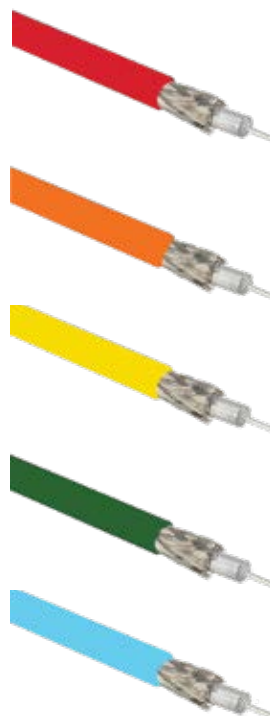
### CABLE FEATURES

- Solid silver-plated copper conductors offer excellent RL and transmission of high-frequency signals
- Tri-shield on larger cables for maximum transmission distance
- Inner foil is bonded to the cable core for improved RL performance and connector installation



### CONNECTOR FEATURES

- 1-piece compression, 3-piece crimp, locking or waterblocked
- Easy identification with colored connector bands
- Better gripping with patented design
- Properly seated center conductor with non-blind entry
- Excellent holding strength with internal 360 compression rings
- Locking BNC connectors maintain cable-to-connector alignment with screw-lock collars



**Belden 2183P CMP Plenum 4K UHD HDBaseT Ethernet Cable**

- 100% shielding provides protection from noise interference with AV signal
- Single overall shield construction saves significant termination time
- UL Limited Power (LP) rated to 0.6A per conductor
- Interoperable with leading manufacturers' AV equipment
- Up to 25% smaller than Category 7a
- Easy to bend and fit into small spaces
- Resistant to rigors of installation with Bonded-Pair, durable shield and helical drain
- Designed and tested specifically for optimal 4K UHD performance

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**BL-2183P-0250BK** • 250' Reel - Black • Reg. \$442.55 **Your Price \$429.29**  
**BL-2183P-1000BK** • 1000' Reel - Black • Reg. \$1823.30 **Your Price \$1505.68**

**Belden 2183R CMR Riser 4K UHD HDBaseT Ethernet Cable**

**BL-2183R-1000BE** • 1000' Reel - Blue • Reg. \$944.30 **Your Price \$777.17**  
**BL-2183R-1000BK** • 1000' Reel - Black • Reg. \$944.30 **Your Price \$777.17**

**Belden 10GXS12 CAT6A Cable  
4 PR 23 AWG - Riser-CMR***The Gold Standard of 10G Networking*

Through a unique combination of advanced engineering expertise and precision manufacturing, Belden has built upon the enabling technologies of its 10GX System to offer better noise immunity and performance that meets or exceeds Category 6A specifications. It not only gives you the performance you need to run current-day applications, but provides room for future growth and expansion.

10GXS cable has an improved shape for easier handling - a durable and lightweight round construction provides up to 25% space and weight savings. Superior crosstalk isolation and EMI suppression and up to 10dB of alien crosstalk headroom provide an optimized electrical performance.

**BL-10GXS121000\*** 1000' ..... **Your Price \$549.00**

**\*Specify Color:** BK = Black; BE = Blue; DG = Dark Green; GY = Gray; OE = Orange; RD = Red; VT = Violet; WE = White; YW = Yellow

**Belden 10GX62F Enhanced CAT6A  
F/UTP Bonded-Pair Cable**

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, Riser-CMR, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, Polyolefin Insulation, X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, PVC Jacket

**BL-10GX62F1000\*** 1000' ..... **Your Price \$859.00**

**\*Specify Color:** BK = Black; BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow

**Belden 10GX63F Enhanced CAT6A  
F/UTP Bonded-Pair Cable**

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, Plenum-CMP, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, FEP Insulation, X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, Flamarrest Jacket

**BL-10GX63F1000\*** 1000' ..... **Your Price \$1295.00**

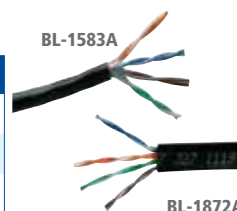
**\*Specify Color:** BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow

**KEY APPLICATIONS:**

- 10GBASE-T Ethernet
- 1000BASE-T as well as 2.5G and 5G Ethernet
- PoE Type 1 (15 W), Type 2 (30 W), Type 3 (60 W), Type 4 (90 W)
- IEEE 802.11ac Wave 1 and Wave 2 High-Throughput Wi-Fi
- HDBaseT, Broadband (CATV) and High-Speed Internet (DOCSIS)

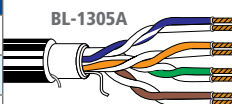
**BELDEN**  
SENDING ALL THE RIGHT SIGNALS**BELDEN CAT5e & CAT6 Cable - Black - See our website for White, Blue, Orange, Grey, Green, Red & Pink**

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
<b>BL-1583A</b>	CAT5e DataTwist	24	Solid	0.195	15.0	70%	Unshielded	PVC/CMR	<b>\$215.00</b>	29
<b>BL-1585A</b>	1583A Plenum	24	Solid	0.198	15.0	72%	Unshielded	Flamarrest	<b>\$399.00</b>	25
<b>BL-1872A</b>	CAT6 MediaTwist UTP	23	Solid	.365 x .165	15.0	70%	Unshielded	PVC/CMR	<b>\$448.52</b>	29

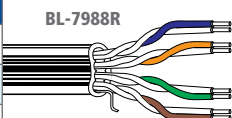
**BELDEN CatSnake Cable**

CatSnake™ UTP cables offer exceptional audio/video performance, plus they are extremely rugged and flexible for use outdoors, in broadcast truck applications and professional audio/video use. Belden has a heavy jacket wall version for medium duty applications (1304A) or an upjacketed version for the harshest heavy-duty environments (1305A). These cables also pass the UL 1581 -40°C Cold Bend test and are RJ45 and Neutrik EtherCon® compatible and ideal for Cat 5e Patch, CobraNet, eSnake, Ethersound, Digital Audio over Ethernet. Bonded-Pair unshielded twisted pairs (UTPs) with 24 AWG stranded bare copper conductors & polyolefin insulation. Black jacket with rip cords.

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	500 Ft.	1,000 Ft.
<b>BL-1304A</b>	CAT5e / Digital Audio	24	7x32	0.245	15.0	70%	Unshielded	PVC	<b>\$616.59</b>	<b>\$1149.89</b>
<b>BL-1305A</b>	Upjacketed 1304A	24	7x32	0.295	15.0	72%	Unshielded	PVC	<b>\$595.00</b>	<b>\$1149.00</b>
<b>BL-1300A</b>	Wi-Fi / LAN / Shielded	24	7x32	0.295	15.0	72%	Unshielded	PVC	<b>\$364.18</b>	<b>\$678.63</b>

**BELDEN VideoTwist AV Over UTP Cable (Bonded Pairs)**

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
<b>BL-7988R</b>	Low Skew AV	24	Solid	0.204	15.0	70%	Unshielded	PVC/CMR	<b>\$395.27</b>	29
<b>BL-7987R</b>	RGB Nano Skew	24	Solid	0.195	15.0	72%	Unshielded	PVC/CM	<b>\$420.00</b>	20
<b>BL-7989R</b>	CAT6 Low Skew AV	23	Solid	0.365 x 0.165	15.0	70%	Unshielded	PVC/CMR	<b>\$556.49</b>	29





## **Belden 10GX52 CAT6A (625MHz) F/UTP Riser CMR Premise Horizontal Cable**

Belden 10GX52 is a CAT6A (625MHz), 4 Nonbonded-Pairs, F/UTP, Riser-CMR, Premise Horizontal Cable, 23 AWG, Solid Bare Copper Conductors, Polyolefin Insulation, Patented X-Spline, Overall Beldfoil® Shield with Drain Wire, Ripcord, PVC Jacket, Sequential Markings at 2 Foot/1 Meter Intervals.

**BL-10GX52F1000BK • Reg. \$917.70 Your Price \$659.00**

## **Belden 10GXW13 CAT6A 10GX Small Diameter Plenum CMP 4-Pair UTP Cable**

Combining the Category 6A performance you need with the Belden quality and reliability you expect, 10GXW (10GXW130081000GY) Cables are the lightest, easiest-to-deploy solution available, eliminating slow speeds and maximizing uptime for smart building networks. For fast and easy termination, combine 10GXW with Belden's REVConnect® Connectivity System. These solutions are designed to work together to create a reliable, end-to-end wireless infrastructure.

**10GXW130101000BK • Black • Reg. \$1026.20 Your Price \$849.00**

**10GXW130081000GY • Gray • Reg. \$1026.20 Your Price \$849.00**

## **Belden 7923A Paired CAT5e DataTuff Twisted Pair Cable - Black**

Suitable Applications: Industrial Ethernet Cable, Harsh Environments, EtherNet/IP™, 350MHz Enhanced Category 5e, Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422, CMX - Outdoor, RJ-45 Compatible

Number of Pairs: 4 | Total Number of Conductors: 8 | AWG: 24 | Stranding: Solid | Conductor Material: BC - Bare Copper | Insulation Material: PO - Polyolefin | Outer Shield Material: Unshielded | Outer Jacket Material: PVC - Polyvinyl Chloride | Plenum (Y/N): N

**BL-7923A • Per Foot • Reg. \$1.25 Your Price \$1.15**

**BL-7923A-1000 • 1000' Roll • Reg. \$1245.40 Your Price \$1096.91**

## **Belden 2412 23 AWG Enhanced CAT6 Nonbonded-Pair Cable**

Suitable Applications: Premise Horizontal Cable, Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM

Number of Pairs: 4 | Total Number of Conductors: 8 | AWG: 23 | Stranding: Solid | Conductor Material: BC - Bare Copper | Insulation Material: PO - Polyolefin | Outer Shield Material: Beldfoil® Aluminum Foil-Polyester Tape | Outer Jacket Material: PVC - Polyvinyl Chloride

**BL-2412-WE-FT • Per Foot White • Reg. \$0.34 Your Price \$0.32**

**BL-2412-1000 • 1000' Roll • Reg. \$334.60 Your Price \$225.00**

**\*Specify Color: BE = Blue; Orange = OE; GY = Gray; RD = Red; WE = White; YW = Yellow; GN = Green; VT = Violet**

## **Belden 23AWG Enhanced Category 6 350MHZ Nonbonded-Pair - 1000ft Black**

Belden 2413 Category 6+ Enhanced Premise Horizontal Cable (350MHz), 4 Pair, 23 AWG Solid Bare Copper Conductors, U/UTP, Plenum-CMP, Flamarrest PVC-LS Jacket. Suitable for Premise Horizontal Cable, Ethernet 1000BASE-T, Ethernet 100BASE-TX, Ethernet 10BASE-T, PoE++, PoE+, and PoE applications.

**BL-2413-1000 • 1000' • Reg. \$650.60 Your Price \$439.00**

## **West Penn 4236F 4-Pair 23 AWG F/UTP Shielded Category 6+ 350 MHz CMP Cable**

23 AWG - 4 PAIR Solid bare copper conductors, Shielded with an overall jacket. • Conductor: 23 AWG Bare Copper • Stranding: Solid  
Number of Conductors 8 (4 Pair) • Insulation: Thermoplastic • Barrier Internal FlexWeb Core Separator • Shield Type: Overall 100% Aluminum Foil (F/UTP)  
• Drain: 26 AWG Solid Tin • Jacket Material: PVC • Overall Cable Diameter 0.275" Nominal

**WP-4236F-1000-BK • 1000' • Reg. \$528.00 Your Price \$429.00**

## **SCP Cat6 Plenum-Enhanced 500 MHz 23 AWG Ethernet Cable Reel-In-Box**

SCP Cat6 UTP Plenum cables comply with NFPA-262 and are suitable for installation in ducts and plenums without the use of conduit. These cables are designed for fire resistance and low-smoke. Only plenum rated cables are allowed for USA installation in spaces such as raised flooring systems and air handling ducts. SCP Cat6 Plenum cables meet TIA/EIA 568-C.2 Category 6 standards. Each cable is 550 MHz 23 AWG insulated solid bare copper conductors with a center spline separating the pairs. This creates a round and flexible cable for easy pulling and stripping of the cable jacket. This cable is UL and CMP rated and it is packaged on a Reel-In-Box (RIB).

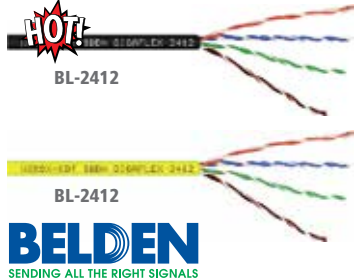
**CAT6-P-1000 • Reg. \$468.00 Your Price \$468.00**

## **Shattuc SCDX6AT Heavy Duty Indoor/Outdoor Category 6A 24AWG Stranded Data/Tactical Cable**

The Shattuc SCDX6AT-RO-00 is a 24AWG stranded Cat6A tactical cable made in the USA! Great for mobile production companies or harsh environment venues or concerts. Applications include: Data, Lighting control, Digital Audio snakes, High-Definition Video and much more.

Shielded flexible patch/jumper cable to support screened industrial ethernet/ IP, TIA-568-C.2 category 6 and 6A applications. • NEC (UL) type CMX outdoor - CM and CEC C(UL) type CMX outdoor - CM • Cable is suitable for use in Class I Division II hazardous locations • Cable is UL approved for Sunlight Resistant and Direct Burial Applications. • Meets IEEE 1202 flame test • All materials used in the manufacture of this cable are RoHS compliant • Maximum Voltage: 300V

**SCDX6AT-RO-00 • Per Foot • Reg. \$1.75 Your Price \$1.71**



## Vanco 233306X HDMI Super Flex Flat HDMI High Speed Male to Female Cable

The ULTIMATE HDMI  
Adapter - Right Angle  
Super Flex Flat HDMI High

Speed Male to Female Cable. 6 inches. Right Angle - Flat Top.

**VCO-233306X • Your Price \$21.99**



## Connectronics Active Optical Fiber 4K UltraHD 18Gbps HDMI Cables



The Connectronics AOC-HDMI-010 is a low cost 10 Meter active optical fiber HDMI cable that supports 4K UltraHD signals. These cables are the reliable choice for long distance HDMI connections in

digital signage systems, sports bars, esports gaming arenas and more. With 6Gbps (18G bandwidth) max data rate, the Connectronics AOC-HDMI-010 delivers pure HDMI signal integrity with no external power required. It also supports high dynamic range (HDR) signals.

CTX-AOC-HDMI-010	10 Meter	<b>Your Price \$134.49</b>
CTX-AOC-HDMI-020	20 Meter	<b>Your Price \$158.95</b>
CTX-AOC-HDMI-030	30 Meter	<b>Your Price \$193.49</b>
CTX-AOC-HDMI-040	40 Meter	<b>Your Price \$217.49</b>
CTX-AOC-HDMI-050	50 Meter	<b>Your Price \$241.49</b>
CTX-AOC-HDMI-060	60 Meter	<b>Your Price \$265.95</b>
CTX-AOC-HDMI-070	70 Meter	<b>Your Price \$289.95</b>

**Markertek is Your Source  
for Everything in HDMI!**

## Connectronics 2.1 Series 8K HDMI Cables



HDMI-21-03FT	3 Ft. (1M)	<b>Your Price \$5.65</b>
HDMI-21-06FT	6 Ft. (2M)	<b>Your Price \$6.50</b>
HDMI-21-10FT	10 Ft. (3M)	<b>Your Price \$8.95</b>
HDMI-21-15FT	15 Ft. (5M)	<b>Your Price \$15.95</b>

## Connectronics HDMI v1.4 Cables



HDMI-14-3	3 Ft.	<b>Your Price \$4.99</b>
HDMI-14-6	6 Ft.	<b>Your Price \$5.99</b>
HDMI-14-10	10 Ft.	<b>Your Price \$6.99</b>
HDMI-14-12	12 Ft.	<b>Your Price \$19.99</b>
HDMI-14-15	15 Ft.	<b>Your Price \$12.99</b>
HDMI-14-20	20 Ft.	<b>Your Price \$38.99</b>
HDMI-14-25	25 Ft.	<b>Your Price \$21.95</b>
HDMI-14-30	30 Ft.	<b>Your Price \$34.99</b>
HDMI-14-40	40 Ft.	<b>Your Price \$45.99</b>
HDMI-14-50	50 Ft.	<b>Your Price \$49.99</b>

## Kramer CP-AOCH/60 Active Plenum-Rated High-Speed HDMI Cables

The Kramer CP-AOCH/60 is an innovative active optical HDMI cable for 4K@60Hz (4:4:4) signal resolution up to 100 meters (328 ft). This hybrid-fiber cable features micro-HDMI ends with detachable HDMI connectors, making it easy to run through a conduit or other tight spaces. They offer transparent EDID, HDCP and HDR support with no signal attenuation and reduced risk of EMI and RFI interference.

KR-CPAOCH-60-33	33 Feet	<b>Your Price \$292.00</b>
KR-CPAOCH-60-50	50 Feet	<b>Your Price \$332.00</b>
KR-CPAOCH-60-66	66 Feet	<b>Your Price \$384.00</b>
KR-CPAOCH-60-98	98 Feet	<b>Your Price \$444.00</b>
KR-CPAOCH-60-131	131 Feet	<b>Your Price \$508.00</b>
KR-CPAOCH-60-230	230 Feet	<b>Your Price \$772.00</b>
KR-CPAOCH-60-328	328 Feet	<b>Your Price \$1044.00</b>



## Connectronics HDMI 2.0 Female To Female Panel Mount

Gold Plated HDMI 2.0 Panel Mount Adapter that is designed to mount in a standard D Style Punch.

**TN-HDMICM-2  
Your Price \$12.29**

## HDMI 2.0 Panel Mount Coupler

A simple HDMI Female to Female Panel Mount coupler designed to mount on any panel with a D-Sub 15-Pin or D-Sub 9-Pin punch. May also be used as a coupler inline. Fully HDMI 2.0 compliant. 4-40 Thread.

**HDMI-20-CM • Your Price \$9.95**



## AVP Maxxum HDMI 1.4 Feedthru Chassis Adapter

Maxxum Single D Mount, HDMI 1.4 Feedthru adapter, Black Chassis, Adapter Plate(s) and/or Hardware.

**AVP-UMHDMI-DFF  
Your Price \$17.48**



## Neutrik D-Shape IP65 Rated HDMI 1.4 Feed-Thru Adapters

HDMI 1.4 feedthrough adapter, D-shape housing Neutrik's HDMI solution for the transmission of any digital TV and PC video format including high-definition video (HDTV) can be integrated in networks very easy.

**NAHDMI-W • Nickel • Your Price \$15.69**  
**NAHDMI-W-B • Nickel • Your Price \$16.19**

**NEUTRIK®**



## Switchcraft HDMI Feedthru - Black

The EH Series by Switchcraft is a complete line of audio, video, and data connectors built into standard panel-mount XLR housings. The Switchcraft EHHDMI2B is an EH Series \*HDMI-Style Feedthru connector with Black finish.

**SWC-EHHDMI2B  
Your Price \$12.54**



## Tripp Lite P142-000-MINI HDMI Female to Mini HDMI Male Adapter

Tripp Lites Mini HDMI Male to HDMI Female adapter allows connection from your Digital Camera / Camcorder with mini-HDMI port to standard HDMI input ports HDMI cable. 1080p compatible.

**TRL-P142-MINI  
Your Price \$8.66**



## Connectronics 3.1 USB-C D-Style Chassis Mount Feedthru Barrel

Connectronics CTX-USBC-USBC-CM is a black 3.1 USB-C Female to USB-C Female passthrough barrel adapter designed to mount in standard D series panels and wall plates.

This barrel adapter fits in a standard D series cut out, Female USB-C on front and back. The keystone is rotated 90 degrees to insert into any standard keystone face plate. Wall plate or rack panels sold separately.

**CTX-USBC-USBC-CM • Your Price \$14.49**



## StarTech CDP2HD USB Type-C to HDMI Adapter

This USB-C to HDMI adapter lets you output HDMI video and audio from a USB Type-C device such as a MacBook or Chromebook laptop. This adapter works with USB-C devices that pass a DisplayPort video signal. It's also compatible with Thunderbolt 3 ports.

**ST-CDP2HD • Your Price \$35.39**



## 1694A RG6 3G-SDI BNC Cables

Belden 1694A RG6 4.5 GHz  
Sweep HDTV / SDI BNC Cables

Premium Assemblies utilizing Kings 75Ω Connectors for critical HD applications. Tested to 4.5GHz, the 1694 series is best suited for long runs, cable troughs, remotes and other instances where crush resistance and pull strength are a factor.



All colors available - see color codes below.

3'	1694-B-B-3	Your Price \$18.95
6'	1694-B-B-6	Your Price \$21.49
10'	1694-B-B-10	Your Price \$23.95
15'	1694-B-B-15	Your Price \$27.49
25'	1694-B-B-25	Your Price \$34.49
50'	1694-B-B-50	Your Price \$50.95
75'	1694-B-B-75	Your Price \$68.49
100'	1694-B-B-100	Your Price \$85.49
150'	1694-B-B-150	Your Price \$119.95
200'	1694-B-B-200	Your Price \$153.95

## 1505A RG59 3G-SDI BNC Cables

Belden 1505A RG59 4.5 GHz Sweep HDTV / SDI  
BNC Cables

Premium Assemblies utilizing Kings 75Ω Connectors for critical 4.5GHz, the 1505 series is best suited for short runs.



All colors available - see color codes below.

3'	1505-B-B-3	Your Price \$16.95
6'	1505-B-B-6	Your Price \$18.49
10'	1505-B-B-10	Your Price \$20.95
15'	1505-B-B-15	Your Price \$23.95
25'	1505-B-B-25	Your Price \$30.49
50'	1505-B-B-50	Your Price \$50.49
75'	1505-B-B-75	Your Price \$68.49
100'	1505-B-B-100	Your Price \$77.95
150'	1505-B-B-150	Your Price \$109.95
200'	1505-B-B-200	Your Price \$141.95

Black Standard. COLORS: BE = Blue; BN = Brown; GN = Green; GY = Gray; OE = Orange; PE = Purple; RD = Red; WE = White; YW = Yellow.

## 1855A 3G-SDI BNC Cables

Belden 1855A Mini-RG59 4.5 GHz Sweep HDTV / SDI BNC Cables

Premium Assemblies utilizing Kings 75Ω Connectors for critical 4.5GHz, the 1855 series is best suited for OB trucks, patching and short runs.



All colors available - see color codes below.

18"	1855-B-B-18IN	Your Price \$12.49
3'	1855-B-B-3	Your Price \$12.95
6'	1855-B-B-6	Your Price \$14.95
10'	1855-B-B-10	Your Price \$16.49
15'	1855-B-B-15	Your Price \$19.49
25'	1855-B-B-25	Your Price \$24.49
35'	1855-B-B-35	Your Price \$29.49
50'	1855-B-B-50	Your Price \$37.49
75'	1855-B-B-75	Your Price \$49.95
100'	1855-B-B-100	Your Price \$62.49
150'	1855-B-B-150	Your Price \$88.95

## 3G / HD-SDI / SDI Digital Video Belden 1505F Flexible BNC Cables



Available in Black Only

Premium Quality BNC Male To BNC Male Hand Crafted in Our Shop with Belden 1505F Flexible RG59

3'	1505F-B-B-3	Your Price \$15.49
6'	1505F-B-B-6	Your Price \$17.95
10'	1505F-B-B-10	Your Price \$21.49
15'	1505F-B-B-15	Your Price \$25.95
25'	1505F-B-B-25	Your Price \$34.49
50'	1505F-B-B-50	Your Price \$55.95

## Laird HD-BNC 6G/HD-SDI Adapter Series Cables

The HD-BNC (aka Micro-BNC) is fast becoming popular on broadcast routers like the Harris Selenio as well as devices like the Gennum GS3440 Equalizer and GX3290 Crosspoint. HD-BNC delivers true 75 ohm performance in a footprint 51% smaller than traditional BNC connectors, allowing four times the density.

4855A HD-BNC Male to BNC Female	1855A HD-BNC Male to BNC Female	1505A HD-BNC Male to BNC Female
6" HDBNC4855-BF6IN...\$33.95	1' HDBNC1855-BF01 ...\$31.95	1' HDBNC1505-BF01 ...\$25.95
1' HDBNC4855-BF01 ...\$34.95	3' HDBNC1855-BF03 ...\$32.49	3' HDBNC1505-BF03 ...\$26.95
2' HDBNC4855-BF02 ...\$34.95	7' HDBNC1855-BF07 ...\$33.95	7' HDBNC1505-BF07 ...\$30.49
3' HDBNC4855-BF03 ...\$35.95	10' HDBNC1855-BF10 ...\$34.95	10' HDBNC1505-BF10 ...\$32.49

## Laird 4K/8K Cable Assembly with Neutrik RearTWIST BNC Connectors & Belden 1855 Cable

UHD BNC Cable Assembly with True 75 ohm 4K/8K Performance

**LAIRD** DIGITAL CINEMA The Laird RTBNC-1855-003 4K/8K UHD Cable Assembly with Neutrik rearTWIST UHD BNC connectors & Belden Mini RG59 1855A is built for extended bandwidth for 4K and 8K video applications.

Neutrik's rearTWIST UHD BNC achieves increased headroom and offers additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption. The rear twist technology simplifies insertion and removal of recessed BNC panel connectors and allows for easy patch bay interface. No special BNC removal tool is required; simply use the rear boot twist.

3'	RTBNC-1855-003	\$22.95
6'	RTBNC-1855-006	\$24.95
10'	RTBNC-1855-010	\$27.49
15'	RTBNC-1855-015	\$29.49
25'	RTBNC-1855-025	\$36.95
50'	RTBNC-1855-050	\$54.49
75'	RTBNC-1855-075	\$71.49
100'	RTBNC-1855-100	\$88.95
250'	RTBNC-1855-250	\$191.49
500'	RTBNC-1855-500	\$362.49



## Premium 3G-SDI BNC Male to Male Molded Video BNC Cables

RG59 75 Ohm Digital Video Coaxial Cable | 100% Sweep Tested Meets or Exceeds HD-Serial Digital Video Standards | SMPTE 259M, 292M & 424M | Special Nickel Plated Bell Brass Connectors | Meets or Exceeds Sony, JVC & Panasonic Specifications | Highly Flexible | Industry Preferred 95% Copper Braid | Shield - Tinned For Extra Isolation | The Finest Off-The-Shelf and Packaged Video Cable in the Industry

1.5'	B-B-1.5	Your Price \$8.49
3'	B-B-3	Your Price \$7.49
6'	B-B-6	Your Price \$8.95
10'	B-B-10	Your Price \$13.49
15'	B-B-15	Your Price \$15.95
25'	B-B-25	Your Price \$20.95
50'	B-B-50	Your Price \$37.95





**Laird L33CUHD Series 12G-SDI 4K UHD Mini-Coax and BNC Male to Male Cables**

- Compliant with SMPTE ST-2082-1
- Designed for Low Attenuation 3G/6G/12G-SDI Transmission • Copper Foil and High-Density Tinned Copper Braided Shielding
- Flame Retardant Polyvinyl Sheath
- Max Transmission Distance @12G-SDI: 190 Feet


**LAIRD® CANARE**
**L33CUHD-B-B-001 • 01' • \$17.95**
**L33CUHD-B-B-002 • 02' • \$17.95**
**L33CUHD-B-B-003 • 03' • \$18.95**
**L33CUHD-B-B-010 • 10' • \$22.49**
**L33CUHD-B-B-015 • 15' • \$24.95**
**L33CUHD-B-B-025 • 25' • \$30.95**
**Laird 12G-SDI 4K UHD Coax BNC Male to Male Cable Available in 3' to 400' Lengths**

- Designed for UHD and 4K Video Transport
- Fixed and Cable Reel Deployment in Studios, Trucks, Permanent Installations
- BNC Connectors Feature Elongated Body for Better Grip • SMPTE ST-2082-1 Compliant for 12GSDI transmission • Flame Resistance


**LAIRD® CANARE**

UL 1666 Riser • Max. UHD Over Single Link Transmission Distance 430 ft /131 m

**L8CUHD-B-B-003 • 3' • \$33.95**
**L8CUHD-B-B-010 • 10' • \$48.49**
**L8CUHD-B-B-050 • 50' • \$135.49**
**L8CUHD-B-B-125 • 125' • \$287.95**
**L8CUHD-B-B-200 • 200' • \$444.49**
**L8CUHD-B-B-300 • 300' • \$652.49**
**L8CUHD-B-B-350 • 350' • \$756.49**
**L8CUHD-B-B-400 • 400' • \$860.49**
**Laird 12G-SDI 4K UHD Video Coax BNC Cables**

Laird's 12G-SDI 4K UHD BNC cables are the most advanced development in coax BNC on the market for effectively transmitting 12G-SDI signals up to 100 meters.

- Hand crafted with Canare BCP-D55UHD connectors with a return loss at 12 GHz of 15 dB, 20 dB @ 6 GHz & 26 dB @ 3 GHz. • Designed for UHD and 4K Video Transport
- SDI Formats including 1.5G, 3G, 6G and 12G SDI SMPTE 2082-1 Standards • Fixed and Cable Reel Deployment in Studios, Trucks, Permanent Installations • Terminated with 12G 75Ω BNC Connectors • Flame Retardant


**12GSDI-B-B-003 • 3' • \$20.95**
**12GSDI-B-B-006 • 6' • \$23.95**
**12GSDI-B-B-010 • 10' • \$28.49**
**12GSDI-B-B-015 • 15' • \$33.49**
**12GSDI-B-B-025 • 25' • \$44.95**
**12GSDI-B-B-035 • 35' • \$56.49**
**12GSDI-B-B-050 • 50' • \$73.49**
**12GSDI-B-B-075 • 75' • \$101.95**
**12GSDI-B-B-100 • 100' • \$122.95**
**12GSDI-B-B-150 • 150' • \$177.49**
**12GSDI-B-B-175 • 175' • \$203.49**
**12GSDI-B-B-200 • 200' • \$230.95**
**Laird 12G-SDI 4K UHD Coax Male to Male BNC Cable**

- Designed for 4KUHD Video Transport
- Flexible and Durable, Designed for Repeated Bending
- Fixed and Cable Reel Deployment in OB Trucks & Permanent Installations



• Max. Transmission Distance: 12G-SDI - 164 ft/50m

• Backwards Compatible with 3G-SDI • Compliant with SMPTE 424M &amp; ST 2082-1 standards

**L45CHWS-B-B-003 • 3' • \$27.95**
**L45CHWS-B-B-006 • 6' • \$31.49**
**L45CHWS-B-B-050 • 50' • \$84.95**
**L45CHWS-B-B-125 • 125' • \$176.49**
**Laird 4855R Mini-RG59 12G-SDI/4K UHD BNC Cables**

- Provide the critical link between your switchers, cameras and other 4K video gear. • Belden 4855R 12 GHz, 4K UHD Precision 75-Ohm Video Cable • Single Link BNC Simplifies Installations • Optimized for 150' UHDTV Transmission Distances



- Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz • Meet Requirements for 12G SDI ST 2082-1 and ST2083-1

\* Color: BK - Black, BE - Blue, GN - Green, OE - Orange, VT - Violet, YW - Yellow

**4855R-B-B-\*010 • 10' • \$32.49**
**4855R-B-B-\*015 • 15' • \$36.95**
**4855R-B-B-\*025 • 25' • \$46.95**
**4855R-B-B-\*035 • 35' • \$57.49**
**4855R-B-B-\*050 • 50' • \$73.49**
**4855R-B-B-\*075 • 75' • \$99.49**
**4855R-B-B-\*100 • 100' • \$119.95**
**4855R-B-B-\*150 • 150' • \$168.95**
**Laird 4505R RG59 12G-SDI/4K UHD BNC Cables**

- These next-gen RG59 BNC cables are designed to handle 12GHz 4K UHD signals over 200 feet (3G-SDI up to 433 feet) and provide the critical link between your switchers, cameras and other 4K video gear • Hand crafted assemblies featuring Belden 4505R 4K Ultra-High-Definition RG59 coaxial cable for 12G-SDI, these cables are the simple choice when setting up your studio backbone and infrastructure.



- The 4505R Series is the 12G-SDI equivalent of Belden's famous 1505A cable

\* Color: BK - Black, LB - Light Blue, MG - Military Green, OE - Orange, Red - RD, VT - Violet

**4505R-B-B-\*003 • 3' • \$27.49**
**4505R-B-B-\*006 • 6' • \$31.49**
**4505R-B-B-\*010 • 10' • \$33.95**
**4505R-B-B-\*015 • 15' • \$39.49**
**4505R-B-B-\*025 • 25' • \$49.95**
**4505R-B-B-\*035 • 35' • \$60.95**
**4505R-B-B-\*050 • 50' • \$77.49**
**4505R-B-B-\*075 • 75' • \$104.49**
**4505R-B-B-\*100 • 100' • \$126.95**
**4505R-B-B-\*125 • 125' • \$152.95**
**4505R-B-B-\*150 • 150' • \$178.49**
**4505R-B-B-\*175 • 175' • \$204.95**
**4505R-B-B-\*200 • 200' • \$239.49**
**Laird 4694R RG6 12G-SDI/4K UHD BNC Cables**

- These next-gen RG6 BNC cables are designed to handle 12GHz 4K UHD signals over 250 feet (3G-SDI up to 540 feet) and provide the critical link between your switchers, cameras and other 4K video gear • Hand crafted assemblies featuring Belden 4694R 4K Ultra-High-Definition RG6 coaxial cable for 12G-SDI, these cables are the simple choice when setting up your studio backbone and infrastructure.



- This Series is the 12G-SDI equivalent of Belden's famous 1694A cable. It features a silver plated copper center conductor and is a great choice when your runs need RG6 durability and long distance sends.

\* Color: BK - Black, LB - Light Blue, MG - Military Green, OE - Orange, Red - RD, VT - Violet

**4694R-B-B-\*003 • 3' • \$29.49**
**4694R-B-B-\*006 • 6' • \$33.49**
**4694R-B-B-\*010 • 10' • \$37.49**
**4694R-B-B-\*015 • 15' • \$43.95**
**4694R-B-B-\*025 • 25' • \$56.95**
**4694R-B-B-\*035 • 35' • \$70.49**
**4694R-B-B-\*050 • 50' • \$90.49**
**4694R-B-B-\*075 • 75' • \$123.49**
**4694R-B-B-\*100 • 100' • \$150.95**
**4694R-B-B-\*125 • 125' • \$183.49**
**4694R-B-B-\*150 • 150' • \$215.49**
**4694R-B-B-\*175 • 175' • \$247.49**
**4694R-B-B-\*200 • 200' • \$279.49**
**4694R-B-B-\*250 • 250' • \$343.49**


## 5-Channel 12G-SDI/4K UHD BNC Snakes - 4694R Series



**LAIRD®**  
DIGITAL CINEMA

5-Channel 4694R 12G-SDI/4K UHD BNC snake cables are the next-gen RG6 BNC cable designed to handle 12GHz 4K UHD signals with a clean signal delivery over 250 feet (3G-SDI up to 540 feet)

- 5 Channels in One Snake • Easy Handling & Portability • Each Channel Rated 12G-SDI • Meet 2082-1, 2081-1, and 424M Standards • Flexible Cable Suitable for Studio or Field Applications • Color-Coded Strain Relief Boots for Fast Identification

4694RX5-BB-006	6'	BNC Male to BNC Male	\$163.49
4694RX5-BB-010	10'	BNC Male to BNC Male	\$200.95
4694RX5-BB-015	15'	BNC Male to BNC Male	\$247.49
4694RX5-BB-025	25'	BNC Male to BNC Male	\$340.95
4694RX5-BB-050	50'	BNC Male to BNC Male	\$552.95

Available in lengths from 3 to 200 Feet. See our website for full details



**5-Channel 12G-SDI/4K UHD BNC Snake Cables - 4855 Series**

The next-gen Mini-RG59 BNC cable designed to handle 12GHz 4K UHD signals with a clean signal delivery up to 150 feet (3G-SDI up to 300 feet). 4855R 4K Ultra-High-Definition coaxial cable for 12G-SDI, these cables are the simple choice when setting up your studio backbone and infrastructure. • 5 Channels in One Snake for Easy Handling & Portability • Each Channel Rated 12G-SDI • Meet 2082-1, 2081-1, and 424M Standards • Flexible Cable Suitable for Studio or Field Applications

- Color-Coded Strain Relief Boots for Fast Identification

4855RX5-BFMB-*	6'	BNC Female to HD-BNC Male	\$155.49
4855RX5-MBMB-*	6'	HD-BNC Male to HD-BNC Male	\$176.95
4855RX5-BMB-*	6'	BNC Male to HD-BNC Male	\$146.49
4855RX5-BBF-*	6'	BNC Male to BNC Female	\$125.49
4855RX5-BB-*	6'	BNC Male to BNC Male	\$119.49



**Laird 3G/HD-SDI 10 or 16-Channel BNC Thin Profile 23AWG Snake Cables - available in 3' to 200' Lengths**

Holding true to the high standards of Laird craftsmanship, the BNC-10SNK is built with 4.5GHz rated 23AWG miniature video coax snake cable and Kings 2065 series BNC connectors. This makes the BNC-10SNK ready for any digital or analog video interconnect with complete broadband shielding. An all-weather TPE outer jacket delivers a field ready ruggedness for multiple outside production needs.

### 10-Channel

BNC-10SNK-003	• 3' •	\$92.95
BNC-10SNK-025	• 25' •	\$263.95
BNC-10SNK-200	• 200' •	\$1567.95

### 16-Channel

BNC-16SNK-003	• 3' •	\$141.49
BNC-16SNK-025	• 25' •	\$358.95
BNC-16SNK-200	• 200' •	\$2091.49

## L-2.5CHWS Ultra Slim 12G-SDI HD-BNC/Micro BNC Cables

If you're needing a super low profile 12G-SDI BNC cable for your outside broadcast trucks and studio patches, the Laird L25CHWS series sets the gold standard! This series is based on Canare's L-2.5CHWS 12G coax which is incredibly flexible because of its stranded center conductor. It also features a very slim 0.165" O.D. All of this adds up to a lightweight 12G BNC cable that's easy to patch in tight spaces.

**NEW!**



L25CHWS-BFMB-001	HD-BNC Male to BNC Female, 1'	.....Your Price \$27.95
L25CHWS-BFMB-003	HD-BNC Male to BNC Female, 3'	.....Your Price \$28.49
L25CHWS-BB-003	BNC Male to BNC Male, 3'	.....Your Price \$15.49
L25CHWS-BB-006	BNC Male to BNC Male, 6'	.....Your Price \$17.49

## Laird LCR-C6AXTRMPS Series Shattuc SCD6AT CAT6A Tactical Cable Reels with RJ45 Connectors and Pro-Shells



Laird Extreme Series Tactical Grade Category 6A Ethernet cables deliver the all-important backbone of your Video Over IP cable infrastructure in ST-2022, HDBaseT, HDBiT, DANTE, AES67 and similar environments. These cables meet stringent HD video and Digital Audio IP packetization bandwidth needs. These cable Reels are built Laird tough and handcrafted with Shattuc Tactical heavy duty Indoor/Outdoor Category 6A Data cable. This series is made for mobile production companies or harsh environment venues whether it's data, lighting control, digital audio snakes or HD Video. Cables exceed the ANSI/TIA-568-B.2-10 Category 6A standard.

**LAIRD®**

LCR-C6AXTRMPS100 • 100' • \$240.95

LCR-C6AXTRMPS150 • 150' • \$306.49

LCR-C6AXTRMPS250 • 250' • \$438.49

## 12G-SDI 4K UHD HD-BNC/Micro BNC Male to Male Cables



You've made the investment in a 12G / 4K UHD workflow so now is not the time to skimp on a cheap cable to capture or transmit your signals.

- Compliant with SMPTE ST-2082-1 standards • Ultra Low Loss 12G-SDI Coax Cable • Copper Foil and High-Density Tinned Copper Braided Shielding • Flame resistance UL 1666 Riser
- Highly-Foamed, Layer PE Insulation • Max Transmission Distance @12G-SDI: 190 Feet

**LAIRD®** 12G 149ft 4K

L33CUHD-MBMB-003	• 3' •	.....Your Price \$25.49
L33CUHD-MBMB-006	• 6' •	.....Your Price \$26.95
L33CUHD-MBMB-010	• 10' •	.....Your Price \$30.49
L33CUHD-MBMB-025	• 25' •	.....Your Price \$40.49

## Mini-RG59 12G-SDI/4K UHD BNC Right Angle Single Link Cables

- Designed for UHD and 4K Video Transport
- 23AWG Mini Coax Cable & Convenient Right-Angle Connectors

- 12 GHz, 4K UHD Precision 75-Ohm Video Cable

- Neutrik rearTWIST UHD BNC Simplifies Installations • Optimized Transmission Distance for UHD TV

- Transmits up to 150 ft/45m • Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz
- Meets ST-2082-1, ST-2081-1, and SMPTE 424M

4855R-BA-BF-*	6'	BNC Female to Right Angle BNC Male	\$42.95
4855R-BA-B-*	6'	BNC Male to Right Angle BNC Male	\$40.95
4855R-BA-BA-*	6'	Right Angle BNC to Right Angle BNC	\$52.49



### Laird/Belden 1303E Series Field Deployable Cat6A Cable with etherCON TOP Connectors

Suitable for multiple AV over IP applications and perfect as a field-deploy CAT6a cable, the Laird 1303E-TOP is a super rugged solution for outside broadcast, live event and stage application use. This cable is hand crafted in the USA utilizing Belden 1303E Ethernet Snake Cable and is terminated with Neutrik etherCON TOP connectors. These CAT6A cables are perfect for 10GBase - T (10 Gigabit Ethernet), 1000 Base - T (Gigabit Ethernet), 100 Base - T, 10 Base - T usage. They are also a great fit for SMPTE-2110, AVB, Dante, CobraNet, eSnake, Ethersound and Digital audio over Ethernet setups.

1303E-TOP-006	6'.....	<b>Your Price</b> \$48.49
1303E-TOP-025	25'.....	<b>Your Price</b> \$89.49
1303E-TOP-050	50'.....	<b>Your Price</b> \$144.49
1303E-TOP-100	100'.....	<b>Your Price</b> \$249.49
1303E-TOP-150	150'.....	<b>Your Price</b> \$351.49
1303E-TOP-200	200'.....	<b>Your Price</b> \$456.95
1303E-TOP-300	300'.....	<b>Your Price</b> \$646.95



### Connectronics CAT6A 600MHz Snagless Molded UTP 10 Gigabit Ethernet Cable

The Connectronics CAT6A series is a high performance ethernet networking cable for switches, routers, server interconnects and IT room patch panels. This 24 AWG ethernet patch cable delivers 10 Gigabit data transmission up to 100 meters and a certified bandwidth of 600 MHz.

CAT6A-001-BK*	1'.....	<b>Your Price</b> \$2.95
CAT6A-003-BK*	3'.....	<b>Your Price</b> \$3.49
CAT6A-005-BK*	5'.....	<b>Your Price</b> \$4.19
CAT6A-007-BK*	7'.....	<b>Your Price</b> \$4.95
CAT6A-010-BK*	10'.....	<b>Your Price</b> \$6.49
CAT6A-015-BK*	15'.....	<b>Your Price</b> \$7.49
CAT6A-025-BK*	25'.....	<b>Your Price</b> \$10.95
CAT6A-050-BK*	50'.....	<b>Your Price</b> \$17.95
CAT6A-100-BK*	100'.....	<b>Your Price</b> \$33.95

\*Black shown. Blue, Gray, Red & White shown on our website



### DataTuff Cat5e HD Cables

Need a CAT 5 cable that is as rugged as your video and audio cabling? Choose these ruggedized assemblies built with Belden round Datatuff cable mated to Neutrik Ethercon locking CAT 5 connectors. The Ethercon shell is diecast metal designed to completely protect the CAT 5 inner connector.

CAT5XTRM-10	10'.....	<b>Your Price</b> \$34.95
CAT5XTRM-20	20'.....	<b>Your Price</b> \$44.95
CAT5XTRM-25	25'.....	<b>Your Price</b> \$49.95
CAT5XTRM-35	35'.....	<b>Your Price</b> \$59.49
CAT5XTRM-50	50'.....	<b>Your Price</b> \$75.49
CAT5XTRM-75	75'.....	<b>Your Price</b> \$101.49
CAT5XTRM-100	100'.....	<b>Your Price</b> \$127.95
CAT5XTRM-150	150'.....	<b>Your Price</b> \$17695.49
CAT5XTRM-200	200'.....	<b>Your Price</b> \$223.95

### Neutrik etherCON RJ45 Connectors



NE8FDY-C6 NE8FDY-C6-B NE8FDP NE8FDV-Y110

### 'D' Series Panel Mounts

NE8FDP	RJ45 feed-through barrel, Silver.....	<b>Your Price</b> \$11.23
NE8FDP-B	RJ45 feed-through barrel, Black.....	<b>Your Price</b> \$12.19
NE8FDV-Y110	Rear IDC 110 punch terminals.....	<b>Your Price</b> \$9.63
NE8FF	Inline RJ45 coupling.....	<b>Your Price</b> \$19.79

### Cable Mounts

NE8MC6-MO	etherCON CAT6 Cable Connector Self-Termination. Includes a cable plug carrier offering a robust metal shell with Push-Pull locking system.....	<b>Your Price</b> \$11.91
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### CAT6 Series D Series Panel Mounts

NE8FDY-C6	CAT6 'D' panel connector with metal housing and secure latching system & gas-tight IDC termination, Silver.....	<b>Your Price</b> \$29.46
NE8FDY-C6-B	CAT6 'D' panel connector w/metal housing & secure latching system & gas-tight IDC termination, Black.....	<b>Your Price</b> \$31.14

### Laird Belden CAT6A 10GX IP Ethernet Cable with etherCON Connectors

Laird 10GX Series Category 6A 10 Gigabit Ethernet cables deliver the all-important backbone of your Video Over IP cable infrastructure in ST-2022, HDBaseT, HDBiT, DANTE, AES67 and similar environments. These cables meet stringent HD video and Digital Audio IP packetization bandwidth needs. Built Laird tough with Belden 4-pair, 23 AWG UTP copper 10GX cable and Neutrik etherCON RJ45 Connectors. Belden 10GX cable exceeds the ANSI/TIA-568-B.2-10 Category 6A standard.

CAT6A-EC-EC-003	3'.....	<b>Your Price</b> \$60.49
CAT6A-EC-EC-025	25'.....	<b>Your Price</b> \$79.95
CAT6A-EC-EC-050	50'.....	<b>Your Price</b> \$101.49
CAT6A-EC-EC-100	100'.....	<b>Your Price</b> \$146.95
CAT6A-EC-EC-150	150'.....	<b>Your Price</b> \$189.49
CAT6A-EC-EC-200	200'.....	<b>Your Price</b> \$230.95
CAT6A-EC-EC-300	300'.....	<b>Your Price</b> \$313.95



### Laird ProReel Series Shielded Category 6 Integrated Cable Reel

Another exclusive!! Designed to protect and serve, the ProReel Cat6-328 helps users quickly deploy cable and conveniently reel it up when the shoot is over. This series features high quality Category 6 cable built into a lightweight and extremely tough reel. Simply untwist the cable as it spools onto the reel in order to prevent damage. NOTE: IP and Ethernet transmission degrades at lengths over 328 feet.

PROREEL-CAT6-050	50'.....	<b>Your Price</b> \$110.95
PROREEL-CAT6-100	100'.....	<b>Your Price</b> \$138.49
PROREEL-CAT6-150	150'.....	<b>Your Price</b> \$166.95
PROREEL-CAT6-200	200'.....	<b>Your Price</b> \$194.95
PROREEL-CAT6-250	250'.....	<b>Your Price</b> \$223.49
PROREEL-CAT6-300	300'.....	<b>Your Price</b> \$251.49



LAIRD®



NE8MC NE8MC-1 NE8FF





## Laird CAT6AXTRM Shattuc SCD6AT CAT6A Tactical Cables with etherCON RJ45 TOP Connectors

Laird Extreme Series Tactical Grade Category 6A Ethernet cables deliver the all-important backbone of your Video Over IP cable infrastructure in ST-2022, HDBaseT, HDBiT, DANTE, AES67 and similar environments. These cables meet stringent HD video and Digital Audio IP packetization bandwidth needs.

- Shielded Cable Supports Screened Industrial Ethernet/IP, TIA-568-C.2 CAT6/6A
- Designed for Data, Lighting Control, & HD Video • UL Approved Cable for Sunlight Resistance & Direct Burial • Meets IEEE 1202 Flame Test • Lockable & Outdoor Protected Neutrik etherCON TOP Connectors



CAT6AXTRM-003 • 3' • \$35.49	CAT6AXTRM-100 • 100' • \$174.95
CAT6AXTRM-006 • 6' • \$40.49	CAT6AXTRM-125 • 125' • \$210.49
CAT6AXTRM-010 • 10' • \$45.95	CAT6AXTRM-150 • 150' • \$246.49
CAT6AXTRM-015 • 25' • \$52.95	CAT6AXTRM-200 • 200' • \$317.95
CAT6AXTRM-025 • 35' • \$67.49	CAT6AXTRM-250 • 250' • \$389.95
CAT6AXTRM-050 • 50' • \$103.49	CAT6AXTRM-300 • 300' • \$461.49
CAT6AXTRM-075 • 75' • \$138.95	

## Laird CAT6AXTRM Shattuc SCD6AT CAT6A Tactical Cable Reels with etherCON RJ45 TOP Connectors



LAIRD® These cable Reels are built Laird tough and handcrafted with Shattuc Tactical heavy duty Indoor/ Outdoor Category 6A Data cable. This series is made for mobile production companies or harsh environment venues whether it's data, lighting control, digital audio snakes or HD Video. Cables exceed the ANSI/TIA-568-B.2-10 Category 6A standard.

Shattuc Data-X 4-Pair CAT6A 24AWG | Suitable for Class 1, Div 1 Hazardous Locations | NEC (UL) type CMX outdoor - CM and CEC (UL) type CMX outdoor - CM | Max Voltage: 300V | Terminated with Neutrik etherCON RJ45 TOP Connectors

LCR-CAT6AXTRM100 • 100' • \$233.49	LCR-CAT6AXTRM200 • 200' • \$368.95
LCR-CAT6AXTRM125 • 125' • \$267.49	LCR-CAT6AXTRM250 • 250' • \$436.49
LCR-CAT6AXTRM150 • 150' • \$301.49	LCR-CAT6AXTRM300 • 300' • \$754.49

## Laird 2-in-1 PTZ Camera Cable Belden 6G-SDI Cat6 - available in 6' to 250' Lengths



Combines a 1694A 6G-SDI RG6 coax channel for video and a 3612 Gigabit Ethernet channel for POE+/100BaseTX/RS-422. This is the ideal cable snake for PTZ cameras in modern day production use. Each assembly includes generous fanouts for ease of install. Cable connectors are broadcast quality models from Amphenol, Neutrik & Platinum

Tools and each includes protective boots for long lasting performance.

PTZ6GCM5NK-006 • 6' • \$53.95	PTZ6GCM5NK-100 • 100' • \$444.95
PTZ6GCM5NK-025 • 25' • \$133.95	PTZ6GCM5NK-200 • 200' • \$847.49

## MarkerReel Cat5e & Cat6A Tactical Cable Reels

MarkerReel series terminated Ethernet cable reels deliver fast and tangle-free deployment at sound stages, in studios, at live events and on-location shoots. Each delivers a broadcast quality cable reel at an affordable price point while keeping your cable properly coiled. MarkerReels feature Shattuc SCD6AT CAT6A Tactical Grade, Belden 7923A DataTuff or Belden 1583 cable. Cables are integrated into a field tested JackReel cable reel with a the handy rewind knob for instant coiling and a comfort grip carry handle for easy transport.



MKT-07-150 • CAT6A Tactical Reel with etherCON RJ45 Shells, 150' • \$269.95

MKT-04-250 • Belden 1583 CAT5 with ProShell Connectors, 250' • \$131.95

## Belden 7923A CAT5e MarkerReels with ProShell Connectors

MKT-06-150 • 150' • \$170.95	MKT-06-250 • 250' • \$251.49
MKT-06-200 • 200' • \$202.95	MKT-06-300 • 300' • \$288.95

## Belden 7923A CAT5e Series MarkerReels

MKT-05-100 • 100' • \$128.49	MKT-05-250 • 250' • \$240.49
MKT-05-150 • 150' • \$160.49	MKT-05-300 • 300' • \$267.49

## Laird Belden CAT6A 10GX Series IP Ethernet Cable

Laird 10GX Series Category 6A 10 Gigabit Ethernet cables deliver the all-important backbone of your Video Over IP cable infrastructure in ST-2022, HDBaseT, HDBiT, DANTE, AES67 and similar environments. These cables meet stringent HD video and Digital Audio IP packetization bandwidth needs. Built Laird tough with Belden 4-pair, 23 AWG UTP copper 10GX cable and both ProShell & Neutrik etherCON RJ45 Connectors.

CAT6A-EC-PS-003 • 3' • \$50.95

CAT6A-EC-PS-025 • 25' • \$69.49

CAT6A-EC-PS-100 • 100' • \$133.49

CAT6A-EC-PS-300 • 300' • \$301.95



## Laird 3-in-1 12G-SDI / CAT6 / Audio PTZ Camera Cables



Combines a 4694R 12G-SDI RG6 coax channel for UHD video, a 3612 Gigabit Ethernet channel for POE+/100BaseTX/RS-422 and a 9451 shielded 1-channel pair for audio runs. This is the ideal cable snake for PTZ cameras in modern day production use. Each assembly includes generous fanouts for ease of install. Cable connectors are broadcast quality models from Amphenol, Neutrik & Platinum Tools and each includes protective boots for long lasting performance.

PTZ12GCM5NK-006 • 6' • \$93.49

PTZ12GCM5NK-025 • 25' • \$183.95

PTZ12GCM5NK-100 • 100' • \$537.49

PTZ12GCM5NK-250 • 250' • \$1225.95

## Laird 4C6SNKEC Series 4-Channel CAT6 Snakes With etherCON Connectors & 18" Fanouts



LAIRD® Cables are assembled using an exclusive Laird bundled 4-channel Ethernet Snake cable featuring a Belden 3612 CAT6 equivalent. These cables are perfect for premise horizontal Category 6 wiring designed for Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital Audio, AES51 and RS-422 applications.

4C6SNKEC-006 • 6' • \$147.95

4C6SNKEC-025 • 25' • \$237.95

4C6SNKEC-100 • 100' • \$590.49

4C6SNKEC-300 • 300' • \$1513.95



# GAFFER TAPE



This is Not Sales Hype! Pro Tapes ProGaff gets rave reviews amongst purists who know the difference. The truth is, this stuff sticks & removes better than anything on the market. The cloth base is firm, yet pliable and tears into precision size pieces when needed. Tons of uses in the studio & field.

## 2" x 55 Yard Gaffers Tape

BGT-60	Black	.....	<b>Your Price</b>	\$25.62
SGT-60	Gray	.....	<b>Your Price</b>	\$25.62
WGT-60	White	.....	<b>Your Price</b>	\$25.62
BLGT-60	Blue	.....	<b>Your Price</b>	\$25.64
RGT-60	Red	.....	<b>Your Price</b>	\$25.64
MGT-60	Burgundy	.....	<b>Your Price</b>	\$25.64
CGT-60	Choc. Brown	.....	<b>Your Price</b>	\$25.64
GGT-60	Olive Green	.....	<b>Your Price</b>	\$25.64
GRGT-60	Forest Green	.....	<b>Your Price</b>	\$25.64
YGT-60	Yellow	.....	<b>Your Price</b>	\$25.64
PGT-60	Purple	.....	<b>Your Price</b>	\$25.64
TGT-60	Teal	.....	<b>Your Price</b>	\$25.64
TNGT-60	Tan	.....	<b>Your Price</b>	\$25.64



## 1/2" x 45 Yard Spike Tape

SST-WH	White	.....	<b>Your Price</b>	\$12.79
SST-BK	Black	.....	<b>Your Price</b>	\$12.79
SST-RD	Red	.....	<b>Your Price</b>	\$12.79
SST-YW	Yellow	.....	<b>Your Price</b>	\$12.80
SST-GY	Gray	.....	<b>Your Price</b>	\$12.79
SST-GN	Green	.....	<b>Your Price</b>	\$12.79
SST-BN	Brown	.....	<b>Your Price</b>	\$12.79
SST-OE	Orange	.....	<b>Your Price</b>	\$12.80
SST-BE	Blue	.....	<b>Your Price</b>	\$12.79

## 1/2" x 45 Yard Florescent Spike Tape

PT-001SPKE45FLYW	Florescent Yellow	.....	\$12.80
PT-001SPKE45FLGN	Florescent Green	.....	\$12.80
PT-001SPKE45FLPK	Florescent Pink	.....	\$12.80



## MicroGaffer 1" x 8 Yard Gaffer Tape 4-Roll Multi-Packs

GT-4567	Fluorescent	.....	<b>Your Price</b>	\$18.95
GT-1123	Classic B&W	.....	<b>Your Price</b>	\$18.95
GT-89AB	Color	.....	<b>Your Price</b>	\$18.95

## 3" x 55 Yard Gaffers

BGT3-60	Black	.....	<b>Your Price</b>	\$37.40
SGT3-60	Gray	.....	<b>Your Price</b>	\$37.40
WGT3-60	White	.....	<b>Your Price</b>	\$37.40

## 4" x 55 Yard Gaffers

BGT4-60	Black	.....	<b>Your Price</b>	\$42.75
SGT4-60	Gray	.....	<b>Your Price</b>	\$42.75
WGT4-60	White	.....	<b>Your Price</b>	\$43.82



## 1" x 12 Yard Gaffer

BGT1-12	Black	.....	<b>Your Price</b>	\$5.76
SGT1-12	Silver	.....	<b>Your Price</b>	\$6.21
WGT1-12	White	.....	<b>Your Price</b>	\$6.32
GT1-12-4PK	4 Pack	.....	<b>Your Price</b>	\$19.65

## 1" x 55 Yard Gaffer

BGT1-60	Black	.....	<b>Your Price</b>	\$12.06
WGT1-60	White	.....	<b>Your Price</b>	\$12.06
GRGT1-60	Green	.....	<b>Your Price</b>	\$12.06
RGT1-60	Red	.....	<b>Your Price</b>	\$12.06
FGT1-50	Digital Key Green	.....	<b>Your Price</b>	\$13.28
EGT1-60	Digital Key Blue	.....	<b>Your Price</b>	\$12.06
FYGT1-60	Fluorescent Yellow	.....	<b>Your Price</b>	\$13.28

## Permaccel®



Shurtape P-672 is ideal for taping props, keeping wires bundled to the floor, sealing containers, bundling and even temp repairs

## Permaccel Shurtape P-672 Premium Gaffer Tape

SGP-30	Gray, 2" x 25 Yds	.....	\$21.35
BGS-30	Black, 2" x 25 Yds	.....	\$21.35
BGS-2X50GY	Gray, 2" x 50 Yds	.....	\$38.47
BGS-2X50	Black, 2" x 50 Yds	.....	\$38.47

## Permaccel Shurtape Pro Gaffer Tape

P665-2-GY	Gray, 2" x 60 Yds	.....	\$33.69
P665-2-BK	Black, 2" x 60 Yds	.....	\$33.69

## 50 Yard Fluorescent Gaffer Tape

FOGT1-50	1" Fluorescent Orange	.....	<b>Your Price</b>	\$13.28
FOGT-50	2" Fluorescent Orange	.....	<b>Your Price</b>	\$25.62
FPGT1-50	1" Fluorescent Pink	.....	<b>Your Price</b>	\$13.28
FPGT-50	2" Fluorescent Pink	.....	<b>Your Price</b>	\$25.62
YGT-50	2" Fluorescent Yellow	.....	<b>Your Price</b>	\$25.62
YGT3-50	3" Fluorescent Yellow	.....	<b>Your Price</b>	\$39.06



## Chroma Key Gaffers

FGGT-50	Chroma Key Green, 50 Yard Roll	.....	\$25.62
EGT-60	Chroma Key Blue, 50 Yard Roll	.....	\$25.64
CFGT-20	20 Yard Camouflage	.....	\$18.71



## Glow in the Dark Gaffers Tape



GLOWGT-10	1/2" x 10 Yards	.....	<b>Your Price</b>	\$16.36
GLOWGT1-10	1" x 10 Yards	.....	<b>Your Price</b>	\$18.57
GLOWGT2-10	2" x 10 Yards	.....	<b>Your Price</b>	\$38.47

## Pro Tapes Blue Removable Masking/Artist Tape 1in x 60yd

Designed for temporary masking and protecting in the field, studio and shop. Also known as "Seven Day Tape" because it removes easily within seven days.

**BMASK1 • Your Price \$6.91**



## Double Sided Gaffer

The double sided version of Pro Tape's world famous gaffers tape. This stuff sticks & removes better than anything on the market. The cloth base is firm, yet pliable and tears into precision size pieces when needed. Tons of uses in the studio & field to for hanging props, covering cables, label feeds, splice cables, position mics, seal road cases, shut up critics or temporary carpet drops. Truly the lifesaver of the audio & video industry.



DSGT-1X25-WE	1" x 25 Yds	.....	<b>Your Price</b>	\$21.89
DSGT-2X25-WE	2" x 25 Yds	.....	<b>Your Price</b>	\$42.74



# CAMPLEX TACTICAL FIBER

**markertek®**

## Complex TiniFiber Armored Tactical Fiber Optic Snakes

### Armored Fiber Inside!

The Complex CMX-TFS Armored Fiber Snake Cable Reels deliver a multiple application fiber cable with incredible flexibility and the smallest O.D. of any armored fiber on the market. This cable is constructed with Single Mode OS2 900um Polyurethane indoor/outdoor armored fiber optic cable making it perfectly suited for Telco, CATV, LAN, SAN, Broadcast, DAS, Communication, Security, Indoor, Outdoor as well as Aerial installations. The cable is up to 65% smaller and 75% lighter than conventional Aluminum Interlocking Armor (AIA) while providing the maximum bend radius. Designed for all indoor & outdoor conditions, the cable shell is crush and rodent resistant.

#### 2-Channel Snakes

CMX-TFS02ST-0010	10 Foot.....	Your Price \$68.49
CMX-TFS02ST-0025	25 Foot.....	Your Price \$81.95
CMX-TFS02ST-0050	50 Foot.....	Your Price \$104.95
CMX-TFS02ST-0100	100 Foot.....	Your Price \$150.49
CMX-TFS02ST-0250	250 Foot.....	Your Price \$288.49

#### 4-Channel Snakes

CMX-TFS04ST-0010	10 Foot.....	Your Price \$106.49
CMX-TFS04ST-0025	25 Foot.....	Your Price \$133.95
CMX-TFS04ST-0050	50 Foot.....	Your Price \$175.95
CMX-TFS04ST-0100	100 Foot.....	Your Price \$264.95
CMX-TFS04ST-0250	250 Foot.....	Your Price \$522.49

#### 12-Channel Snakes

CMX-TFS12ST-0010	10 Foot.....	Your Price \$435.95
CMX-TFS12ST-0025	25 Foot.....	Your Price \$494.49
CMX-TFS12ST-0050	50 Foot.....	Your Price \$579.49
CMX-TFS12ST-0100	100 Foot.....	Your Price \$769.95
CMX-TFS12ST-0250	250 Foot.....	Your Price \$1314.49

**CAMPLEX®**

## Complex TiniFiber Armored Tactical Fiber Optic Snake Reels

### Armored Fiber Inside!

The Complex CMX-TFR Armored Fiber Snake Cable Reels deliver a multiple application fiber cable with incredible flexibility and the smallest O.D. of any armored fiber on the market. The cables is constructed with Single Mode OS2 900um Polyurethane indoor/outdoor armored fiber optic cable making it perfectly suited for Telco, CATV, LAN, SAN, Broadcast, DAS, Communication, Security, Indoor, Outdoor as well as Aerial installations. The cable is up to 65% smaller and 75% lighter than conventional Aluminum Interlocking Armor (AIA) while providing the maximum bend radius. Designed for all indoor & outdoor conditions, the cable shell is crush and rodent resistant.

#### 2-Channel Reels

CMX-TFR02ST-0250	250 Foot.....	Your Price \$555.95
CMX-TFR02ST-0500	500 Foot.....	Your Price \$840.95
CMX-TFR02ST-0750	750 Foot.....	Your Price \$1121.95
CMX-TFR02ST-1000	1000 Foot.....	Your Price \$1390.49
CMX-TFR02ST-1250	1250 Foot.....	Your Price \$1645.95
CMX-TFR02ST-1500	1500 Foot.....	Your Price \$1890.95

#### 4-Channel Reels

CMX-TFR04ST-0250	250 Foot.....	Your Price \$704.95
CMX-TFR04ST-0500	500 Foot.....	Your Price \$1154.95
CMX-TFR04ST-0750	750 Foot.....	Your Price \$1872.95
CMX-TFR04ST-1000	1000 Foot.....	Your Price \$2239.49
CMX-TFR04ST-1250	1250 Foot.....	Your Price \$2578.49
CMX-TFR04ST-1500	1500 Foot.....	Your Price \$2925.95

#### 12-Channel Reels

CMX-TFR12ST-0250	250 Foot.....	Your Price \$1678.95
CMX-TFR12ST-0500	500 Foot.....	Your Price \$2568.49
CMX-TFR12ST-0750	750 Foot.....	Your Price \$3254.49
CMX-TFR12ST-1000	1000 Foot.....	Your Price \$4048.49
CMX-TFR12ST-1250	1250 Foot.....	Your Price \$4899.49

## Complex Singlemode Tactical Fiber Optic Snakes (No Reel)



Ruggedized multi-channel fiber optic cables designed to meet military tactical deployment requirements in field production, outside broadcast, rental houses & more. Highly flexible tight-buffered tactical cables with internal aramid strength members for crush resistance in high traffic areas and a polyurethane outer sheath designed to withstand crushing by both military tanks and Outside Broadcast vehicles. All assemblies are multistage machine polished and tested for <-55dB RL with test results for each channel supplied with each cable. Custom lengths & configurations always available.

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$259.49	\$419.95	\$580.95	\$741.95	\$902.95	\$1063.49	\$1224.49	\$1385.49
4	\$631.49	\$886.95	\$1166.49	\$1445.95	\$1725.49	\$1967.95	\$2241.95	\$2516.49
8	\$712.49	\$1169.95	\$1627.95	\$2085.49	\$2542.95	\$3000.95	\$3458.49	\$3915.95
12	\$1377.95	\$2068.95	\$2785.95	\$3502.95	\$4219.95	\$4845.49	\$5548.95	\$6252.95

### Part Number Ordering Guide

Channels	Connectors	Length (Ft)
HF-		
TS02	ST	0250
TS04	LC	0500
TS08		0750
TS12	*Inquire about opticalCON, TFOCA & Other Connectors	1000
		1250
		1500
		1750
		2000

Example: HF-TS08ST-1000  
1000 Foot 8-Channel ST  
Single Mode Snake

**SENKO** **AOC**  
SENKO GROUP® Advanced Components OPTICAL CABLE CORPORATION

**LET MARKERTEK CUSTOM BUILD  
ALL YOUR FIBER OPTIC CABLES  
TO YOUR EXACT SPECS!**



**Complex TAC-ALL 12-Channel Fiber Optic Tactical Snake - 500 Foot on Reel**

Never again will you arrive at an outside production unprepared with the Complex TAC-ALL Series cable reel. The Tac-All is a 12-channel cable combining several channels of single mode, OM3 multimode and OM1 multimode tactical fibers under a single home-run jacket.

- Built with Multichannel Tactical Cable & Heavy-Duty Connectors with Dust Caps
- Designed for Outdoor Adverse Environments for Reduced Size & Weight

**CMX-TARLCST-0500 • ST Single Mode & LC Multimode • \$1601.49**

**CMX-TASST-0500 • ST Single Mode & ST Multimode • \$1314.95**



**CAMPLEX®**

**Complex CMX Series Singlemode ProTac Fiber Optic Snake Reels**

*Extremely Rugged & Lightweight Tactical Fiber Snakes Designed for Broadcast & Pro-AV Applications!*

Tactical fiber cable reels designed for Broadcast & Pro-AV deployments and manufactured to meet all outdoor rated crush and impact resistant applications. The tough Thermoplastic Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko LC or ST premium fiber connectors. All assemblies are machine polished and interferometer tested to industry standards. All products are 100% tested and a complete set of test documentation of your cable is available upon request.

- Complex Tactical Cable & Senko Heavy Duty Connectors with Dust Caps
- Broadcast Deployable • Indoor/Outdoor rated jacket.
- Typical RL <-55dB and IL<0.25dB.
- Wide temperature range (typically -55°C to 85°C)
- 500um primary acrylate buffer with 900um secondary hard buffer
- Excellent crush and impact resistance due to their polyurethane Core-Locked outer jacket
- Designed to withstand crush and impact after deployment
- Strong, lightweight and extremely durable cable

**CAMPLEX®**

**Complex Singlemode ProTac Fiber Optic Snake Reels**

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$390.95	\$579.95	\$1251.49	\$1451.49	\$1558.49	\$1754.95	\$2128.49	\$2321.95
4	\$547.49	\$843.49	\$1355.49	\$1475.95	\$1830.95	\$2049.49	\$2300.95	\$2428.95
8	\$854.95	\$1436.49	\$1834.95	\$2268.95	\$2432.49	\$2983.49	\$3318.95	\$3422.95
12	\$963.95	\$1895.95	\$2448.49	\$2935.95	\$3350.49	\$4104.49	\$4489.95	\$5041.95

**Part Number Ordering Guide**

Channels	Connectors	Length (Ft)
CMX -		
TR02	ST	0250
TR04	LC	0500
TR08	*Inquire about	0750
TR12	opticalCON, TFOCA & Other Connectors	1000
		1250
		1500
		1750
		2000

*Example: CMX-TR08ST-1500*

8-Channel ST Snake Reel 1500 Foot

**Complex ProTac Field Snakes**

*The Ultimate Fiber Optic OB & ENG Tactical Snake!*

The Complex ProTac tactical snake is a special ruggedized version of our popular fiber optic snakes featuring a translucent, crush resistant, reusable protective tube for pulling and field deployment. The ProTac series offers maximum critical protection where it's needed most, at the Connector and Fan-Out area. Fan-outs are safely housed in the ProTac cover and the cover has a convenient pulling eye. Designed for maximum protection, the ProTac fiber deployment reel system is IP68 rated with the pulling sock is installed. The pulling eye and tactical sleeve protect fiber and connectors by transferring the tensile or pulling force to the cable structure.

**4-Channel ProTac Reels**

<b>HF-TRP04LC-0500</b>	500 Foot, 4-Channel LC.....	<b>Your Price \$1346.95</b>
<b>HF-TRP04LC-1000</b>	1,000 Foot, 4-Channel LC.....	<b>Your Price \$1727.95</b>
<b>HF-TRP04ST-0500</b>	500 Foot, 4-Channel ST.....	<b>Your Price \$1354.49</b>
<b>HF-TRP04ST-1000</b>	1,000 Foot, 4-Channel ST.....	<b>Your Price \$1935.49</b>

**12-Channel ProTac Reels**

<b>HF-TRP12LC-0500</b>	500 Foot, 12-Channel LC.....	<b>Your Price \$2255.95</b>
<b>HF-TRP12LC-1000</b>	1,000 Foot, 12-Channel LC.....	<b>Your Price \$4113.95</b>
<b>HF-TRP12ST-0500</b>	500 Foot, 12-Channel ST.....	<b>Your Price \$2290.95</b>
<b>HF-TRP12ST-1000</b>	1,000 Foot, 12-Channel ST.....	<b>Your Price \$4653.95</b>



Latching Protection!



Heavy Duty Crush Resistant Tube with Pulling Eye



## Complex Simplex Single mode 24-Channel Fiber Optic Tactical Cables

**CAMPLEX**

Tactical grade 24-Channel LC Fiber Optic Snakes built with rugged fanouts to meet outdoor rated crush and impact resistant cable requirements. • Perfect for applications requiring redundancy. • Designed for multiple deployments for field production in outside broadcast, rental houses and more. • Highly flexible tight-buffered tactical cables with internal aramid strength members for crush resistance and a polyurethane outer sheath.

### 24 Channel Snakes

25' • HF-TS24\*\*-0025 • Your Price \$1554.49

50' • HF-TS24\*\*-0050 • Your Price \$1653.95

100' • HF-TS24\*\*-0100 • Your Price \$1852.95

250' • HF-TS24\*\*-0250 • Your Price \$2401.95

500' • HF-TS24\*\*-0500 • Your Price \$3312.49

750' • HF-TS24\*\*-0750 • Your Price \$4269.49

1000' • HF-TS24\*\*-1000 • Your Price \$5225.95

### 24 Channel Reels

250' • HF-TR24\*\*-0250 • Your Price \$3018.49

500' • HF-TR24\*\*-0500 • Your Price \$4096.49

750' • HF-TR24\*\*-0750 • Your Price \$5178.95

1000' • HF-TR24\*\*-1000 • Your Price \$5968.95

1500' • HF-TR24\*\*-1500 • Your Price \$7917.49

\*\* ST, LC, & SC Models

## Complex Singlemode Yellow Tactical Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$556.49	\$693.49	\$1224.49	\$1365.95	\$1525.49	\$1631.49	\$1809.49	\$2162.49
4	\$688.95	\$977.49	\$1581.95	\$1813.49	\$2011.95	\$2231.49	\$2644.95	\$2895.95
8	\$960.95	\$1805.95	\$2247.95	\$2596.95	\$3063.49	\$3573.49	\$4031.95	\$4179.49
12	\$1522.95	\$2468.95	\$3159.95	\$3704.49	\$4490.95	\$5079.95	\$5507.95	\$6067.95

**CAMPLEX**

### Part Number Ordering Guide

Example: HF-TR08ST-1500

8-Channel ST Snake Reel 1500 Foot

\*Inquire about TFOCA & Other Connectors

Channels	Connectors	Length (Ft)
HF -		
TR02	ST	0250 1250
TR04	LC	0500 1500
TR08		0750 1750
TR12		1000 2000

## Complex Multimode Aqua OM3 50 Micron 10-Gig Tactical Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$828.95	\$1430.95	\$2091.49	\$2572.95	\$3000.49	\$3412.49	\$3817.49	\$4409.95
4	\$1096.49	\$1875.49	\$2801.49	\$3438.95	\$4065.49	\$4669.49	\$5549.95	\$6145.49
12	\$1978.49	\$3080.49	\$4630.49	\$5662.49	\$6962.49	\$8010.95	\$8944.49	\$9940.95

**CAMPLEX**

### Part Number Ordering Guide

Example: HF-TR04STM3-1500

1500 Foot 4-Channel ST Multi Mode OM3 Snake Reel

Channels	Connectors	Length (Ft)
HF-		M3-
TR02 TR08	ST	0250
TR04 TR12	LC	-
		2000

## Complex Multimode Orange OM1 62.5 Micron Tactical Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$578.49	\$847.95	\$1377.49	\$1620.95	\$1831.49	\$1974.49	\$2209.49	\$2603.95
4	\$754.49	\$1184.49	\$1928.95	\$2296.49	\$2636.95	\$2985.49	\$3584.95	\$3910.95
8	\$1635.95	\$2974.49	\$3965.49	\$4844.49	\$5978.95	\$6882.49	\$7653.95	\$4179.49
12	\$1823.95	\$3080.49	\$4125.95	\$5001.95	\$6136.49	\$7037.49	\$7808.49	\$8665.49

**CAMPLEX**

### Part Number Ordering Guide

Example: HF-TR04STM1-1500

1500 Foot 4-Channel ST Multi Mode OM1 Snake Reel

\*Inquire about TFOCA & Other Connectors

Channels	Connectors	Length (Ft)
HF -		M1 -
TR02	ST	0250 1250
TR04	LC	0500 1500
TR08		0750 1750
TR12		1000 2000



**We Are Your Established Volume Manufacturer  
for Hybrid Camera Cables!**

Featuring ultra-precision LEMO machine polished fiber contacts for the most demanding applications for high-speed uncompressed HD video transmissions over long distances. All assemblies multi-stage machine UPC polished and tested for  $\leq 55\text{dB RL}$ . Meets or exceeds SMPTE 304M/311M standards. Built by Camplex by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available.

## LEMO 3K SMPTE Hybrid Fiber Flexible Studio Cables

Assembled with premium Belden/Mohawk super flexible US SMPTE standard studio broadcast cable. This composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. The cable is standardized by SMPTE for HDTV Broadcast camera use. Cables consists of two single-mode optical fibers, four 20 AWG and two 24 AWG tinned copper conductors cabled around a steel strength element, with an overall tinned copper braid.

HF-FUWPUW-S-0025	25'	.....	<b>Your Price</b>	\$820.23
HF-FUWPUW-S-0050	50'	.....	<b>Your Price</b>	\$867.13
HF-FUWPUW-S-0075	75'	.....	<b>Your Price</b>	\$913.51
HF-FUWPUW-S-0100	100'	.....	<b>Your Price</b>	\$959.37
HF-FUWPUW-S-0164	164'	.....	<b>Your Price</b>	\$1078.63
HF-FUWPUW-S-0250	250'	.....	<b>Your Price</b>	\$1237.66
HF-FUWPUW-S-0328	328'	.....	<b>Your Price</b>	\$1382.89
HF-FUWPUW-S-0500	500'	.....	<b>Your Price</b>	\$1702.00

**CAMPLEX®**



PUW (Female Socket)

**BELDEN  
MOHAWK**  
Quantity Discounts Available

## SMPTE HYBRID HD-FIBER OPTIC CAMERA CABLES



**LEMO  
CERTIFIED**

- Assembled with Belden & Furukawa Premium SMPTE Hybrid Fiber Cable & LEMO 3K Connectors
- Industry standard cables
- Terminations by LEMO certified technicians
- Fiber optic assemblies 100% tested for attenuation and UPC back reflection
- SMPTE 311M and 304M compliant
- Stainless steel assemblies
- Rubber dust caps
- 19.4 Mbps to 3 Gbps transport
- Machine polished fiber contacts
- Low insertion and return loss (Documented)
- All lengths also available with built-in cable reel

**The Broadcast Industry's Fastest Turnaround  
on SMPTE Fiber Assemblies!**

**CAMPLEX®**

## LEMO 3K SMPTE Hybrid Fiber OB Furukawa Cables

Assembled with premium Furukawa US Standard SMPTE harsh environment outside broadcast cable. AWM style & recognized by UL, this composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. The cable is standardized by SMPTE for HDTV Broadcast camera use. • Rugged, high durability construction • Excellent flex & twist ability • Ultra-high abrasion resistance • Superior load bearing & tensile

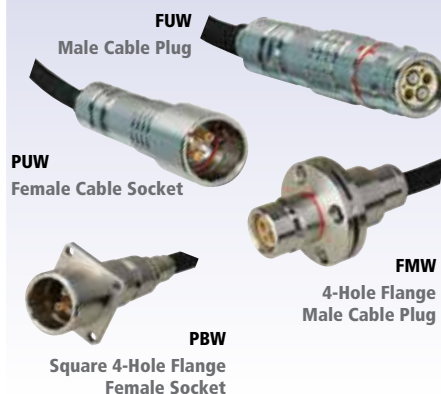


HF-FUWPUW-M-0025	25'	.....	<b>Your Price</b>	\$843.95
HF-FUWPUW-M-0050	50'	.....	<b>Your Price</b>	\$909.49
HF-FUWPUW-M-0075	75'	.....	<b>Your Price</b>	\$974.49
HF-FUWPUW-M-0100	100'	.....	<b>Your Price</b>	\$1039.95
HF-FUWPUW-M-0164	164'	.....	<b>Your Price</b>	\$1206.95
HF-FUWPUW-M-0250	250'	.....	<b>Your Price</b>	\$1430.95
HF-FUWPUW-M-0328	328'	.....	<b>Your Price</b>	\$1634.95
HF-FUWPUW-M-0500	500'	.....	<b>Your Price</b>	\$2083.95
HF-FUWPUW-M-1000	1000'	.....	<b>Your Price</b>	\$3389.49
HF-FUWPUW-M-1500	1500'	.....	<b>Your Price</b>	\$4692.95



**FURUKAWA**  
*Bound to Innovate*  
Quantity Discounts Available

**FUW & PUW LEMO 3K.93C SMPTE 311M cables standard. We can also terminate FMW, PBW, FXW & EDW Connectors.**



## LEMO 3K SMPTE Hybrid Fiber Breakout Cables

Hybrid fiber breakouts deliver a simple all-in-one solution when breaking out SMPTE 311M to separate optical and electrical connections. Pre-terminated SMPTE hybrid breakout cables feature 3K.93C connectors feeding out to choice of twin ST, SC, or LC optical connectors - **with or without power**. Power breakouts feature copper leads wired to AMP connectors or blunt ends. Perfect for use in SMPTE rack panels, splice trays, adapters and wall boxes. Breakout series is UPC machine polished to meet or exceed all SMPTE 304M/311M standards.

**CAMPLEX®**

### FXW to ST Fiber & Power Breakouts



LEMO FXW Panel Mount to Dual ST Fiber and 6-Pin AMP Mate-N-Lock Power Breakout Cable.

### FXW to LC Fiber & Power Breakouts



LEMO FXW Panel Mount to two LC Fiber and 6-Pin AMP Mate-N-Lock Power Breakout Cable.

### FXW to LC Fiber & Power Lead Breakouts



LEMO FXW Panel Mount to two LC Fiber and Blunt Power Breakout Cable.

HF-FXWBP3ST-12IN	12"	.....	<b>Your Price</b>	\$410.20
HF-FXWBP3ST-18IN	18"	.....	<b>Your Price</b>	\$410.20
HF-FXWBP3ST-24IN	24"	.....	<b>Your Price</b>	\$412.35

HF-FXWBP3LC-12IN	12"	.....	<b>Your Price</b>	\$411.51
HF-FXWBP3LC-18IN	18"	.....	<b>Your Price</b>	\$413.79
HF-FXWBP3LC-24IN	24"	.....	<b>Your Price</b>	\$413.79

HF-FXWBP4LC-12IN	12"	.....	<b>Your Price</b>	\$409.91
HF-FXWBP4LC-18IN	18"	.....	<b>Your Price</b>	\$411.84
HF-FXWBP4LC-24IN	24"	.....	<b>Your Price</b>	\$416.49







**Complex QFoca Series Cables Also Available with Integrated Cable Reels. See our website for details.**

CMX-X3Q04M-0010	10 Foot, Multimode.....	<b>Your Price \$1418.95</b>
CMX-X3Q04M-0050	50 Foot, Multimode.....	<b>Your Price \$1536.95</b>
CMX-X3Q04M-0100	100 Foot, Multimode.....	<b>Your Price \$1684.49</b>
CMX-X3Q04M-0250	250 Foot, Multimode.....	<b>Your Price \$2125.95</b>

## Complex QPC QMini & QMicro Expanded Beam Fiber Cables



Broadcaster engineers, stadium venue techs, live event production teams and system integrators are among those joining the migration to expanded beam cables from Cam-

plex. Expanded Beam systems offer less down-time as a result of dirt and contamination while offering the same rugged cable core in other tactical offerings.

The Complex **QMini** series features QPC's QMini Expanded Beam Fiber Optic Connectors, which are designed to meet the requirements of MIL-PRF-83526/20 & /21 Military Specifications. This connector utilizes non-physical contact fiber optic termini that are fully sealed behind an anti-reflective coated ball lens. This lens expands the beam to many times its original size aiding optical alignment and minimizing the effects of dust, debris, vibration, and other environmental conditions. Because there is no wear on the optical surfaces / end faces of the termini during use, the QMini connector has excellent durability, in excess of 3,000 mating cycles, providing a long service life interconnect solution. The QMini is a hermaphroditic connector allowing multiple plug-to-plug cable assemblies to be combined to extend the length of the system. The **QMicro** is an even smaller version of the QMini connector. It is also hermaphroditic connector allowing multiple plug-to-plug cable assemblies to be combined to extend the length of the system.

## Complex Neutrik FIBERFOX OM3 Multimode Expanded Beam Fiber Optic Cables



**Stadium venues, live entertainment theaters and television broadcasters are now switching to expanded beam fiber optic systems as the reliable choice to carry critical video, audio and data signals. At the forefront of this next generation sits the Complex line of FIBERFOX expanded beam fiber cables. It's an extremely durable, yet flexible, cable designed to handle all of your signal transmission needs at extreme distances.**

At the heart of the FIBERFOX cable by Complex is its EBC lens system which always ensures reliable system functionality even in harsh environmental conditions like rain, cold, heat, dust, mud or below water. This is a welcome change to traditional fiber systems where environmental challenges can often inhibit signal transmission. FIBERFOX EBC connectors comply with IP68 (connected or disconnected) and can be cleaned easily and quickly by using clear water and a lint-free cloth only. Detailed measurements or the use of special cleaning tools are not necessary!

The FIBERFOX connector can also achieve greater mating cycles (> 10,000 without change of insertion loss) which makes it a great fit for rental and staging companies. It's a virtually wear-free, maintenance-free system! The connectors are MIL-DTL-83526 compliant, so they are following the worldwide standard for expanded beam connectors.

## Complex QPC QFoca TFOCA-II Compatible 4-Fiber OM4 Multimode Fiber Optic Cables



Broadcaster engineers, stadium venue techs, live event production teams and system integrators are among those joining the migration to expanded beam cables from Complex. Expanded Beam systems offer less down-time as a result of dirt and contamination while offering the same rugged cable core in other tactical offerings.

The Complex QFoca series is a 4-Fiber Tactical Cable featuring QPC's QFoca Hermaphroditic Tactical Connector which is engineered for Harsh Environment and Military Ground Tactical applications. The QFoca 4 Channel version is designed to meet the requirements of MIL-PRF-83526/16 & /17 Military Specifications.

CMX-X3Q04S-0010	10 Foot, Single Mode .....	<b>Your Price \$1397.95</b>
CMX-X3Q04S-0050	50 Foot, Single Mode .....	<b>Your Price \$1431.95</b>
CMX-X3Q04S-0100	100 Foot, Single Mode .....	<b>Your Price \$1474.49</b>
CMX-X3Q04S-0250	250 Foot, Single Mode .....	<b>Your Price \$1600.95</b>

## Complex QPC QMini HMA Compatible Expanded Beam Fiber Cables:

CMX-X1Q02M-0010	2-Fiber OM4 Multimode - 10 Foot.....	<b>Your Price \$1076.49</b>
CMX-X1Q04M-0010	4-Fiber OM4 Multimode - 10 Foot.....	<b>Your Price \$1795.95</b>
CMX-X1Q02MR0250	2-Fiber OM4 Multimode - 250 Foot Reel .....	<b>Your Price \$1524.49</b>
CMX-X1Q04MR0250	4-Fiber OM4 Multimode - 250 Foot Reel .....	<b>Your Price \$2623.49</b>
CMX-X1Q02S-0010	2-Fiber Single Mode - 10 Foot.....	<b>Your Price \$1505.95</b>
CMX-X1Q04S-0010	4-Fiber Single Mode - 10 Foot.....	<b>Your Price \$1605.95</b>
CMX-X1Q02SR0250	2-Fiber Single Mode - 250 Foot Reel .....	<b>Your Price \$1829.49</b>
CMX-X1Q04SR0250	4-Fiber Single Mode - 250 Foot Reel .....	<b>Your Price \$1929.49</b>

## Complex QPC QMicro HMC/MX Compatible Expanded Beam Fiber Cables:

CMX-X2Q02M-0010	2-Fiber OM4 Multimode - 10 Foot.....	<b>Your Price \$1510.95</b>
CMX-X2Q04M-0010	4-Fiber OM4 Multimode - 10 Foot.....	<b>Your Price \$1795.95</b>
CMX-X2Q02MR0250	2-Fiber OM4 Multimode - 250 Foot Reel .....	<b>Your Price \$1958.95</b>
CMX-X2Q04MR0250	4-Fiber OM4 Multimode - 250 Foot Reel .....	<b>Your Price \$2623.49</b>
CMX-X2Q02S-0010	2-Fiber Single Mode - 10 Foot.....	<b>Your Price \$1363.49</b>
CMX-X2Q04S-0010	4-Fiber Single Mode - 10 Foot.....	<b>Your Price \$1774.95</b>
CMX-X2Q02SR0250	2-Fiber Single Mode - 250 Foot Reel .....	<b>Your Price \$1686.95</b>
CMX-X2Q04SR0250	4-Fiber Single Mode - 250 Foot Reel .....	<b>Your Price \$2098.49</b>

## This series offers 2-Channels delivered via OM3 Multimode Fiber Optic Cable:

CMX-XBN02MR0250	250 Foot Cable on Reel .....	<b>Your Price \$2174.49</b>
CMX-XBN02MR0328	328 Foot Cable on Reel .....	<b>Your Price \$2388.49</b>
CMX-XBN02MR0500	500 Foot Cable on Reel .....	<b>Your Price \$2859.95</b>
CMX-XBN02MR0656	656 Foot Cable on Reel .....	<b>Your Price \$3569.49</b>
CMX-XBN02MR0750	750 Foot Cable on Reel .....	<b>Your Price \$3843.49</b>
CMX-XBN02MR1000	1000 Foot Cable on Reel .....	<b>Your Price \$4528.49</b>
CMX-XBN02M-0010	10 Foot Cable Snake .....	<b>Your Price \$1191.95</b>
CMX-XBN02M-0050	50 Foot Cable Snake .....	<b>Your Price \$2388.49</b>
CMX-XBN02M-0100	100 Foot Cable Snake .....	<b>Your Price \$1438.49</b>
CMX-XBN02M-0250	250 Foot Cable Snake .....	<b>Your Price \$1849.49</b>
CMX-XBN02M-0328	328 Foot Cable Snake .....	<b>Your Price \$2063.49</b>

## This series offers 4-Channels delivered via OM3 Multimode Fiber Optic Cable:

CMX-XBN04MR0250	250 Foot Cable on Reel .....	<b>Your Price \$2848.49</b>
CMX-XBN04MR0328	328 Foot Cable on Reel .....	<b>Your Price \$3159.95</b>
CMX-XBN04MR0500	500 Foot Cable on Reel .....	<b>Your Price \$3844.95</b>
CMX-XBN04MR0656	656 Foot Cable on Reel .....	<b>Your Price \$4722.49</b>
CMX-XBN04MR0750	750 Foot Cable on Reel .....	<b>Your Price \$5095.95</b>
CMX-XBN04MR1000	1000 Foot Cable on Reel .....	<b>Your Price \$6092.49</b>
CMX-XBN04M-0010	10 Foot Cable Snake .....	<b>Your Price \$1567.49</b>
CMX-XBN04M-0050	50 Foot Cable Snake .....	<b>Your Price \$1726.95</b>
CMX-XBN04M-0100	100 Foot Cable Snake .....	<b>Your Price \$1926.49</b>
CMX-XBN04M-0250	250 Foot Cable Snake .....	<b>Your Price \$2524.95</b>
CMX-XBN04M-0328	328 Foot Cable Snake .....	<b>Your Price \$2836.49</b>

## Weather Resistant opticalCON Couplers

IP65 Weatherproof opticalCON DUO coupler (adapter) LC-Duplex for cable extensions with 4 copper wires (DUO) or Two Duplex LC (Quad).

**NEUTRIK®**



Fiber Mode	Multimode PC	Single mode PC	Single mode APC
Color Code	Black	Blue	Green
DUO #	NAO2M-H1W-A	NAO2S-H1W-A	NAO2SA-H1W-A
Your Price	\$351.40	\$389.90	\$401.87
QUAD #	NAO4MW-A	NAO4SW-A	NAO4SAW-A
Your Price	\$425.86	\$473.90	\$495.56



## Weather Resistant opticalCON MTP 12-Channel Couplers

Weatherproof opticalCON MTP coupler (adapter) for cable extensions.

Coupler	Color	Plating	Fiber	Wiring
NAO12MW-A	Black	Black	12 x Multimode PC	Type A
NAO12SAW-A	Green	Black	12 x Single mode APC	Type A
NAO12SAW-A	• Single mode IP 65 • Reg. \$940.48 <b>Your Price \$806.13</b>			
NAO12MW-A	• Multimode IP 65 • Reg. \$842.72 <b>Your Price \$722.33</b>			

## opticalCON ACCESSORIES

### Neutrik Front Housing Protection

Rubber coated pollutant-protection cover for opticalCON cable connectors including front housing. It can be mated with the chassis cover to keep the interior clean.

**SCNO4MX-A** • Multimode QUAD • **\$64.95**

**SCNO2MX-A** • Multimode DUO • **\$64.95**

### opticalCON Sealing Covers

Drop down or stage boxes and certain outdoor devices can benefit from additional protection of the opticalCON chassis connectors. The sealing dust cover encloses the entire shutter group and completely protects the interior from pollutant & ingress of water.

**SCD-NC** • Rubber • **\$18.80**

**SCNO-FDW-A** • Metal • **\$26.04**

### Clear Spring-Loaded Cover IP65 Rated

Shuts automatically after unplugging the cable connector and seals the chassis connectors against dust and water to IP65. Fits all D-size chassis connectors.

**SCCD-W** • **\$14.21**

### Neutrik Hinged Covers

Hinged cover seals D-size chassis connectors from water, dust and dirt in unmated condition according to IP42. It is available in different colors.

**SCDX** • Black • **Your Price \$1.71**

**SCDX-6** • Blue (indicates single-mode PC) • **Your Price \$1.67**

**SCDX-9** • White (e.g. wall outlet) • **Your Price \$1.67**

## Camplex opticalCON DUO Single Mode Tac Reel with Hub Mount Chassis Jack

- opticalCON DUO or QUAD to Chassis Mount on Hub Single Mode Fiber Optic Tactical Reel
- Assemblies are interferometrically tested to GR-326-CORE end-face standards.
- Machine polishing processes provide exceptionally low return loss and insertion loss.
- opticalCON features a ruggedized connector body, common LC contacts, and a mechanical shutter system to shield against end-face contamination.



### opticalCON DUO Single Mode Fiber Reel

	100'	250'	500'	1000'
HF-TROC2S-H-0100	\$781.95	\$901.49	\$1100.95	\$1816.95
HF-TROC2S-H-0250		\$901.49	\$1100.95	\$1816.95
HF-TROC2S-H-0500			\$1100.95	\$1816.95
HF-TROC2S-H-1000				\$1816.95

### opticalCON QUAD Single Mode Fiber Reel

	100'	250'	500'	1000'
HF-TROC4S-H-0100	\$890.95	\$1047.49	\$1283.49	\$2175.49
HF-TROC4S-H-0250		\$1047.49	\$1283.49	\$2175.49
HF-TROC4S-H-0500			\$1283.49	\$2175.49
HF-TROC4S-H-1000				\$2175.49

## Neutrik opticalCON Chassis Connectors

Ruggedized & dirt-protected 2-Channel & 4-channel feed-through LC • Shutter with silicon gasket protects optical connection from dust & dirt • Dust and water resistant according to IP65 in mated condition • Connection on the front side either by rugged opticalCON or standard LC connector - rear side by standard LC • Color-coded rubber sealing gasket SCDP-\* (sold separately below) help identify fiber mode • Standard D size shell and Push-Pull locking mechanism.



**NO2-4FDW-A** • Black finish • **\$103.51**

**NO2-4FDW-1-A** • Black finish, 1 shell ground contact (SMPTE cable shield) • **\$114.16**

**NO4FDW-A** • opticalCON Quad Chassis Connector • **\$100.24**

**NO12FDW-A** • opticalCON MTP Chassis Connector • **\$180.83**

**NEUTRIK®**



### opticalCON 30° Angled Rack Panel

The 30° forward-turned angled 19" panel for racks in demanding environments protects the installed receptacles well against the ingress of dirt and water. 12 D-shape cutouts with M3 threaded fastening holes.

**NZP1RU-12** • Reg. \$100.40 **Your Price \$86.06**



**NEUTRIK®**

### opticalCON Rack Panel Frames

Space saving design, ideal for cramped rack applications such as OB truck I/O panels

- Best cable bend protection for mated cables due to 45° angled outlet position
- Frame can be equipped with different plates
- Plates can be mounted horizontal in the 1RU frame or vertical in the 3RU frame

**NZPF1RU** • 1RU • **\$153.31** **NZPF3RU** • 3RU • **\$256.47**



## opticalCON DUO LITE to DUO Fiber Optic Tactical Cables

Neutrik opticalCON DUO LITE Single Mode and Multimode fiber cables by Camplex provide a semi-rugged alternative to opticalCON Advanced systems when the action calls for a compact, lightweight solution. The cable is designed to allow higher bend radius performance typically used in rack interconnects, camera cranes, steadicam rigs, truck bays and other similarly controlled environments. Best of all, It is fully compatible with standard opticalCON DUO connections. The DUO delivers a ruggedized 2-channel fiber optic connection system for semi and permanent installation. Mated connections are waterproof acc. to IP65 safety standards and the reliable push-pull locking mechanism assures there is never an accidental disconnect. All connections are compatible with standard opticalCON DUO chassis NO2-4FDW-A connectors.

\*Add M for Multimode or S for Single Mode Model

HF-OCL2*-0003	3 Feet.....	Reg. \$297.95	<b>Your Price \$272.95</b>
HF-OCL2*-0010	10 Feet.....	Reg. \$301.95	<b>Your Price \$276.95</b>
HF-OCL2*-0015	15 Feet.....	Reg. \$304.49	<b>Your Price \$279.49</b>
HF-OCL2*-0025	25 Feet.....	Reg. \$310.49	<b>Your Price \$284.49</b>
HF-OCL2*-0035	35 Feet.....	Reg. \$315.95	<b>Your Price \$290.49</b>
HF-OCL2*-0050	50 Feet.....	Reg. \$325.49	<b>Your Price \$298.49</b>

## Camplex opticalCON QUAD Single Mode XTREME Tac Reels

X-TREME Series Super Rugged OpticalCON Tactical Snake Cables for Severe Environments! 4-Channel Singlemode opticalCON QUAD X-TREME Fiber only (no power conductors) features a cut-proof and rodent resistant double jacket glass yarn armored cable construction. Excellent cable retention due to aramid yarn, black PUR outer jacket. The opticalCON QUAD cable connector accommodates four PC optical channels based on conventional and proven LC connectivity protected by a ruggedized and durable all-metal housing.



HF-TROC4SX-0100	100 Feet.....	Reg. \$1684.95	<b>Your Price \$1531.95</b>
HF-TROC4SX-0250	250 Feet.....	Reg. \$1914.49	<b>Your Price \$1743.49</b>
HF-TROC4SX-0500	500 Feet.....	Reg. \$2300.95	<b>Your Price \$2102.49</b>
HF-TROC4SX-1000	1000 Feet.....	Reg. \$2890.95	<b>Your Price \$2649.95</b>



## NEUTRIK® opticalCON DUO 2-Channel Single mode Field Cables

Assembled 2 fibers rugged and lightweight mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in multi- and single mode (PC or APC), military approved.

opticalCON DUO to opticalCON DUO Cable		opticalCON DUO Cable with Tac Reel	
100'	HF-OC2S-0100	\$802.95	HF-TROC2S-0100 \$1042.49
164'	HF-OC2S-0164	\$847.49	HF-TROC2S-0164 \$1094.49
250'	HF-OC2S-0250	\$906.95	HF-TROC2S-0250 \$1159.95
328'	HF-OC2S-0328	\$960.49	HF-TROC2S-0328 \$1220.95
500'	HF-OC2S-0500	\$1079.49	HF-TROC2S-0500 \$1350.49
656'	HF-OC2S-0656	\$1187.49	HF-TROC2S-0656 \$1689.95
1000'	HF-OC2S-1000	\$1424.95	HF-TROC2S-1000 \$1906.95

## opticalCON LITE DUO or QUAD Tactical Fiber Cable Reels in Single mode or Multimode

- Rugged Lightweight Reel with Brake Lock
- Dust and Waterproof According to IP65 in Mated Condition
- Bend Optimized OM3 Fiber • Rugged Push-Pull Locking Mechanism with Rubber Caps
- Lifetime 2500 Mating Cycles • Easy to Clean Shutterless Connectors
- Rugged Cable Retention Utilizing Aramid Yarn Strength member • Extremely Flexible and Crush Resistant



opticalCON LITE DUO Single mode Fiber Reel			opticalCON LITE DUO Multimode Fiber Reel		
100'	HF-TROCL2S-0100	\$372.95	HF-TROCL2M-0100	\$420.49	
250'	HF-TROCL2S-0250	\$413.49	HF-TROCL2M-0250	\$500.95	
500'	HF-TROCL2S-0500	\$471.95	HF-TROCL2M-0500	\$635.95	
1000'	HF-TROCL2S-1000	\$592.95	HF-TROCL2M-1000	\$905.95	

opticalCON LITE QUAD Single mode Fiber Reel			opticalCON LITE QUAD Multimode Fiber Reel		
100'	HF-TROCL4S-0100	\$451.49	HF-TROCL4M-0100	\$496.49	
250'	HF-TROCL4S-0250	\$502.95	HF-TROCL4M-0250	\$601.49	
500'	HF-TROCL4S-0500	\$577.49	HF-TROCL4M-0500	\$774.49	
1000'	HF-TROCL4S-1000	\$731.95	HF-TROCL4M-1000	\$1121.95	

## opticalCON DUO SMPTE Cables

Preassembled SMPTE cable with 2 single-mode fibers (PC or APC), 2xAWG24 and 2xAWG16 (or 4xAWG20) stranded copper conductors, overall copper-braided shield and stainless steel strength member, strong black PUR outer jacket for abrasion resistance.

SMPTE Hybrid Cables for Indoor Powered Applications  
ENG/SNG Low Voltage Camera SM Hybrid Cables



opticalCON DUO SMPTE Cable			opticalCON SMPTE Cable with Tac Reel		
100'	HF-OCSMPT-0100	\$1187.95	HF-TROCSMPT-0100	\$1614.95	
164'	HF-OCSMPT-0164	\$1365.95	HF-TROCSMPT-0164	\$1781.95	
250'	HF-OCSMPT-0250	\$1605.49	HF-TROCSMPT-0250	\$1970.49	
328'	HF-OCSMPT-0328	\$1822.95	HF-TROCSMPT-0328	\$2215.49	
500'	HF-OCSMPT-0500	\$2302.49	HF-TROCSMPT-0500	\$2483.95	
656'	HF-OCSMPT-0656	\$2737.49	HF-TROCSMPT-0656	\$2876.95	
1000'	HF-OCSMPT-1000	\$3694.95	HF-TROCSMPT-1000	\$3678.95	



## NEUTRIK® opticalCON QUAD 4-Channel Single mode Field Cable

Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC).

opticalCON QUAD to opticalCON QUAD Cable		opticalCON QUAD Cable with Tac Reel	
100'	HF-OC4S-0100	\$908.95	HF-TROC4S-0100 \$1158.49
164'	HF-OC4S-0164	\$976.49	HF-TROC4S-0164 \$1230.49
250'	HF-OC4S-0250	\$1095.49	HF-TROC4S-0250 \$1308.49
328'	HF-OC4S-0328	\$1147.95	HF-TROC4S-0328 \$1398.95
500'	HF-OC4S-0500	\$1328.95	HF-TROC4S-0500 \$1558.49
656'	HF-OC4S-0656	\$1492.49	HF-TROC4S-0656 \$1789.95
1000'	HF-OC4S-1000	\$1851.95	HF-TROC4S-1000 \$2126.49



**Complex Fiber Media Converter Ethernet SFP to SFP**

Incorporate multiple laser wavelengths or multiple fiber modes into your network with the Complex CMX-FMC-6001 SFP to SFP Fiber Media Converter. This handy device can provide tremendous costs savings to the alternative of replacing a fiber optic card.



- Convert Fiber to Fiber Mode and Wavelength
- Supports 2 SFPs (Small Form-Factor Pluggable) with Identical Speeds up to 1.25Gbps
- Compact, Black Powder-Coated Steel Cabinet
- Four LED Indicators for Power and Fiber Connection
- Compliant with IEEE802.3z & 802.3ab Standards
- Certification: CE, FCC, and RoHS
- Compatible with MSA SFP+ SFP's

**CMX-FMC-6001 • Reg. \$39.95 Your Price \$37.95**

**Complex opticalCON to ST & LC Breakout Adapters**

Connect your opticalCON Duo and Quad cables to standard ST and LC fiber optic connectors with these handy in-line adapters by Complex. Rugged yet lightweight design is perfect to strap to cameras and other gear, 1 meter cable length with Techflex protective tubing for years of professional use.



- OPADAP-1** opticalCON Duo 2 LC breakout, Multimode ..... **Your Price \$179.95**  
**OPADAP-2** opticalCON Duo 2 LC breakout, Single Mode..... **Your Price \$179.95**  
**OPADAP-3** opticalCON Quad 4 LC breakout, Multimode .... **Your Price \$179.95**  
**OPADAP-4** opticalCON Quad 4 LC breakout, Single Mode.. **Your Price \$179.95**  
**OPADAP-5** opticalCON Duo 2 ST breakout, Multimode ..... **Your Price \$179.95**  
**OPADAP-6** opticalCON Duo 2 ST breakout, Single Mode..... **Your Price \$179.95**  
**OPADAP-7** opticalCON Quad 4 ST breakout, Multimode .... **Your Price \$179.95**  
**OPADAP-8** opticalCON Quad 4 ST breakout, Single Mode.. **Your Price \$179.95**

**Complex MTP to MTP Coupler with Full Flange and Spring Clip**

This MTP to MTP Coupler has a standard footprint featuring full flange and 2 dust-caps. The coupler body is made of polyetherimide with a stainless-steel spring clip, and dust-cap made of polycarbonate, all to reduce the potential for debris generation. This coupler works with any MTP and MPO Connectors from a 4 Fiber to 72 Fiber. Widely used in trunk cabling and cassettes, this adapter meets appropriate standards and is perfect for your parallel optics and MTP coupler needs.

- Single Mode or Multimode • Full Flange
- Opposed Key • Stainless-Steel Spring Clip
- Polyetherimide Body

**FOA-SMS-MTP-FL**  
**Your Price \$20.49**

**CAMPLEX®**

Model #	Description	Your Price
(A) FOA-ST-ST-SS	ST to ST Fiber Adapter Simplex / Singlemode with Zirconia Sleeve & Metal Thread	\$1.95
(B) FOA-ST-ST-SM	ST to ST Fiber Adapter Simplex / Multimode with PB Sleeve & Metal Thread	\$1.95
(C) FOA-ST-SC-SM-MF	ST to SC Simplex Multimode Coupler with Flange PB Sleeve & Metal Body	\$4.95
(D) FOA-SC-SC-SM-PF	SC to SC Fiber Adapter Simplex Multimode with Bronze Sleeve & Plastic Flange	\$1.49
(E) FOA-SC-SC-SS-MF	SC to SC Fiber Adapter Simplex Singlemode with Zirconia Sleeve & Metal Flange	\$4.49
(F) FOA-ST-ST-DS-MF	ST to ST Fiber Optic Coupler Singlemode Duplex - Metal with Zirconia Sleeve	\$4.49
(G) FOA-SC-SC-DS	SC to SC Singlemode Duplex Fiber Optic Coupler Adapter - Flangeless	\$2.49
(H) FOA-SC-SC-DM	SC to SC Multimode Duplex Fiber Optic Coupler Adapter Bronze Sleeve	\$1.95
(I) FOA-LC-LC-DM	LC to LC Multimode Duplex Fiber Optic Coupler Adapter Bronze Sleeve	\$4.49
FOA-LC-LC-DM-PF	LC to LC Multimode Duplex Fiber Optic Coupler Adapter Bronze Sleeve with Flange	\$4.49
(J1) FOA-LC-LC-DS	LC to LC Singlemode Duplex Fiber Optic Coupler Adapter Zirconia Sleeve	\$2.95
(J2) FOA-LC-LC-DS-PF	LC to LC Singlemode Duplex Fiber Optic Coupler Adapter Zirconia Sleeve & Flange	\$3.95
(K) FOA-LC-LC-SS	LC to LC Singlemode Simplex Fiber Optic Coupler	\$2.49
(L) FOA-LC-LC-SM	LC to LC Multimode Simplex Fiber Optic Coupler	\$1.95
(M) FOA-10G-LC-LC-DM	10-Gig LC to LC Duplex Multimode Fiber Optic Coupler with Flange	\$4.49
(N) FOA-LC-SC-SM	LC to SC Multimode Simplex Fiber Optic Coupler	\$20.49
(O) FOA-ST-SC-DM-PF	ST to SC Coupler Multimode Duplex Flange Bronze Sleeve Plastic Body	\$10.49

**Complex Fiber Media Converter Gigabit Ethernet 1000Base-T to 1000Base-SX/LX SFP**

The Complex FMC-1001 Fiber Media Converter is the simple solution for converting 1000Base-T Gigabit Ethernet to 1000Base-SX/LX SFP in order to change existing copper based ethernet equipment over to fiber.



- Supports MDI/MDIX Auto-Crossover
- 1 GE SFP (Small Form-Factor Pluggable) Transceiver Slot and 2 RJ45 Ports
- Compact, Black Powder-Coated Steel Cabinet
- Two LED Indicators for Power and Fiber Connection
- Compliant with IEEE802.3z & 802.3ab Standards
- Certification: CE, FCC, and RoHS
- Compatible with MSA SFP+ SFP's

**CMX-FMC-1001 • Reg. \$36.95 Your Price \$33.49**

**Complex CMX-FMCTRX001 10G Ethernet Single Mode LC SFP Transceiver**

The Complex FMCTRX001 is a 10G compatible LC SFP transceiver designed to carry HDMI carries signals up to 12.43 miles over single mode fiber. This unit is designed to work in HDMI extenders featuring an SFP port and utilizes a fiber optic port with LC connection for signal extension.

**CAMPLEX®**



- Singlemode Fiber/10G Ethernet
- Duplex or Simplex LC Connector
- Transmits up to 12.43 miles over Single Mode Fiber
- Hot Swappable • IEEE 802.3ae & SFF-8431 Standards • FCC, CE Certified

**CMX-FMCTRX001 • Reg. \$134.95 Your Price \$129.95**

**FIBER OPTIC ADAPTERS**

## Complex Single Mode Premium Bend Tolerant CS to LC Fiber Patch Cables

Performance series CS to LC 9/125 Duplex (Dual) single mode fiber optic cables from Complex. The Senko CS Duplex connector is optimized for 400G new-generation data centers and has a 40% size reduction compared to the standard LC Duplex. Manufactured with high-quality components, these fiber optic patch cables feature Yellow OFNR jackets. Complex fiber optic patch cables are fully tested to ensure reliable performance in critical applications. Custom lengths & connector combinations are always available from our in-house Fiber Lab.



SMD9-CS-LC-001	1 Meter	Your Price \$26.49
SMD9-CS-LC-002	2 Meter	Your Price \$26.95
SMD9-CS-LC-003	3 Meter	Your Price \$27.49
SMD9-CS-LC-006	6 Meter	Your Price \$28.49
SMD9-CS-LC-010	10 Meter	Your Price \$30.49

## Complex Single Mode Premium Bend Tolerant CS to CS Fiber Patch Cables

Performance series CS to CS 9/125 Duplex (Dual) single mode fiber optic cables from Complex. The Senko CS Duplex connector is optimized for 400G new-generation data centers and has a 40% size reduction compared to the standard LC Duplex. Manufactured with high-quality components, these fiber optic patch cables feature Yellow OFNR jackets. Complex fiber optic patch cables are fully tested to ensure reliable performance in critical applications. Custom lengths & connector combinations are always available from our in-house Fiber Lab.



SMD9-CS-CS-001	1 Meter	Your Price \$38.95
SMD9-CS-CS-002	2 Meter	Your Price \$39.49
SMD9-CS-CS-003	3 Meter	Your Price \$39.95
SMD9-CS-CS-006	6 Meter	Your Price \$40.95
SMD9-CS-CS-010	10 Meter	Your Price \$42.95



## Complex OM4 Armored Fiber Patch Cables

Protect your indoor network installations with Complex armored fiber optic patch cables featuring stainless steel wrapped fibers and bend insensitive fiber for maximum flexibility. These riser cables are moisture, crush, and rodent-resistant making them highly reliable for applications such as high-speed network patching located in changeable indoor environments.

**CAMPLEX**

\*Available as simplex and duplex with OM4 multimode fiber and LC and ST connector configurations in 1 to 10-meter lengths.

Model	Configuration	1 Meter	3 Meter	10 Meter
MMXSM4-LC-LC-*	Multimode Simplex LC to LC	\$10.49	\$14.95	\$30.95
MMXSM4-ST-ST-*	Multimode Simplex ST to ST	\$8.95	\$13.49	\$29.49
MMXSM4-ST-LC-*	Multimode Simplex ST to LC	\$9.49	\$14.49	\$29.95
MMXDM4-LC-LC-*	Multimode Duplex LC to LC	\$20.95	\$29.95	\$61.49
MMXDM4-ST-ST-*	Multimode Duplex ST to ST	\$17.49	\$26.49	\$58.49
MMXDM4-ST-LC-*	Multimode Duplex ST to LC	\$18.95	\$28.49	\$59.95



## Complex 62/125 Armored Fiber Patch Cables - Orange

\* Available as simplex and duplex with single mode, OM4 multimode and OM1 multimode fiber and LC and ST connector configurations in 1 to 10-meter lengths.

Model	Configuration	1 Meter	3 Meter	10 Meter
MMXS62-LC-LC-001	Multimode Simplex LC to LC	\$7.49	\$10.95	\$22.49
MMXS62-ST-ST-001	Multimode Simplex ST to ST	\$7.49	\$10.95	\$22.49
MMXS62-ST-LC-001	Multimode Simplex ST to LC	\$7.49	\$10.95	\$22.49
MMXD62-LC-LC-001	Multimode Duplex LC to LC	\$14.49	\$21.49	\$30.49
MMXD62-ST-ST-001	Multimode Duplex ST to ST	\$14.49	\$21.49	\$30.49
MMXD62-ST-LC-001	Multimode Duplex ST to LC	\$14.49	\$21.49	\$30.49

## Complex Single Mode Premium Bend Tolerant Fiber Patch Cables

Performance series LC to LC 9/125 Simplex single mode fiber optic cables from Complex. Manufactured with high quality components, these fiber optic patch cables feature Yellow OFNR jackets. Complex fiber optic patch cables are fully tested to ensure reliable performance in critical applications.



\*Add length 001 = 1 Meter, 002 = 2 Meter, 010 = 10 Meter

Model	Configuration	1 Meter	2 Meter	10 Meter
SMS9-LC-LC-*	Single mode Simplex LC to LC	\$9.95	\$9.95	\$12.95
SM59-ST-ST-*	Single mode Simplex ST to ST	\$7.95	\$8.95	\$11.95
SM59-ST-LC-*	Single mode Simplex ST to LC	\$8.95	\$8.95	\$11.95
SMD9-LC-LC-*	Single mode Duplex LC to LC	\$17.95	\$18.95	\$24.95
SMD9-ST-ST-*	Single mode Duplex ST to ST	\$15.95	\$16.95	\$21.95
SMD9-ST-LC-*	Single mode Duplex ST to LC	\$16.95	\$17.95	\$23.95

## Complex 9u/125u Armored Fiber Optic Patch Cables Single Mode

Stainless Steel Armor Provides Added Durability

- Bend Insensitive Fiber for Maximum Flexibility
- Riser-Rated, PVC Jacket • Flame Retardant and Crush Resistant • Ideal for Patching Backbone Trunks to High-Speed Network Devices • Ceramic Ferrules for Long-Lasting Reliability and Precision Alignment



\* Available as simplex and duplex with single mode, OM4 multimode and OM1 multimode fiber and LC and ST connector configurations in 1 to 10-meter lengths.

Model	Configuration	1 Meter	3 Meter	10 Meter
SMXS9-LC-LC-*	Single mode Simplex LC to LC	\$10.49	\$12.49	\$19.95
SMXS9-ST-ST-*	Single mode Simplex ST to ST	\$8.95	\$10.95	\$18.49
SMXS9-ST-LC-*	Single mode Simplex ST to LC	\$9.49	\$11.49	\$18.95
SMXD9-LC-LC-*	Single mode Duplex LC to LC	\$20.49	\$24.49	\$39.49
SMXD9-ST-ST-*	Single mode Duplex ST to ST	\$17.49	\$21.49	\$36.49
SMXD9-ST-LC-*	Single mode Duplex ST to LC	\$18.95	\$22.95	\$37.95

## FiberPlex WGF Series Waveguide Filters

The WGF Series accepts up to 12 pre-terminated fiber optic cables with attached connectors. It is designed to provide a means of bringing fiber optic cables into a shielded enclosure while maintaining the enclosure's radio frequency isolation integrity. The filter has a patented removable center plug, which is surrounded by six or twelve waveguide bores. When the center plug is removed, connectorized fiber optic cables can be inserted into the peripheral cable sized slots.


**fiberplex**

**WGF-6** • 6 Channel Waveguide Filter • **\$323.00**

**WGF-12** • 12 Channel Waveguide Filter • **\$447.00**

## Camplex Simplex Singlemode APC Fiber Optic Tactical Adapter Cables

*Quickly Adapt any APC Fiber Connection to Stand UPC!*

Quickly change your Singlemode tactical fiber cables between connector varieties as well as APC & UPC polished ends. By utilizing TAC 1 cable from OCC, Camplex tactical fiber adapters are field tough so you can confidently adapt your cables with reliable components saving time and money on site productions or permanent installs. Available in every possible variety to adapt LC, SC or ST connections.



**HF-SM-ASCF-STM** • APC LC-F to APC SC-M • **\$28.95**

**HF-SM-ASCF-SCM** • APC LC-F to UPC LCM • **\$29.95**

**HF-SM-ASCF-LCM** • APC LC-F to UPC SC-M • **\$28.95**

**HF-SM-ASCF-ALCM** • APC SC-F to APC LC-M • **\$29.95**

**HF-SM-ALCF-STM** • APC LC-F to UPC ST-M • **\$30.95**

**HF-SM-ALCF-SCM** • APC LC-F to UPC SC-M • **\$30.95**

**HF-SM-ALCF-LCM** • APC LC-F to UPC LC-M • **\$30.95**

**HF-SM-ALCF-ASCM** • APC LC-F to APC SC-M • **\$30.95**

## Multimode LC Fiber Optic Splitter Cables

A Camplex exclusive fiber optic passive splitter. Multimode fused splitters offer a handy solution to split optical signal for routing to multiple devices, inputs or patch panels when used with a Neutrik NZPFD-2. Note: These assemblies are not for combining optical signals, however, they can be used as alternate inputs when accounting for optical budget losses.



### 1x2 Splitter Cables

**CMX-MM1X2LC-001** • 1 Foot • **\$223.95**

**CMX-MM1X2LC-003** • 3 Foot • **\$223.95**

### 1x3 Splitter Cables

**CMX-MM1X3LC-001** • 1 Foot • **\$277.95**

**CMX-MM1X3LC-003** • 3 Foot • **\$277.95**

## Camplex Tactical Fiber Adapter Cables

Quickly change your tactical fiber cables between LC, SC or ST connections with these clever adapter cables from Camplex. By utilizing TAC 1 cable from OCC, Camplex tactical fiber adapters are field tough so you can confidently adapt your cables with reliable components saving time and money on site productions or permanent installs. Available in every possible variety to adapt LC, SC or ST connections in both multimode or singlemode on the fly when re-terminating or rewiring is impossible.

### 1 Foot Single Mode Adapter Cables

**HF-SM-STF-LCM** • ST Female to LC Male • **\$30.95**

**HF-SM-STF-SCM** • ST Female to SC Male • **\$27.95**

**HF-SM-LCF-SCM** • LC Female to SC Male • **\$28.95**

**HF-SM-LCF-STM** • LC Female to ST Male • **\$27.95**

**HF-SM-SCF-LCM** • SC Female to LC Male • **\$27.95**

**HF-SM-SCF-STM** • SC Female to ST Male • **\$27.95**

### 1 Foot OM1 Multimode Adapter Cables

**HF-M1-STF-LCM** • ST Female to LC Male • **\$27.95**

**HF-M1-STF-SCM** • ST Female to SC Male • **\$37.95**

**HF-M1-LCF-SCM** • LC Female to SC Male • **\$27.95**

**HF-M1-LCF-STM** • LC Female to ST Male • **\$27.95**

**HF-M1-SCF-LCM** • SC Female to LC Male • **\$26.95**

**HF-M1-SCF-STM** • SC Female to ST Male • **\$26.95**

### 1 Foot OM3 Multimode Adapter Cables

**HF-M3-LCF-SCM** • LC Female to SC Male • **\$27.95**

**HF-M3-LCF-STM** • LC Female to ST Male • **\$27.95**

**HF-M3-STF-LCM** • ST Female to LC Male • **\$27.95**

**HF-M3-STF-SCM** • ST Female to SC Male • **\$26.95**

**HF-M3-SCF-LCM** • SC Female to LC Male • **\$25.95**

**HF-M3-SCF-STM** • SC Female to ST Male • **\$26.95**

## Camplex Single Mode LC Fiber Optic Splitter Cables

A Camplex exclusive fiber optic passive splitter. Single Mode fused splitters offer a handy solution to split optical signal for routing to multiple devices, inputs or patch panels when used with a Neutrik NZPFD-2.

Note: These assemblies are not for combining optical signals, however, they can be used as alternate inputs when accounting for optical budget losses.

### Features:

- Single Mode fused optical splitter
- LC fiber assemblies split 1 into 3 signals or 1 into 2 signals • 1x3 offer 100 to 33/33/33 split • 1x2 offer 100 to 50/50 split • Splits optical signal for routing to multiple devices or inputs • Operates with 1310nm and/or 1550nm bands • Can be used with Neutrik NZPFD-2

### 1x2 Splitter Cables

**CMX-SM1X2LC-001** • 1 Foot • **\$235.95**

**CMX-SM1X2LC-002** • 2 Foot • **\$235.95**

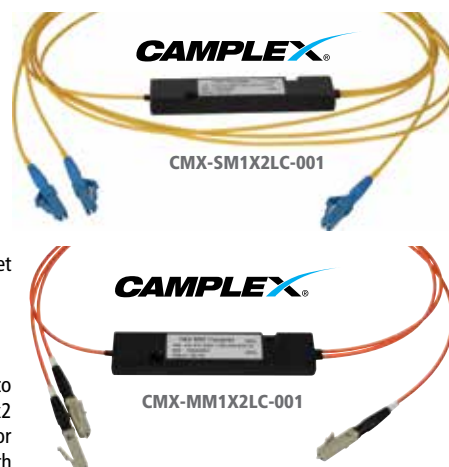
**CMX-SM1X2LC-003** • 3 Foot • **\$235.95**

**CMX-SM1X2LC-006** • 6 Foot • **\$235.95**

## CAMPLEX®

### Features:

- Male to Female Adapter Design Using Military TAC1 Ruggedized Cable & High Quality Senko Connectors
- Allows Quick Changes Between LC and SC Multimode Cables
- Save Time and Expense - Avoid by Keeping Your Existing Fiber Cables
- Polished to Industry Standards for GR-326 Core with Typical RL and IL (<0.5dB and -55dB)



**CMX-SM1X2LC-001**

**CMX-MM1X2LC-001**

### 1x3 Splitter Cables

**CMX-SM1X3LC-001** • 1 Foot • **\$291.95**

**CMX-SM1X3LC-002** • 2 Foot • **\$291.95**

**CMX-SM1X3LC-003** • 3 Foot • **\$291.95**





## CMX-TACNGO-12GTR 12G-SDI Video Extender Reel

### 12G-SDI Fiber Optic Converter/Extender & Tactical Cable Reel System - 1000 Foot

- Rugged Cable Reel for Fast and Easy Field Deployment
- 12G-SDI Fiber Converter/Extender • Interchangeable SFP-Based System • Single Mode LC Connections • LC to ST Adapter Cables Included • Supports SMPTE-292M, SMPTE-259M, SMPTE-292M, SMPTE 424M, SMPTE 2082-1, SMPTE 2082-2, DVB ASI

**Item Includes:** (2) SFP modules, (2) LC to ST adapters, (2) power supplies, 3M Dual Lock fasteners, and 1000 ft tactical fiber cable



**CMX-TACNGO-12GTR • Reg. \$1781.95 Your Price \$1691.95**

## Complex 3G SDI Extender & Tactical Cable Reel System

### Battery Powered for Field Use!

A complete cost effective 3G SDI to fiber optic extender and converter in a field deployable cable reel system. Convert and extend your SDI signals over 1000 feet of tactical fiber optical cable using the Complex Tac-N-Go SDI system. Convert any camera or 3G SDI source to a powerful long haul fiber transmission system. The 3G-SDI extender is either battery or AC powered making it perfect for mobile video, stadiums, sports venues, live event arenas and more. Long life Lithium 9V batteries are included.



**CMX-TACNGO-SDI • Reg. \$1699.95 Your Price \$1649.95**

## Complex CMX-3GSDI-TR Single Mode 3G/HD/SD SDI Over Fiber Extender Set



Extend the 3G-SDI signal from your cameras or production switcher over 6 miles of singlemode fiber with the Complex CMX-3GSDI-TR. Needing just 5-volts of power, it's the perfect compact tool for outside broadcast productions and live event video shoots. Add a Complex

**CAMPLEX**® ST fiber optic tactical cable and you're ready to shoot in any long distance environment! The CMX-3GSDI-TR fiber converter extends a 3G, SDI or SD signal at resolutions up to 1080p@60Hz.

**CMX-3GSDI-TR • Reg. \$649.95 Your Price \$599.95**

## Complex 12G SDI Over Singlemode Fiber Extender SFP-Based Transmission System

Harness the power of long-haul 12G-SDI transmission with the Complex CMX-12GSDI-TR fiber extender. This single-link system is engineered to deliver exceptional image resolution and embedded audio over singlemode fiber up to 6 miles.

- Extends 12G/6G/3G/HD/SD-SDI up to 6.2 miles over Singlemode Fiber
- SFP Based (small form-factor pluggable) fiber connector
- Embedded Audio • Rugged Metal Housing
- 1 Reclocking SDI Loop Out on TX • Immune to RP-198 Interference
- Input: TX - BNC (SDI)/ RX - SFP LC Simplex Singlemode (SDI)
- Output: TX - SFP LC Simplex Singlemode (SDI), BNC (SDI)/ RX - BNC (SDI)



**CMX-12GSDI-TR • Reg. \$599.95 Your Price \$549.95**

## Complex 4K/2K HDMI 2.0 Over Fiber 18Gbps HDCP 2.2 with RS-232 Extender



- Automatic EDID for Rapid Integration of Source and Display
- Low Latency
- Supports HDCP 2.2, HDCP 1.4
- RS232 Bi-Direction Pass Through

**CAMPLEX**®

- Locking Power Supplies • Black Powder-Coated Cabinet
- Includes Two Phoenix Plugs for RS-232 Cable Termination
- Certifications: FCC, CE • Compatible with MSA SFP+ SFP's
- Transmission Distance: SFP module Dependent up to: Single Mode 37 miles (60km), Multimode 984 feet (300m)

**CMX-FMCH001 • Reg. \$349.95 Your Price \$329.95**

## Complex CMX-3GSFP-TR Mini 1-Channel Uni-Directional 3G-SDI over Single Mode Fiber Extender

### Sends 3G-SDI Over One LC Single Mode Fiber up to 18.6 Miles!

If you're looking to extend 3G SDI over single mode fiber LC, nothing meets the standards demanded by broadcast video engineers better than the Complex CMX-3GSFP-TR. Its compact size and light form factor makes it perfect for OB truck camera links in sports and live productions especially when you need to cover the longest distances and maintain 1080p@60Hz quality video. Units are compatible with SMPTE 424M, 292M, 259M, 297M, 305M, 310M, M2S, DVB-ASI and DVB-SSI signal Standards. LED indicators are included on the products to help indicate fiber connection, power and SDI signal presence.



**CMX-3GSFP-TR • Reg. \$389.95 Your Price \$364.95**

## Complex 4K60 HDMI 2.0 Over Fiber Extender Set

- Extend HDMI 2.0 video signals from end-to-end with minimum latency in crystal clear 4K60 video with the Complex FMCH003. This HDMI extender set sends 4K60 RGB/4:4:4, HDR10, 3D and broadcast-friendly 4K60 10-bit 4:2:2 signals up to 30km over single mode or multimode fiber (SFP dependent).
- Point-To-Point Extension of Audio, Video, and Control Signals • Supports a Full Range of Formats Including 4K60 RGB/4:4:4, HDR10, 3D and Broadcast-Friendly 4K60 10-Bit 4:2:2
- Extension Up To 30km (SFP+ Module Dependent)
- Supports Single Mode or Multimode Fiber (SFP+ Module Dependent)



**CMX-FMCH003 • Reg. \$723.95 Your Price \$659.95**

## Complex CMX-HDMI-SM-TR 4K/30Hz HDMI Over SM/MM Fiber Extender

Looking for an Ultra HD (UHD) 4K HDMI Fiber Extender? Complex, the broadcast industry leader in fiber technology, introduces the CMX-HDMI-SM-TR HDMI over fiber extender kit. The system transmits resolutions at 4K/30Hz (Y:U:V 4:4:4) up to 984ft/300 meters on a single mode or OM3 multimode LC fiber cable. This simple plug-and-play solution is perfect for extending cameras on location productions or connecting projection systems at live event venues. Both transmitter and receiver are super low profile at nearly the size of a standard HDMI cable end.



Because you're using fiber, your video signals are protected from RF hum and similar electromagnetic interference issues found in copper-based systems.

**CMX-HDMI-SM-TR • Reg. \$648.95 Your Price \$599.95**

## Simply45 ST-VFF5 Fiber Optic Cable Visual Fault Finder with 2.5mm Universal Adapter



Simply45 ST-VFF5 Visual Fault Finder is a visible laser light source used to check continuity, locate breaks, poor mechanical splices and damaged connectors in fiber optic cabling. This Visual Fault finder is used to verify continuity, test and find breaks in fiber links, locate pinched fiber strands in termination cabinets, or anywhere fiber optic cables are terminated and subject to mechanical damage.

- Assists in: The termination of "no polish" connectors by indicating proper cleave alignment in connectors such as the MTRJ

- Universal 2.5mm Interface: Connects directly to ST®, SC, and FC connectors
- Non-Roll Design: Essential for bench top use when terminating mechanical splices or internal-splice connectors
- Rugged, Metal Body: With protective Santoprene® over-sleeve

**\$45-ST-VFF5 • Reg. \$357.00 Your Price \$339.15**



## EasySplicer Pro Portable Automatic Fiber Fusion Splicer for Singlemode & Multimode with Built-in Oven

EasySplicer Pro is a 4 motor, X/Y core-positioning Fusion Splicer, designed for daily operation in fiber optic networks. It's small and handy, easy to bring along to any kind of work. The whole system can be operated in its carrying-case to prevent dirt and dust from reaching the sensitive parts in the Fusion Splicer. The design is made very rugged and even if splicing should take place under good conditions (indoors) the EasySplicer Pro is also intended to be used out in the field.

- Dual cameras X/Y • Operates with separate fiber holders compatible with all the types of fiber cables • For both singlemode and multimode fibers
- Splicing time of 6 seconds and oven time about 25 seconds • Loss estimation and pull test of performed splices
- Long life electrodes (4k splices) and high altitude splicing (5000m)
- Easy to use and carry • Perfect for the FTTH installer

**EASY-SPLICER-PRO • Your Price \$1659.00**

## Canare RED HFO Fiber Optic Cable Checker (SMPTE) with Storage Box/Leather Case/AA Batteries & CLETOP



- Check hybrid camera cables quick and efficiently with the Canare FCT-FCKIT RED HFO Camera Cable Checker (SMPTE). Identifies optic power and loss, electrical open-circuits and short-circuit simultaneously.

- Check hybrid camera cables quick and efficiently

- Identifies optic power and loss, electrical open-circuits and short circuit simultaneously
- Available in two common hybrid camera cable interfaces
- All in one kit including a storage box, leather case, AA batteries and CLETOP

Item Includes: 1x Canare FCT-FCKIT RED HFO Camera Cable Checker (SMPTE) | 1x Storage Box | 1x Leather Case | 1x AA Batteries | 1x CLETOP

**FCT-FCKIT-RED • Reg. \$2785.20 Your Price \$2335.00**

## Complex Visual Fault Locator for ST/SC/FC Fiber Connectors

**10mW Output Power 10km Max Distance**

- Tests fiber cables with ST, SC and FC connectors
- Compact Unit with Two Operating Modes
- Belt Holster with Velcro Closing & Dust Cap
- Rugged Black Aluminum
- LED Power Indicator



**CAMPLEX®**

**CMX-TL-1501 • Reg. \$59.95 Your Price \$54.95**

## Complex Visual Fault Locator for ST/SC/FC Fiber Connectors

**20mW Output Power 20km Max Distance**

Demystify finding signal loss and breaks in your fiber cables with the Camplex TL-1502 Visual Fault Locator. The TL-1502 has two modes of operation and locates breaks and bends up to 20KM (output power of 20mW). The two operating modes consist of CW, continuous wave, for a steady fault illumination, or GLINT, a modulated output.



**CAMPLEX®**

**CMX-TL-1502 • Reg. \$149.95 Your Price \$139.95**

## Complex CMX-OPTIEYE Shutter Restraint for Neutrik OpticalCON Cable End Connector Inspection & Cleaning

A brilliantly simple solution from Camplex for cleaning opticalCON connectors. The Camplex OPTI-EYE fits over the end of your connector and releases the shutter for easy-access cleaning. Pop it off and the shutter closes. It's that simple. No more fumbling with tips and no need to take the connector apart. A must for any broadcaster's fiber cleaning kit. Made of anodized aluminum and works with Neutrik OpticalCON DUO, OpticalCON QUAD, OpticalCON MTP, and OpticalCON SPLIT connectors.



**CAMPLEX®**

**CMX-OPTIEYE • Your Price \$47.95**

## Eclipse Visual Fault Locator & Light Source for Fiber

The Eclipse Fiber Optic Laser Testers are a light source used to locate breaks and misconnections in fiber optic cables. It is an ideal instrument to find the broken or bent patch cords, especially in fiber identification among ribbon or bunched optic fiber pigtails during the installation, in which identifying fiber from end to end may be troublesome or time-consuming.



**MT-7508 • 2.5mm connectors (for PC/FC/SC/ST) • Your Price \$113.59**

**MT-7509 • LC 1.25mm connectors • Your Price \$115.45**

## Tripp Lite T020-001-PSF Multi-Function Fiber Optic Tester with Power Meter Light Source and Visual Fault Locator

- All-in-One Unit Tests Fiber Optic Cables • Determines optical power loss
- Finds visual faults in cable with multiple frequency settings for continuous and flashing modes
- Light source supports 1310 and 1550 nm • Power meter supports 850, 1300, 1310, 1490, 1550 and 1625 nm
- FC connectors with optional SC, ST and LC adapters available • Powered by Included AA batteries

**TRIPP-LITE®**  
POWER PROTECTION



**TRL-T020-001-PSF • Reg. \$1053.79 Your Price \$385.71**





## Optical Wavelength Installer Quad Multimode/Singlemode Certification Fiber Test Kit - SC Connectors



- Standards-based link certification for multimode and singlemode fiber links
- Color LCD indicates PASS / FAIL status based on color
- Unlimited job configurations
- User-friendly Link Wizard with helpful color on-screen diagrams to help guide the setup process
- Auto-wavelength recognition and data storage reduces testing time and human error • Up to 10,000 test readings can be stored in memory
- Prints official certification reports via OWLView certification software
- Re-chargeable Lithium Polymer battery • NIST Traceable

Kit Includes: Power Meter: Fiber Owl 7 - SC Connectors | Light Source: Wavesource Quad | Accessories: Owl Reporter Software | Product Manuals | Download Cable | Nist Certificate | Carrying Case | Protective Rubber Boots

**OWL-IS-KIT-Q-SC • Your Price \$1805.00**

## Lightel Fiber Optic Connector Inspector

- A probe for inspecting both patch cord connectors and bulkhead adapters
- A large 3.5" fold-up LCD monitor
- AC or rechargeable battery operation for use in any location
- Available USB2.0 option
- Available IR filter option
- Ergonomic design • Fast, easy focus
- One hand operation
- Inspect patchcords (male) and in-adaptor connectors (female)
- Foldable monitor set with adjustable viewing angle
- Portable set with a charger and rechargeable batteries
- Change tips in seconds
- Comprehensive line of tips for both PC and APC type connectors, including extended tips in three lengths, 60Y and 90Y angled tips for applications with tight access, and tips for ribbon connectors
- Uses our Series 2 inspection tips, and can also use all our CI-1000 tips with an optional adapter.
- USB option • "Hot" fiber viewing option • CE approved, RoHS compliant



**LIGHTEL**

**LTL-CI-1100-A2 • Your Price \$1095.00**

## Lightel Digital Inspector Fiber Optic Inspector & Test Scope

The DI-1000 inspects fiber optic connector endfaces, providing clear sharp digital images on your Windows PC. It can be used with XP, Vista, and Windows 7 on either 32-bit or 64-bit computers. No batteries or power cables are necessary. Uses LIGHTEL's Series 2 Tips and come with a soft case designed to fit easily into a standard laptop case.

- Fast, easy focus • One hand operation
- Inspect patchcords (male) and in-adaptor connectors (female)
- Direct USB2.0 connection to PC
- Powered by USB connection • Built-in freeze/capture button
- Slim ergonomic design • Rapid tip change • Comprehensive line of tips
- Free image capture and software included • Digital zoom

**LTL-DI-1000-B2 • Your Price \$890.00**



**LIGHTEL**

## EasySplicer OTDR Optical Time Domain Reflectometer Fiber Optic Test Tool



EasySplicer OTDR is designed with the basic fiber network installer in mind. It is very easy to use with an auto function which can be started over and over again. This function generates a signal sweep in the fiber cable measuring loss and detecting connected devices and faults (like bends and cracks). The result is displayed on the 4.3" multicolor touch display. All measured values are stored internally or on MicroSD cards.

- Professional instrument for measuring loss and finding faults in fiber networks
- Optical Time-Domain Reflectometer
- Measure distance from 0 to 60km, in resolution of 1m
- Measure dB loss with a resolution of 0.01 dB

**EasySplicer**

- Auto mode for super easy operation (and Expert Mode for Experts)
- 4.3 inch, multicolor LED touchscreen
- Comes in sturdy carrying-case with launch cable and 4x adapter cables
- VFL, OPM and OLS, two wavelengths - 1310nm and 1550nm
- RJ45 cable tracker and distance readout (up to 300m)

**EASY-SPLICER-OTD • Your Price \$1059.00**

## EasySplicer MK2 Portable Automatic Fiber Fusion Splicer

- Fusion splicing made easy and affordable with the EasySplicer mk2
- For both Singlemode and Multimode fibers
- Splicing time of less than 7 seconds
- Low Loss estimation • Pull test of performed splices
- Built in oven • Easy to use and to carry along
- Perfect for the FTTH installer



**EasySplicer**

The EasySplicer mk2 is a precision, Swedish made Fusion Splicer, created for onsite fiber optic installations. It's designed to be portable, rugged and allows you to solve fiber issues in the field. EasySplicer mk2 differs a bit from other Fusion Splicers, it's specifically made for the on the job installer and end-user. Many of the Splicers on the market are difficult to use and require a lot of education before they can be easily operated. EasySplicer mk2 is easy to learn, in most cases you're up and running within an hour.

**EASY-SPLICER • Your Price \$1265.00**

## Corning UniCam Premium Fiber Optic Tool Kit

The main offering in installation kits is the UniCam High-Performance Tool Kit (TKT-UNICAM-PFC). This is a carefully designed tool kit that virtually eliminates human variability from the installation process. The TKT-UNICAM-PFC includes a lightweight, handheld installation tool with an immediate go/no-go feedback signal to provide unmistakable confirmation of a successful termination. The kit's high-performance cleaver has an integrated fiber scrap bin and a dual clamp precision hold for the field fiber, with a diamond blade to achieve a superior cleave. It can be used with multimode or single-mode LC, SC, ST Compatible UniCam Connectors (standard- and high-performance) and is required to achieve high-performance specifications for UniCam High-Performance Single-Mode Connectors.



**COR-TKTUNICAMPFC • Reg. \$2495.00 Your Price \$2495.00**



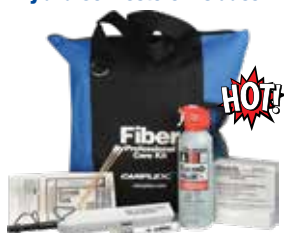
**Complex Fiber Optic Connector Cleaning Kits**

Dirt, dust, oils and similar contaminants on a fiber optic cable end-face can spell the end of your video and audio signals and put your audience in the dark. Regular inspection and cleaning is the simple fiber maintenance to keep your signals flowing free and clear and the Complex FIBERCLEAN is the easy way to do it.

**FIBERCLEAN-1 for LEMO Type SMPTE 304/311M Hybrid Connectors includes:**

- (1) Electro Wash PX Non-Residue Fiber Optic Cleaner
- (1) 100 Pack 4x4 Lint-Free Precision Wipes
- (1) LEMO SMPTE Hybrid Alignment Tool
- (1) One-Click Cleaner for 2.0mm Ferrules
- (1) SMPTE Hybrid Connector Cleaning Instructions

**FIBERCLEAN-1 • Your Price \$159.95**

**FIBERCLEAN-1-INT for LEMO Type SMPTE 304/311M Hybrid Connectors - International Edition includes:**

- (1) 100 Pack 4x4 Lint-Free Precision Wipes
- (1) LEMO SMPTE Hybrid Alignment Tool
- (1) One-Click Cleaner for 2.0mm Ferrules
- (1) SMPTE Hybrid Connector Cleaning Instructions

**FIBERCLEAN-1-INT • Your Price \$144.95**

**FIBERCLEAN-2 for OpticalCON and LC Fiber Optic Connectors includes:**

- (1) Sticklers CleanStixx Swabs for 1.25mm LC & MCU Fiber - 50-Pack
- (1) Sticklers Nonflammable Fiber Optic Splice/Connector Cleaner 3 Oz Spray
- (1) Complex One-Click Cleaner for 2.0mm Ferrules
- (1) Chemtronics Lint Free Wipes - 50 Pack
- (1) Deluxe Nylon Zippered Tote
- (1) Complex Optieye- opticalCON shutter release tool

**FIBERCLEAN-2 • Your Price \$149.95**



**CAMPLEX®**

**Complex Fiber Optic Cleaning Kit**

Say goodbye to dirt, dust and oils that have gathered on your fiber optic cable end-face with the Complex TL-1601 fiber cleaning kit. Hidden contaminants can spell the end of your video and audio signals and put your audience in the dark. Regular inspection and cleaning is the simple fiber maintenance to keep your signals flowing free and clear and the Complex TL-1601 is the easy way to do it.

Carrying Case Contains:

- 1 One Click Cleaner, 2.5mm • 1 One Click Cleaner, 1.25mm
- 1 Cassette Cleaner, Cleans up to 500 Connectors per Cartridge
- 1 Replacement Cartridge • 1 Take up Spool
- 1 Automatic Fluid Dispenser, 125ml • Cleaning Wipes



**CAMPLEX®**

- 1 Inspection Scope, 1.25/2.5mm Coaxial LED
- 1 1.25mm Scope Cap • 3 AAA Batteries

**CMX-TL-1601 • Reg. \$369.95 Your Price \$349.95**

**Complex One-Click Cleaners**

Fiber cables are vulnerable to dirt and contaminants which can make your fiber go completely dark.

Simple maintenance can give you the assurance that your signal is always live using the Complex One-Click Cleaners.

**CAMPLEX®**



- Cleans Fiber Optic End Faces Up to 800 Cleanings • Alcohol Free, Antistatic Resin
- Reaches Recessed Connectors • Rotates 180 Degrees for Optimal Cleaning

**CMX-TL-1404 • For SMPTE 304M Connectors & 2.0mm Ferrules... Your Price \$77.95**

**CMX-TL-1402 • For 2.5mm SC/ST APC/UPC Connectors..... Your Price \$57.95**

**CMX-TL-1401 • For 1.25mm LC UPC/APC Connectors ..... Your Price \$57.95**

**Complex One-Click Cleaner for MPO Fiber Optic Connectors**

Fiber cables are vulnerable to dirt and contaminants which can make your fiber signal go completely dark. Simple maintenance can give you the assurance that your signal is always live.

**CAMPLEX®**



- Cleans Fiber Optic End Faces Up to between 600 and 800 Cleanings
- Alcohol Free, Antistatic Resin • Reaches Recessed Connectors
- Rotates 180 Degrees for Optimal Cleaning

**CMX-TL-1403 • FMTP/MPO Connector Cleaning • Your Price \$57.95**

**Complex Cassette Dry Tape Cleaner for Fiber Optic Connectors**

A fiber cleaning cassette from Complex is a cost effective means to keeping your fiber free from dust, dirt and other contaminants to prevent your signal from going dark. The Complex TL-1101 cassette is a dry tape providing an easy way to clean the fiber endface of ST, SC, FC, MPO and LC connectors and cables. Its microfiber cleaning fabric keeps your fiber free from scratches.



**CAMPLEX®**

- Cleans Fiber Optic End Faces • For Connectors: SC, ST, FC, MU, LC, MPO, MTRJ without pins
- Dry, Antistatic Fiber Tape • Lightweight, Durable White Plastic Enclosure
- Service Life: up to 500 Cleanings per Cassette

**CMX-TL-1101 • Reg. \$49.95 Your Price \$44.95**

**IBC One-Click Fiber Cleaners**

Mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors. Tools use a novel dry cleaning strand to gently sweep and lift away dust and residues from the connector end face. RoHS compliant.

- Simple pushing motion to engage tool • Audible CLICK to alert the operator when tools is fully engaged
- Over 525+ engagements per unit • Dry cleaning strand eliminates the need for solvents to be effective
- Crush resistant to over 250N • Impact resistant to survive drops over 1.5M
- Cleans plug and socket terminals

**IBC-M20 • SMPTE Hybrid 304M & 358M Connectors ..... Your Price \$94.00**

**IBC-SC • SC/ST/FC & E2000 Connectors with PC & APC Polish..... Your Price \$74.00**

**IBC-LC • LC Connectors with PC & APC Polish..... Your Price \$74.00**



## Fiber Electro-Wash PX

Safe on plastics • Xtra cleaning strength  
• Ozone safe • Dries fast • Leaves no residue • Removes organic and ionic soils • Liquid may be used in cold dip and rinsing applications • Removes oils and hydraulic fluids from mechanical assemblies • Cleans handling soils from circuitry before reassembly • Removes grease from assembly lines • Cleans fiber optic connectors • Flammable • Use with QBE or Coventry wipes 5.0 oz. Aerosol

ES810 • Your Price \$15.74



## Chemtronics ES7100 Electro-Wash CZ Fiber Cleaner

*The First Non-Ozone Depleting, Nonflammable Fiber Optic Cleaner Safe!*

A high performance, CROZANE-based ultra-safe "drop-in" replacement to all CFC & HCFC chemistries without any ozone depleting compounds. • Safe on plastics • Still the best CFC-113 and HCFC replacement • Dries fast • Leaves no residue • Removes handling soils from live circuits • Cleans oil and residue from sensitive surfaces

ES7100 • Your Price \$77.20



## Chemtronics 6704F Coventry Econowipes Lint Free Precision Wipes

Coventry Econowipes are made from a hydro-entangled, 45/55 cellulose/polyester blend, for optimum purity in a nonwoven wipe. These wipes have excellent absorbency, and contamination entrapment, as well as high strength. Econowipes are ideal as an economical utility wipe for any clean area. Polyester/cellulose blend, non woven wipes.

CHM-6704F • Your Price \$5.05



## QbE Fiber Optic Cleaning Wipes 200 Wipe Box

Complete fiber optic cleaning system - no refills to buy or investment in expensive mechanisms to maintain • Effective "Wet" or "Dry" connector cleaning - the only cleaning system that gives both options: For "Wet" cleaning use Electro-Wash MX presaturated wipe first • Provides the ideal Cleaning Surface - The QbE cleaning plate is perfect for outside plant or OEM applications • Convenient size - portable cleaning system easily fits in tool cases or stores on work benches • Heavy Duty Lint-Free wiping material - Tough enough to remove buffer gel; soft enough for all end-face cleaning • Won't shed or tear

QBE • Your Price \$61.35



## Senko Fiber Optic Connector Smart Cleaner Cassette

Designed for all types of connectors • Compact size for easy hand-held operations • Dry-clean without the use of harmful substances • Cleaning micro fibers are densely stranded and debris free • Constructed with anti-static material • 400+ cleanings per unit

SENK-SCK-CC-100 • Your Price \$53.95



## Senko Smart Cleaner for CS / LC and Internal Shutter LC Connectors

Designed to specially work well with CS, LC/UPC, LC/APC connectors in adapter & on cable assemblies, this instrument cleans the ferrule end faces removing dust, oil, and other debris without nicking or scratching the end face. Compact size for easy hand-held operations • Dry-clean without the use of harmful substances • Cleaning micro fibers are densely stranded and debris free • Replaceable cartridge • Constructed with anti-static material. • 750 cleanings per unit & Refillables • Cleans CS, LC/UPC, LC/APC connectors in adapter & on cable assemblies • REACH & RoHS (2011/65/EU and 2015/863) compliant

SENK-SCK-SS-CS • Your Price \$54.10

## Senko Smart Cleaner Mini - 2.00mm (Disposable)

The Senko SCK-SS-M-200A Smart Cleaner Mini is designed to specially work well with jack & plug of SMPTE 304M, MIL PRF 28876 using MIL PRF 29504/14 (pin terminus) & MIL PRF 29504/15 (socket terminus) connectors. This instrument cleans the ferrule end faces removing dust, oil, and other debris without scratching the end face. 400 cleanings per unit. Cleans jack & plug of SMPTE 304M, MIL PRF 28876 using MIL PRF 29504/14 (pin terminus) & MIL PRF 29504/15 (socket terminus).

SENK-SCKSSM-200A • Your Price \$52.40



## Sticklers P25 CleanStixx Swabs 2.5mm Fiber Recessed Nib Exposed 50-Pack

There Are Five Sizes of CleanStixx Swabs, So You Can Clean Any and All Types of Connectors • CleanStixx Swabs Rotate Off-center, For the Best Possible Cleaning of the End-Face • CleanStixx Swabs Conform to Every End-face, Including Tough-to-Clean APC Configurations • Only CleanStixx Swabs Clean the Entire End-Face, Not Just Contact Area • The Molded Tip Out-Cleans Foam or Cloth Swabs; Are Less Likely to Leave Lint or Fibers • Only Sticklers CleanStixx Swabs Can Clean Any Connector, Any Configuration, Any Size, Every Time

STICK-P25 • Reg. \$43.21 Your Price \$36.48

## Sticklers S25 CleanStixx Swabs for SC/ST Fiber Connector 2.5mm Ferrules 50-Pack

Cleaning stick for 2.5mm ferrules (SC, FC, ST, etc.) • 50 stixx per box, 6 boxes per case, 300 stixx per case • Priced per-box • There Are Five Sizes of CleanStixx Swabs, So You Can Clean Any and All Types of Connectors • CleanStixx Swabs Rotate Off-center, For the Best Possible Cleaning of the End-Face • CleanStixx Swabs Conform to Every End-face, Including Tough-to-Clean APC Configurations • Only CleanStixx Swabs Clean the Entire End-Face, Not Just Contact Area

STICK-S25 • Reg. \$41.40 Your Price \$36.41



## Sticklers POC03M Nonflammable 3 Oz Cleaner

A Nonflammable, Nonhazardous Replacement for IPA Alcohol • Engineered for fast, reliable and consistent "wet-dry" cleaning • Fast Drying the Liquid Evaporates, Can't Be Trapped Inside the Connector • Dissipates Static to Make It Easy to Remove Particulate • Leaves End-Face Electrically Neutral So As to Avoid Attracting Particulates • Safe on Plastic, Optical Fiber, Metals, Glass and Coatings • More than 400+ Cleaning In Each Pocket-Sized Canister

STICK-POC03M • Your Price \$18.75



## Lemo F2 Contact Cleaning Kit for Lemo 3K Connectors

Fiber optic cleaning kit of 2 cotton buds, 1 dry and 1 being soaked in IPA (Isopropyl Alcohol) used for cleaning the fiber optic contacts.

WSTK112534 • Your Price \$4.95



## Lemo SMPTE 3K Connectors F2 Contact Alignment Tool

The Lemo DCS.F2.035. PN is a simple tool with two threaded end for installation/extraction of the F2 contact alignment device. Used for cleaning the fiber optic contacts.

DCSF2035PN • Your Price \$36.63



**Dataprobe iBoot-IO GPIO Single-Outlet Contact Closure Remote Power Control**

Leverage your existing GPIO contact closures or logic levels into AC power control with Dataprobe iBoot-IO. The Dataprobe iBoot-IO (default power on) is a remote controlled power On / Off switch. One external control input is used to switch the power ON and OFF. The iBoot-IO also provides a feedback circuit to verify the current power status. iBoot-IO handles worldwide power from 105-240VAC. It is capable of switching up to 12 Amps at 120VAC and 10 Amps at 220 VAC. Screw terminals provide connection to the contact closure control and feedback circuit. Power connections are made using supplied IEC-320 to NEMA 1-15 cables.

**DTPB-IBOOT-IO • Your Price \$155.00**

**Dataprobe iBoot-G2S 2 Port 10/100 Network Power Switch - Web Power Switch**

The Dataprobe iBoot-G2S has a built-in 10/100 network switch that makes installation in those hard to reach locations a breeze. No need for a separate cable run or router port to get the cost savings of remote reboot. Perfect for kiosks, media players or wherever a dedicated router port is hard to come by. iBoot-G2S will save you time and money by reducing costly downtime. Just point your browser to the iBoot, login and you are one click away from bringing that failed system back to life. iBoot will even detect failed systems and take immediate action.

**DTPB-IBOOT-G2S • Your Price \$279.00**

**Dataprobe GPIO Single-Outlet Contact Closure Remote Power Control - Default Power Off**

The Dataprobe iBoot-IO-OFF (default power off) is a remote controlled power On / Off switch. One external control input is used to switch the power ON and OFF. The iBoot-IO also provides a feedback circuit to verify the current power status. iBoot-IO handles worldwide power from 105-240VAC. It is capable of switching up to 12 Amps at 120VAC and 10 Amps at 220 VAC. Screw terminals provide connection to the contact closure control and feedback circuit. Power connections are made using supplied IEC-320 to NEMA 1-15 cables.

**DTPB-IBOOT-IOFF • Your Price \$155.00**

**Dataprobe iPIO Series Network I/O Controllers**

- Web Controlled Relays: One click relay control from clear web browser interface. Set name, qualifying time and color scheme for each relay.
- Real Time Status Monitoring: Continuous updates of input status. No need for browser refresh. Set name and color scheme for each relay
- GPIO Transportation Over the Network: Send contact closure information across the network to one or multiple places. Get the information you need, where you need it.
- Contact Closure via IP: Manage with SNMP or create your own custom programming to operate relays over the network.
- Link Supervision with Alarm: Continuously monitors data link between each device and alerts you when the network fails.

**DTPB-IPIO-8 • 8-Port • Reg. \$465.00 Your Price \$439.00**

**DTPB-IPIO-16 • 16-Port • Reg. \$655.00 Your Price \$625.00**

**SurgeX UPS-2000-OL 2RU Online Double Conversion Standalone UPS Battery Backup**

SurgeX offers a complete UPS product line to meet your battery backup needs. Available in multiple configurations, our standalone

UPS solutions provide backup power to keep equipment running and properly shut down critical systems in the event of a power outage. For critical systems that require online battery backup, the UPS-1000-OL, UPS-2000-OL, and UPS-3000-OL solutions each deliver network grade power through double-conversion technology. They offer the perfect standalone backup solution for sensitive audio video systems, critical business servers, point of sale equipment, telephone, and data networks equipment that demand prolonged runtimes of 1.5 hours or greater. Transformer-block spaced outlets

**SX-UPS-2000-OL • Your Price \$3199.00**

**APC Short Depth 500VA Smart-UPS Lithium Ion with Network Management Card**

- 500VA/400W line interactive pure sine wave 1U rackmount UPS
- Ideal for small edge environment, back office, network infrastructure and IDF/MDF closets
- Lithium-ion battery minimizes the need to replace battery during the life time of UPS
- Short depth UPS provides extra space for cable management
- Preinstalled Network Management Card for network-based UPS monitoring & management
- 4x NEMA 5-15R outlets

**APC-SCL500RM1UNC • Reg. \$1445.00 Your Price \$1050.00**

**APC Smart UPS 1500VA 2RU with SmartConnect**

- proactive remote UPS cloud monitoring that is accessible from any internet connected device
- Instant backup battery power during an outage
- Protects electronic equipment from harmful power conditions
- Six power and surge protected outlets
- Green mode reduces power consumption and increases energy efficiency
- Intelligent battery management and temperature compensated charging
- LCD interface with intuitive navigation • Pure sine wave output on battery

**APC-SMC1500-2UC • Reg. \$1165.00 Your Price \$849.00**

**APC BN450M Back-UPS NS 6 Outlet 450VA 120V Retail**

- Stay available and connected by powering critical devices (computers, wireless networking devices, gaming consoles, security systems and other electronics) during a blackout
- Over 3 hours of runtime • ENERGY STAR certified
- 6 total outlets - 4 battery backup, and 2 surge only outlets
- Smaller and lighter than previous models
- Guaranteed protection from surges and spikes caused by storms, lightning, circuit overloads, power cycling, etc.
- Lifetime \$75,000 equipment protection policy for all connected electronics

**APC-BN450M • Your Price \$55.99**





## Tripp Lite SmartPro Digital UPS



Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home



entertainment systems and media centers. Internal UPS circuits support entry-level PCs or individual VCR/DVR components during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming.

**SMART1200LCD • 1200V • Reg. \$552.24 Your Price \$342.55**

**SMART1500LCD • 1500V • Reg. \$533.52 Your Price \$339.00**

## Tripp Lite SmartPro SMART500RT1U 500VA 7 outlets with 1 switchable load bank- 1RU



- Tripp Lite SMART500RT1U.5 kVA / 500VA / 300 watt line interactive UPS
- 1U rack / tower compatible form factor
- NEMA 5-15P input connection; 7 NEMA 5-15R output receptacles
- Installed depth of only 11.8"



Large internal batteries offer run times of 14.6 minutes at half load (250VA/150 watts) and 3.2 minutes at full load (500VA/300 watts) • Intelligent battery management system extends battery life • Maintains regulated 120V nominal output during brownouts as low as 90V • Includes 6 UPS-supported outlets and 1 surge-only outlet • One of the UPS supported outlets is switched for remote load shedding or rebooting of an individual device • PowerAlert UPS monitoring software enables detailed site power and UPS status updates

**SMART500RT1U • Reg. \$404.36 Your Price \$298.31**

## Tripp Lite SMART1500LCDXL Line-Interactive UPS System



- SMART1500LCDXL Line Interactive UPS offers network-grade voltage regulation, surge suppression and long lasting battery support



- Space-saving angled NEMA 5-15P input plug; 6ft / 1.8m line cord • 8 battery-supported NEMA 5-15R outlets
- Maintains operation of connected equipment during power failures and voltage fluctuations
- Runtime is expandable with one additional BP24V15RT2U external battery pack
- LCD display reports numeric and icon-based UPS status and site power data
- Select and scroll buttons enable access to UPS control, operating and LCD display settings
- Numeric display reports Input Voltage, Output Voltage, Battery Charge Percentage, Output Load Percentage, Output Load Wattage and Estimated Minutes Runtime data

**TRL-ST1500LCDXL • Reg. \$673.92 Your Price \$415.95**

## Juice Goose SL-350 Slim Line Lightweight UPS Battery Backup - Li-Ion



The Juice Goose SL-350 is a battery backup device (UPS) that features advanced lithium ion (LiFe) battery technology to achieve a light weight and thin profile design. Measuring only 6.9" x 8.5" x 1.25", this UPS is well suited for installation in small spaces previously impractical for an ordinary UPS. This UPS has a power rating of 200 watts (350 VA).

**JG-SL-350 • Your Price \$469.00**

## Tripp Lite Smart1500RM2U Rack Mount UPS System 8 Outlet 2 RU

The Tripp Lite SMART1500RM2U SmartPro 120V 1.5kVA 1.35kW Line-Interactive Sine Wave UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data.



- Provides fully regulated sine wave AC output for servers, network storage devices and telecom hardware.
- Audible alarm signals loss of utility power, overload, low battery and fault conditions.
- 8 NEMA 5-15R outlets with 10 ft. power cord with 120V NEMA 5-15P input
- 0.9 power factor rating and 570-joule surge suppression rating.
- Supports half load up to 13 min. and full load up to 4.5 min.
- Internal batteries designed for hot-swap field replacement.
- 95% line-power efficiency rating saves money in energy costs.

**SMART1500RM2U • Reg. \$1304.78 Your Price \$779.10**

## Tripp Lite SMART500RT1UTAA TAA-Compliant SmartPro 120V 500VA 300W Line-Interactive UPS

Tripp Lite's SMART500RT1UTAA intelligent, line-interactive rack/tower uninterruptible power supply prevents data loss, downtime and equipment damage due to power outages, voltage fluctuations and transient surges. Requires only one rack space (1U) in a 2 or 4 post rack, with included accessories for upright tower placement.



- Federal Trade Agreements Act / TAA compliant
- 500VA line-interactive 1U rack/tower UPS
- 120V nominal output during brownouts as low as 90V
- Front panel status LEDs; 1 switched output load bank
- NEMA 5-15P input; 7 NEMA 5-15R outlets

**TRL-SMART500RT1U • Reg. \$428.40 Your Price \$279.00**

## Middle Atlantic NEXSYS Series Line Interactive UPS Systems

- 8 outlets: Bank Controlled option with (2) 4 outlet banks



- Individually Controlled options for all 8 outlets via RackLink



- All NEXSYS UPSs have a Pure Sine Wave output and AVR (automatic voltage regulation) providing the cleanest power to your connected equipment, especially the most sensitive equipment
- Everything is assembled and connected right from the factory saving you time during your installations
- Rack ears are pre-installed with the "4-Post" mounting brackets ready to be rack mounted even if you have a 3rd pair of rackrail
- The NEXSYS Power Management Software on your PC allows you to customize and configure various settings and notifications
- The NEXSYS UPSs are RackLink compatible for remote monitoring and management and some are compatible right out of the box! Look for RLNK in the part number. Use the RackLink Discovery Tool on your PC, Apple or Android devices and connect directly to the UPS

**MAP-UPX-1000R-2 • 1000VA Local Bank Control • Your Price \$1890.00**

**UPX-RLNK-2000R-2 • 2000VA RLNK Bank Control • Your Price \$2790.00**

## SURGEX SQUID



### SurgeX AC/DC MultiStage Surge Suppression 4 IE - DC 1 & 2 8A@12V All-in-One Power Management Solution!

The SurgeX SQUID is the only product that provides AC/DC power protection, boxed network control, and analytical software in one chassis. You'll no longer have to install a product for AC, another for DC, and yet another to monitor and control the power environment. It is the perfect solution for collaborative flex environments, huddle spaces, and other tight-spaced AV settings.

- Universal 120V-240V AC input with IEC connectors
- 4 controlled and monitored AC receptacles
- 3 DC banks, 2 controllable
- Measures electrical parameters, including Voltage, Current, Power, Frequency, Power Factor, Crest Factor
- Time stamped power quality events
- Wired Ethernet for Web server (HTTP/HTTPS), 802.1x authentication
- TLS, SSL, SNMP V3, single sign-on
- 2, 5V USB ports for charging
- Compact size fits along, behind, or near equipment



**SX-DC-8-12-120** • DC1 & DC2: 5A@12V • **Your Price \$949.00**

**SX-DC-8-24-120** • DC1 & DC2: 2.5A@24V • **Your Price \$949.00**

**SX-DC-8-1224-120** • DC1: 2.5A@24V | DC2: 5A@12V • **Your Price \$1049.00**

### SurgeX SX1120RT Surge Eliminator & Power Conditioner 20As at 120 Volts



## SURGEX

- Magnetic shielding steel enclosure • 9' grounded 3-wire #12 line cord
- 8 grounded AC outlets on rear panel (6 switched, 2 always on) • Front panel courtesy receptacle • Advanced Series Mode surge protection
- Advanced Impedance Tolerant EMI/RFI filtering • SurgeX ICE inrush current elimination technology • COUVS catastrophic over/under-voltage shutdown
- Remote turn-on • Thermal circuit breaker overload protection • Self-test circuit with visual indicator • 10-year warranty • Made in U.S.A.

**SX-1120RT** • **Your Price \$1179.00**

### Tripp Lite PDU12IEC Single-Phase Basic PDU



Single-Phase Basic PDU, 16A 100-240V, 1U Horizontal Rackmount, 12 C13 and 2 C19 outlets, C20 inlet. Tripp Lite Basic Power Distribution Units / PDU systems offer reliable rackmount power distribution. Supplies equipment with continuous power from any protected UPS, generator or mains input power source. High quality design includes rugged all-metal housing and secure rackmount installation with included mounting accessories.



**TRL-PDU12IEC** • Reg. \$329.48 **Your Price \$229.53**

### Radial Engineering POWER-1 19 Inch Rack Mount Power Conditioner/Surge Suppressor - 11 Outlets

The Radial Engineering Power-1 is clean power filtering unit in a rugged rackmount enclosure, providing anyone with valuable electronic gear and audio equipment with superior filtering against interference along with peace-of-mind surge protection.



- Made in USA 'MOV' (Metal-Oxide Varistor) • High rejection RF interference filter
- Front panel USB charging port • Multiple front and rear outlets with wall-wart spacing
- Built 'Radial tough' to handle years of touring use
- Load Rating: 15 Amps • Max Continuous Operating Voltage: 130V-rms

**RAD-POWER-1** • Reg. \$132.00 **Your Price \$109.99**

### Radial Engineering POWER-2 19 Inch Rack Mount Power Conditioner/Surge Suppressor - LED Lighting

The Power-2 features Radial Engineering's superior interference filtering and peace-of-mind surge protection, along with an innovative slide-out tray with multicolor LED illumination that allows you to see the rest of your equipment rack with ease in any poorly-lit environment.



- Load Rating: 15 Amps • Max Continuous Operating Voltage: 130V-rms • Energy Dissipation: 210 Joules • Peak Impulse Current: 20,000 Amps
- Noise Attenuation: Differential-mode = 19 dB at 100 kHz, 41 dB at 1 MHz, and 42 dB at 10 MHz • Common-mode = 10 dB at 100 kHz, 41 dB at 1 MHz, and 50 dB at 10 MHz

**RAD-POWER-2** • Reg. \$240.00 **Your Price \$199.99**

### APC AP4450A NetShelter Rack Automatic Transfer Switch

The APC NetShelter Rack Automatic Transfer Switch delivers greater control of your IT equipment from



Cloud to Edge. With Industry leading reliability, agility, and manageability the APC NetShelter Rack ATS provides redundant power to single-corded equipment loads in the IT rack. The Rack ATS has been upgraded with the Network Management Card 3 (NMC3) and various other technical advancements for network port sharing, environmental monitoring, and enhanced security. The Rack ATS offers industry-leading transfer time and improved outlet connections to ensure seamless power switching without interrupting the critical loads. Users can access and configure Rack ATS through secure Web UI, SNMP, CLI and are fully compatible with EcoStruxure IT.

**APC-AP4450A** • Reg. \$1605.00 **Your Price \$1250.00**

### Dataprobe iBoot-PDU 8 Outlet Series

When you need to reduce costly site visits, ensure business continuity



and increase network reliability, iBoot-PDU series gives you peace of mind. The web browser interface provides the easiest means of managing multiple outlets. One master unit can be connected to 15 expansion units, managing 128 outlets from a single web page interface. The web page presents a clear status indication of each outlet, current draw across all inputs and the AutoPing monitoring, if implemented. Each outlet can be individually selected, or multiple outlets can be simultaneously operated. User selectable cycle timer allows single command reboot. Delay timer limits inrush current by staggering power up when multiple devices are simultaneously controlled.

**DTPB-IBOOTPDU8A** • 8 Outlet Dual 15Amp • Reg. \$590.00 **Your Price \$559.00**

**DTPB-IB-PDU8AN15** • 8 Outlet 15-Amp • Reg. \$565.00 **Your Price \$539.00**





## **Furman M-8X2 15A Rackmount Power Conditioner with Rear Switched Outlets**



**FURMAN**

radio frequency and electromagnetic interference (RFI/EMI).

- AC noise filtering to reduce
- Spike & surge protection ensures equipment stays safe and your power stays clean.
- "Protection OK" indicator. • 8 rear panel outlets and 1 front panel convenience outlet. • 15 amp rating, with circuit breaker. • Three year warranty.
- Maximum Output Current: 15 amps • Line Cord: 6 ft., captive, 14 AWG, with 3-conductor Edison plug • Operating Voltage: 120VAC 60Hz
- Spike Protection Mode: Line to neutral • Energy Dissipation: 170 joules • Peak Impulse Current: 12,000 amps
- Maximum Continuous Operating Voltage: 130 VAC RMS • Let Through Voltage (@ 125 amps, 8/20uS waveform) 400 volts

**M-8X2 • Reg. \$134.95 Your Price \$99.00**



## **Furman M-8Lx 15A 8 Outlet Rackmount Power Conditioner with Dual Slide Out Lights**



**FURMAN**

Noise Filtration: AC noise filtering to reduce radio frequency and electromagnetic interference (RFI/EMI)

- Surge Protection: Spike & surge protection ensures equipment stays safe and your power stays clean • 9 Total Outlets: 8 rear panel outlets and 1 front panel outlet
- 15 Amp Rating: 15 amp rating, with circuit breaker • "Protection OK" Indicator: Front panel indicator LED lets you know that your equipment is being protected
- Wall Wart Spacing Indicator: Rear outlets have been spaced to accommodate even the bulkiest of wall warts and adapters • Front Panel Pull-out Lights: Two retractable LED light fixtures with dimmer control for convenient rack illumination

**M-8LX • Reg. \$219.95 Your Price \$199.95**



## **Furman M-8Dx 15A Power Conditioner Digital Meter**



**FURMAN**

Noise Filtration: AC noise filtering to reduce radio frequency and electromagnetic interference (RFI/EMI) • Surge Protection: Spike & surge protection ensures equipment stays safe and your power stays clean • 9 Total Outlets: 8 rear panel outlets and 1 front panel convenience outlet • Digital Voltmeter: Digital voltmeter display incoming line voltage • 15 Amp Rating: 15 amp rating, with circuit breaker

**M-8DX • Reg. \$269.95 Your Price \$239.95**

## **Furman PL-8C Power Conditioner - 15 Amp**



**FURMAN**

The Classic Series features Furman's revolutionary Series Multi-Stage Protection (SMP), Linear Filtering Technology (LiFT), and Extreme Voltage Shutdown (EVS). Together, these technologies comprise what is, without question, one of the world's most advanced and comprehensive transient voltage surge suppressors.

- Maximum Output Current: 15 amps • Line Cord: Captive 3/14 AWG, 10 ft. black cord with NEMA 15 plug • Pull-out Lights: Two multi-LED, dimmable lamps
- BNC Socket w/Switch: Rear rack lamp, 12VAC 500MA maxx (lamp not included)
- Operating Voltage: 90 to 139 VAC • Spike Protection Mode: Line to neutral, zero ground leakage • Spike Clamping Voltage: 188 VAC peak @ 3,000 Amps
- Response Time: 1 nanosecond • Maximum Surge Current: 6,500 Amps

**PL-8C • Reg. \$369.95 Your Price \$229.95**

## **Middle Atlantic PD-920R Rackmount Power Distribution Unit with Surge 20 ft Cord**



**Middle Atlantic Products**

The PD-920R rackmount power distribution unit is equipped with 8 circuit breaker protected rear outlets (NEMA 5-20R), and one front outlet (NEMA 5-15R). Standard equipment includes surge and spike protection that utilize a clean line to neutral that does not pass noise contamination to ground (PD-920R-NS does not have this protection), EMI filtering, and a 9' cord. A generous 9" depth offers easy access to the 20 amp rear panel outlets, which are solidly mounted on yokes to eliminate deflection.

**PD-920RC • Reg. \$430.00 Your Price \$387.00**

## **Juice Goose 3 Step 15A Sequenced Power Distribution Unit**



**JUICE GOOSE**

An economical power sequencer for single rack applications when local or remote control is required. Remote activation with a latching contact closure makes installation and operation simple and efficient. It has a 15A capacity with 7 AC power outputs on the rear. One output is unswitched. The remaining 6 outputs are grouped into 3 Power Pods of two outputs each. Each Power Pod is an individual sequence event. All outputs have Juice Goose quality surge and spike protection as well as line noise filtration.

**JG-SQ-1500 • Reg. \$289.00 Your Price \$259.00**

## **Juice Goose 3-Sequence 20 AMP Power Distribution System**



**JUICE GOOSE**

Agreat product for "front of house" applications. The CQ-1520 is a single space rack mount device featuring 7 AC power outputs on the rear of the chassis with a combined rating of 20 amps . One output is unswitched. The remaining 6 outputs are grouped into 3 Power Pods of two outputs each. Each Power Pod is an individual sequence event. All outputs have Juice Goose quality surge and spike protection and line noise filtration.

**JG-CQ1520 • Reg. \$592.00 Your Price \$533.00**

## **Furman PS-8REIII Power Cond/Sequencer 10A 240V SMP**



**FURMAN**

The PS-8RE III power conditioner / sequencer, features Furman's revolutionary SMP technology, LiFT, EVS and a high current TVZ-MOV. Furman's Series Multi-Stage Protection (SMP) circuit also features our exclusive Linear Filter Technology (LiFT) with Extreme Voltage Shutdown (EVS) and a high current TVZ-MOV. The world's most advanced and comprehensive transient voltage surge suppressor!

**PS-8REIII • Your Price \$339.00**

## **Furman PL-PRO C 20A Power Conditioner with Voltmeter**



**FURMAN**

Surge Protection: Furman's exclusive SMP technology provides the highest level of surge & spike protection available. • Noise Filtration: LiFT offers AC power filtering to ensure clean power for unequaled audio & video clarity. • Voltage Protection: Advanced EVS circuitry detects dangerous voltage irregularities and safely powers down itself and connected equipment in unsafe conditions. • Pull-out Lights: Dual smooth track retractable LED lights illuminate equipment in your rack.

**PL-PROC • Reg. \$684.95 Your Price \$574.95**



## Milspec 6 Outlet Power Strip with 6 Foot Cord - Black


**MILSPEC INDUSTRIES**

Milspec offers Power Strips and Surge Protectors for a variety of applications. Power strips extend and multiply available power, while surge strips add that extra protection by guarding plugged in equipment from electrical spikes and surges. Milspec D19003872 is a 6 outlet power strip with a 6 foot cord.

- AWG/Cond.: 14/3 • Wire Type: SJT • Certifications: UL, cUL, OSHA
- Electrical Ratings: 15A, 1875W, 125V

**MILSPE-D19003872 • Reg. \$10.82 Your Price \$9.95**

## Milspec 6 Outlet Power Strip with 6 Foot Cord - Black


**MILSPEC INDUSTRIES**

Milspec offers Power Strips and Surge Protectors for a variety of applications.

- AC Cord Length: 3 foot • Color: Black
- AWG/Cond.: 14/3; Wire Type: SJT
- Certifications: UL, cETLus, OSHA
- Electrical Ratings: 15A, 1875W, 125V

**MILSPE-D19005671 • Reg. \$11.12 Your Price \$9.04**

## APC P6B Essential SurgeArrest 6 Outlet Power Strip 6 ft cord


**APC**

- Surge energy rating: 490 Joules with 6' cord
- eP Joule Rating: 465
- EMI/RFI Noise rejection (100 kHz to 10 MHz): 20 dB
- Peak Current Normal Mode: 10 kAmps
- Peak Current Common Mode: 30 kAmps

- Let Through Voltage Rating: < 330

**APC-P6B • Reg. \$22.00 Your Price \$15.99**

## APC C2 AV C Type 2-Outlet Wall Mount Power Filter 120V


**APC**

- Isolated filter banks - Eliminates electromagnetic and radio frequency interference (EMI/RFI) as a source of audio-video signal degradation
- Dateline Surge Protection - Provides protection of connected equipment from power surges on the data lines
- Power conditioning - Protects connected loads from surges, spikes, lightning, and other power disturbances

- Safety-agency approved - Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals.

**APC-C2 • Reg. \$186.00 Your Price \$104.99**

## SurgeX SA82 FlatPak Surge Suppressor & Power Conditioner - 8 Amps at 120 Volts


**SURGEX**

Specifically Designed To Protect Flat Panel Monitors. The SurgeX SA82 provides guaranteed surge protection and power conditioning for audio, video, broadcast and computer equipment. The units are 8-amp load-capable and have 2 industrial grade grounded AC receptacles.

**SX-SA82-BK • Your Price \$459.00**

## Milspec D155200WT 6 Outlet Power Strip with 3 Foot Cord - White


**HOT**
**MILSPEC INDUSTRIES**

- ABS fire retardant housing
- Six (6) right angle grounded 15A-125v outlets
- Includes an individual transformer charging station
- Built in circuit breaker prevents overloads
- Heavy duty 3ft. 14/3 SJT power supply cord
- Four (4) optional mounting slots

**PD-2015R-NS • Reg. \$240.00 Your Price \$216.00**

## Middle Atlantic 20 Outlet 15A Multi-Mount Rackmount Power Strip


**HOT**
**MA**  
Middle Atlantic Products

- Versatile design allows for the unit to be mounted either horizontally or vertically in the rack
- Shallow 4" depth • 20 total outlets (10 on front of unit, 10 on rear of unit)
- 9', 14 gauge Signal Safe power cord minimizes the effects of AC magnetic fields
- Reversible, adjustable mounting ears provide more flexible installation options with either 0 or 90 degree mounting
- Outlets are oriented in various directions to accommodate plugs of different shapes, sizes and orientations. When installed with 90 degree orientation, the unit supports heavy "wall wart" power supply plugs.

**PD-2015R-NS • Reg. \$240.00 Your Price \$216.00**

## Furman SS-6B Pro Surge Suppressor

The "Sherman Tank" of Surge Suppressors among Touring or Stage managers, any Road Dawg or any grip or PA. Furman stands alone in form, function and most importantly, affordability. Which, after all, is a major factor in determining which equipment is walking out the door with you. • 6 outlet block • Heavy duty metal construction • 15 foot power cord • Illuminated ON/OFF switch • Circuit breaker • EMI/RFI noise attenuation


**FURMAN**

**FUR-SS6B • Reg. \$80.57 Your Price \$41.95**

## Furman SS-6B-Pro 15A AC Pro Surge Suppression Strip 6 Outlet 2x3 Block

The Furman SS-6B-PRO adds Extreme Voltage Shutdown to the venerable SS-6B for exceptional performance and protection. The SS-6B-PRO is a 6-outlet power block with standard level surge suppression protection, EMI/RFI filtration, Extreme Voltage Shutdown (EVS), heavy duty steel construction, and a 15ft. Power cord.

**FURMAN**

**FUR-SS-6B-PRO • Reg. \$104.95 Your Price \$94.95**

## Tripp Lite In-Line PoE Digital Signage Surge Protector - 1 Gbps / Cat5e/6 / Metal Case / IEC Compliant / TAA

- Easy to connect between PoE source and device using standard Cat5/5e/6 cabling
- Rapid reaction time under 1 ns helps prevent damage from power surges
- Supports 802.3af/802.3at IEEE standards and data transmission speeds up to 1 Gbps
- Plug-and-play, no software, easy & immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases


**TRIPP-LITE**  
POWER PROTECTION

**TRL-B110-SP-POE • Reg. \$80.80 Your Price \$59.95**



## **Tripp Lite 8-Outlet All Metal Housing Isobar Surge Suppressor**



- 8 NEMA 5-15R outlets in exclusive isolated filter banks • Network-grade 3840-joule surge protection rating
- Durable metal housing designed for tough environments
- 12A resettable circuit breaker prevents dangerous overloads
- 12 ft. AC power cord with right-angle NEMA 5-15P plug
- This product is covered by a Lifetime Limited Warranty • \$50,000 Ultimate Lifetime Insurance
- Protects your A/V components, network hardware, retail displays, appliances, power tools and other expensive electronics against even the strongest surges and spikes

**ISOBAR 8 ULTRA • Reg. \$138.82 Your Price \$100.46**

## **12 Right Angle Outlet 1RU Power Strip 120 Volt, 15 Amp 5-15R Outlets**

Delivers 120V power to rack-mount equipment in your network closet or server room.



- 12 NEMA 5-15R outlets are spaced apart to accommodate bulky transformers
- Lighted on/off switch with plastic cover is protected against accidental turn-off
- 15 ft. cord with NEMA 5-15P plug is long enough to reach distant AC outlet
- Versatile installation on wall, under counter or in 1U of rack space
- Covered by a Lifetime Limited Warranty

**RS-1215-RA • Reg. \$126.00 Your Price \$86.03**

## **Tripp Lite RS-1215 12 Outlet Rackmount Power Strip**



- Versatile all-metal cabinet with detachable mounting flanges allows rackmount, wallmount, under-counter and other creative mounting options
- Uses one rack space (1U) in standard 19 inch rack ("zero U" mounting possible in many racks)
- Unfiltered electrical pass-through reliably distributes alternate waveform AC power from UPS or generator to supported equipment
- 12 NEMA5-15R output receptacles (6 front/6 rear) • 15 foot AC cord NEMA5-15P plug connection • Lighted power switch confirms power on/off status
- Snap-in switch guard prevents accidental turn off
- 15 amp electrical capacity with circuit breaker; 120V AC, 50/60Hz

**RS-1215 • Reg. \$121.80 Your Price \$86.37**

## **Tripp Lite PDU1215 15A Rack Power Conditioner**

- Delivers 120V single-phase AC power to multiple loads from a utility outlet, generator or UPS system in a high-density IT environment • NEMA 5-15P input with 15-ft. (4.57 m)



- cord • 13 NEMA 5-15R outlets—12 rear and 1 front • Switchless design prevents accidental shutdown • Reversible all-metal housing • Installs in rack, on wall or under counter • 5-year limited warranty

**PDU1215 • Reg. \$162.86 Your Price \$113.93**

## **Waber by Tripp Lite Power Strip 9 Outlets 15 foot cord**

- Multi-outlet power strip offers convenient power distribution in workbench, wallmount or floor mount applications
- Includes 9 NEMA 5-15R output receptacles, 1-8 with 1.125 inch center-to-center spacing and a 9th outlet placed away from the rest on the panel opposite the input line cord to accommodate large plugs with minimal blockage
- Lighted power switch with transparent snap-over guard to prevent accidental shutoff
- Keyhole mounting tabs for installation in a wide variety of applications



**UL17CB-15 • Reg. \$75.60 Your Price \$50.11**

## **Tripp Lite TLP6B Surge Protector Strip 6 Outlet 6ft Cord 360 Joule Black**



- Protects your computer, printer, scanner, router, modem and other small home electronics against surges and spikes
- Recommended for any desktop, network or home electronics application requiring AC line protection
- Full normal mode (H-N) and common mode (N-G/H-G) line surge suppression
- Filters out disruptive EMI/RFI line noise that can cause equipment damage or data loss
- Exceeds IEEE 587 Category A and B surge suppression specifications
- Lighted on/off switch provides one-touch control over connected equipment
- Integrated 15A circuit breaker shuts down outlets in case of power overload

**TRL-TLP6B • Reg. \$20.80 Your Price \$14.31**

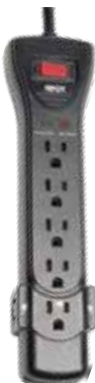
## **Tripp Lite PS66B Power It 6-Outlet Power Strip 6 Foot Cord Black Housing**



- 6 NEMA 5-15R AC outlets accept most appliances, power tools, lights and other devices Premium Safety Features
- Lighted on/off switch provides one-touch control over connected equipment
- Integrated 15A circuit breaker protects outlets against overloads
- UL and cUL approved Fits Effortlessly Into Your Home, Office or Work Site • 6-ft. AC power cord with NEMA 5-15P plug
- Keyhole slots on bottom panel provide convenient wall or desk mounting options

**TRL-PS66B • Reg. \$19.56 Your Price \$14.50**

## **Tripp Lite SUPER7B Surge Protector Strip 120V 7 Outlet, 7 Foot Cord, 2160 Joule**



- Protects your computer, printer, scanner, router, modem and other small electronics against even the strongest surges and spikes
- Full normal mode (H-N) and common mode (N-G/H-G) line surge suppression
- Filters out disruptive EMI/RFI line noise that can cause equipment damage or data loss
- Exceeds IEEE 587 Category A & B surge suppression specs
- 7 NEMA 5-15R AC outlets accept most computers and peripherals
- Special side-outlet design accommodates 3 bulky transformers
- Automatic shutoff permanently cuts power to outlets
- 7 ft. AC power cord with right-angle NEMA 5-15P

**TRL-SUPER7B • Reg. \$36.92 Your Price \$25.95**

## Laird Heavy Duty 12-3 15 Amp Stinger AC Cord - 25 Foot

*The Quality That Professional's Demand!*



Known in the theatrical and film industry as a "stinger", this heavy duty extension cord is built by hand and features a heavy duty all weather male to female Leviton 5269C and 5266C nylon 15 amp, 60hz, 2 pole, 3 wire grounded professional AC plugs wired to all-weather neoprene rubber 12/3 AC power cable. Designed for rugged field and studio use in the harshest environments.

3 wire grounded professional AC plugs wired to all-weather neoprene rubber 12/3 AC power cable. Designed for rugged field and studio use in the harshest environments.

**AC-12-3-12** • 10 foot • Reg. \$90.49 **Your Price \$67.95**

**AC-12-3-25** • 25 foot • Reg. \$100.95 **Your Price \$78.95**

**AC-12-3-50** • 50 foot • Reg. \$116.95 **Your Price \$107.49**

**AC-12-3-100** • 100 foot • Reg. \$195.95 **Your Price \$179.95**

## Laird SSPC-25 Stage Systems Heavy Duty 15-Amp 14/3 AC Power Extension Cord with Quad Box - 25 Foot



**LAIRD®** DIGITAL CINEMA • Cast aluminum 4 outlet stage box with basket strain relief

- Heavy Duty Leviton 5266C 3-Prong AC Plug
- 14/3 SJ heavy duty rubber-coated power cable
- Terminated in BR-15 (Brown) high impact receptacles
- A serious power cable that can tour with heavy metal and come back still performing flawlessly

**SSPC-10** • 10 foot • Reg. \$191.49 **Your Price \$175.49**

**SSPC-25** • 25 foot • Reg. \$201.95 **Your Price \$185.49**

**SSPC-50** • 50 foot • Reg. \$235.49 **Your Price \$214.95**

**SSPC-100** • 100 foot • Reg. \$289.95 **Your Price \$265.49**

**SSPC-200** • 200 foot • Reg. \$408.95 **Your Price \$374.95**

## Laird Neutrik powerCON Locking 3-Pole 20-Amp Type A to Type B Power Cables



- PowerCon is a lockable 3 pole equipment (AC) connector with contacts for line, neutral, and pre-mating safety grounds. It is rated at 20A/250V ac.
- Color coded for easy identification, PowerCon® offers power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating.

**LAIRD®** DIGITAL CINEMA (grey) versions with different keying to avoid the possibility of intermating. • The cable is a 300V 12 AWG UL Listed 3 Conductor TPrene Jacketed Heavy Duty Power Cord - Black.

- Professionally assembled in our in-house cable shop for powering various Mackie, Turbosound, JBL and other gear that utilize the Neutrik PowerCon connector.

**PWRCN20-AB-5** • 5 foot • Reg. \$35.49 **Your Price \$31.95**

**PWRCN20-AB-10** • 10 foot • Reg. \$45.95 **Your Price \$40.49**

**PWRCN20-AB-25** • 25 foot • Reg. \$77.49 **Your Price \$66.49**

**PWRCN20-AB-50** • 50 foot • Reg. \$112.49 **Your Price \$107.49**

**PWRCN20-AB-150** • 150 foot • Reg. \$297.95 **Your Price \$280.95**

## Milspec Pro Glo 10/3 SJTW Lighted Cold Weather -40 Deg Outdoor Extension Cord with CGM - 50 Foot - Green

Milspec D17004050 is a 50-foot 10/3 extension cord. This heavy duty cold weather PVC cord is equipped with our patented "CGM" Continuous Ground Monitoring connector. This latest safety feature identifies that there is ground continuity in a circuit when the green light turns on. In addition, the lighted amber male plug indicates there is power flowing through the cord.

**MILSPEC INDUSTRIES**



**MILSPEC-D17004050** • Reg. \$149.95 **Your Price \$105.95**

## Connectronics IEC Power Cords

Plug in any of our UL listed power cords and extensions to make your work environment more flexible and efficient or use them as replacements for your tired and overused cables. All feature a fully molded design that provides maximum durability and long life. Choose from our wide selection of International Power Cords, Right Angle Power Cords, Power Cord Extensions, Monitor Power Adapters & more. 18 AWG



**Connectronics**

**POWER-3** • 10 Foot • Reg. \$5.99 **Your Price \$5.49**

**POWER-6** • 25 Foot • Reg. \$6.30 **Your Price \$5.99**

**POWER-10** • 10 Foot • Reg. \$10.99 **Your Price \$10.99**

**POWER-25** • 25 Foot • Reg. \$15.99 **Your Price \$13.20**

## Laird 16AWG Heavy Duty 4-Pin XLR High Power Cables

Utilizing Neutrik 4-Pin XLR connectors and 16 gauge power cable, these cables deliver the power. Often times adding camera accessories and or going further distances can cause increased current requirements or voltages drops that can stop the shoot. Designed with 16 gauge wire for higher power applications with a current requirement of up to 10 Amps to maximize distance and reduce voltage drops.



**LAIRD®** DIGITAL CINEMA

**HIPWR-X4-MF-7** • 7 Foot • Reg. \$33.49 **Your Price \$29.95**

**HIPWR-X4-MF-10** • 10 Foot • Reg. \$36.95 **Your Price \$32.95**

**HIPWR-X4-MF-25** • 25 Foot • Reg. \$50.49 **Your Price \$45.95**

## 12 Inch 90 Degree Flat-Plug AC Splitter Adapter - 2 Pack

Attach two power adapters per outlet. It can be used with any power strip or wall socket without blocking other outlets. Provides 12 Inches of space to accommodate over-size adapters. Angled designed free up those power outlets behind furniture or desk and eliminates bending cord.



**Connectronics**

**NB-PPRTADPT2-2PK** • Reg. \$13.99 **Your Price \$12.99**

## Stage Ninja 20 Foot Retractable Power Reel With 4-Tap Head and Circuit Breaker (12/3 AWG)

- Durable black powder coated steel housing
- High tension lock and release mechanism
- Swivel wall or ceiling mounting bracket included
- 20 foot retractable quad tap 5-20R female head
- 3 foot static male plug with 15 amp on-board circuit breaker
- 1875 watts 125 volts 15 amps
- Constant tension available as special order. Contact for details.
- Reel diameter 9.25 inch; reel thickness 3.5 inch; total hanging depth with bracket 11.25 inch

**STAGE NINJA**



**SN-STX-20-4** • Reg. \$189.99 **Your Price \$169.99**





## ProPower ProPower 12/3 AC Extension Cords



Milspec heavy duty D166 Series Pro Power extension cords have become the industry standard for durability and safety. They use only soft-drawn, annealed, bunch-stranded 100% copper conductors for maximum flexibility and amperage transmission. In addition, the heavy-duty plugs and connectors are molded with large strain reliefs that prevent the ends from pulling away from the body. Manufactured to 12/3 AWG (American Wire Gauge) specifications. Each of the 3 conductors contain 65 strands of 30 gauge 100% copper wire. SJTW thermo vinyl cold weather compounded jacket guarantees the cord not to crack nor become brittle, and remain flexible in temperatures below freezing.

**MILSPE-D16624005 • 10 Foot • Reg. \$9.99 Your Price \$9.03**

**MILSPE-D16624010 • 25 Foot • Reg. \$14.80 Your Price \$13.19**

**MILSPE-D16624050 • 50 Foot • Reg. \$63.19 Your Price \$49.54**

**MILSPE-D16624100 • 100 Foot • Reg. \$123.71 Your Price \$92.95**

## ProPower ProGlo Tri-Tap 12/3 AC Extension Cord w/CGM



This Milspec triple tap D17228050 heavy duty cold weather PVC cord is equipped with our patented "CGM" Continuous Ground Monitoring connector. This latest safety feature identifies that there is ground continuity in a circuit when the green light turns on. In addition, the lighted amber male plug indicates there is power flowing through the cord.

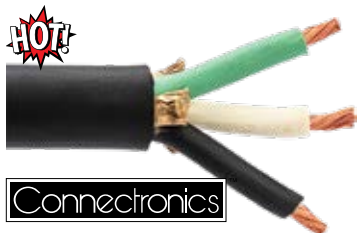
- Manufactured to 12/3 AWG (American Wire Gauge) specifications
- Each of the three conductors contain 65 strands of 30 AWG 100% copper wire
- All copper is soft drawn & annealed for maximum flexibility under full load
- Our Pro Glo® high visibility cold weather PVC insulation and jacket guarantees working flexibility in temperatures down to -40°F

**MILSPE-D17228025 • 25 Foot • Reg. \$38.89 Your Price \$38.17**

**MILSPE-D17228050 • 50 Foot • Reg. \$71.63 Your Price \$60.18**

**MILSPE-D17228100 • 100 Foot • Reg. \$137.29 Your Price \$106.25**

## Heavy Duty Bulk Power Cable



UL Listed 3 Conductor Jacketed Heavy Duty Power Cord - TPrene Jacket - Black. From power cables on a sound stage, to replacing the power cords, this cable has unlimited uses. Premium grade black rubber jacket allows good flexibility even in low temperatures. 3 conductor colors: black, white and green.

**PWR-12/3 • 12 AWG per foot • Reg. \$1.99 Your Price \$1.79**

**PWR-12/3-250 • 12 AWG 250 foot • Reg. \$399.00 Your Price \$379.00**

**PWR-14/3 • 14 AWG per foot • Reg. \$1.49 Your Price \$1.25**

**PWR-14/3-250 • 14 AWG 250 foot • Reg. \$279.00 Your Price \$265.00**

**PWR-16/3 • 16 AWG per foot • Reg. \$1.95 Your Price \$1.49**

**PWR-16/3-250 • 16 AWG 250 foot • Reg. \$299.95 Your Price \$269.95**

## Milspec Multi-Outlet 14/3 AC Distribution Extension Cords

- A special Multi-Outlet extension cord designed with standard 15A-125V grounded outlets molded at 5ft. intervals, plus one additional outlet 2.5 ft. from the cord's end
- Our 32.5ft. cord provides six (6) outlets plus one more outlet 2.5 ft. from the cord's end
- Our 52.5ft. cord provides ten (10) outlets plus one more outlet 2.5 ft. from the cord's end
- Each outlet includes twin winglets for attaching, mounting, or hanging the cord if needed • Heavy duty male plug and female connector are molded on and will not pull off • Manufactured to 14/3 AWG (American Wire Gauge) specifications



**MILSPE-D19006339 • 32.5 Foot • Reg. \$87.69 Your Price \$64.95**

**MILSPE-D19006340 • 52.5 Foot • Reg. \$108.72 Your Price \$89.20**

## ProPower Tri-Tap Cordset 12/3 AC Extension Cords

- Manufactured to 12/3 AWG (American Wire Gauge) specifications
- Each of the 3 conductors contain 65 strands of 30 gauge 100% copper wire
- SJTW thermo vinyl cold weather compounded jacket guarantees the cord not to crack nor become brittle, and remain flexible in temperatures below freezing
- Jacket resists oil, grease and ozone, and features an F2 rating for flame resistance
- Outside jacket rated at 300 volts
- All cordsets come with heavy duty, weatherproof molded connectors, standard 3-prong U/Ground type, 125 volt with the following amperage rating:



**MILSPE-D15623010 10 Foot..... Your Price \$20.40**

**MILSPE-D15623025 25 Foot..... Your Price \$36.95**

**MILSPE-D15623050 50 Foot..... Your Price \$54.95**

**MILSPE-D15623100 100 Foot..... Your Price \$103.29**

## Milspec D16528025 ProPower 14/3 AC Extension Cords

Milspec D16528025 ProPower Cordset 14/3 AC Extension Cord Black. Milspec heavy duty D16528025 Pro Power extension cords have become the industry standard for durability and safety. They use only soft-drawn, annealed, bunch-stranded 100% copper conductors for maximum flexibility and amperage transmission.



**MILSPE-D16528015 15 Foot..... Your Price \$13.17**

**MILSPE-D16528025 25 Foot..... Your Price \$22.25**

**MILSPE-D16528050 50 Foot..... Your Price \$37.45**

**MILSPE-D16528100 100 Foot..... Your Price \$66.58**

## Milspec D19005771 12/3 Quad-Box with 20-Amp Receptacles

Molded Quad-Box is exclusive to Milspec. With 4 versatile 15/20A-125V outlets. Extra Heavy-Duty. Solid build. Rugged molded PVC housing will not dent or collapse unlike other inferior (hollow) products. Comes w 6ft durable 12/3 power supply cord.

**MILSPE-D19005771 • Reg. \$26.09 Your Price \$24.95**





## Gator Pro-Series Molded Mil-Grade PE Rack Case - 6U - 13-Inch Deep

- 6 Unit Space Shallow Rack with Virtually Indestructible Roto Molded Polyethylene Design

- Full-Size Front and Rear Interlocking Lid with Gasket • Best in Class • Ergonomic Side Carry Handles
- Improved Stacking Design • Improved Rack Enclosure with 13" Rackable Depth

- Made in the USA from Recycled Materials • Penn-Elcom MOL Recessed Twist Latches with Black Powder Coated Finish
- Molded-In • Includes Threaded Front and Rear Rack Rails • Backwards Compatible with 1st Generation G-Pro Racks • Non-Slip Rubber Feet

**GTR-G-PRO-6U-13 • Reg. \$369.99 Your Price \$229.99**

## Gator G-MONITOR2-GO22 Rigid EPS Foam Lightweight Case



- Compact carry case for flat screen monitors
- Lightweight EPS construction with EVA reinforcement
- Internal padded straps to restrain the monitor
- Storage compartment for cables and other peripherals
- Soft adjustable base support • Ergo grip carry handle and padded shoulder strap

**G-MONITOR2-GO22 • Reg. \$319.99 Your Price \$199.99**

## Gator G-TOUR LCD/LED/Plasma Screen Cases



These cases provide serious road worthy protection and can now fit a wider variety of screens with its unique adjustable interior • Thick, heavy-duty plywood construction and a tough laminated PVC exterior

- Specialized EVA foam wedges safely secure and protect the screen while inside • Heavy-Duty Commercial Grade Gator Signature Hardware • Each case includes heavy-duty rubber casters and an extra wide caster board to prevent tipping during transport

**GTR-GLCDV2-3743 • Fits screens 37-43" • Reg. \$1599.99 Your Price \$999.99**

**G-TOURLCDV26065X • Fits TWO screens 60-65" • Your Price \$2099.99**

## Gator G-TOUR M15 ATA 15 Drop Microphone Road Case



ATA Wood Flight Case w/ Drops for 15 Mics (mics not included) • Recessed Twist Latches • Cable Storage • 15 Foam Padded Microphone Drops (mics not included) • Large Storage Space for Accessories • Red Recessed Twist Latches and Spring-Loaded Rubber-Gripped Handles • 5mm Plywood Construction and Penn Bright Heavy-Duty Hardware • Tough Construction • Spring Handles

**G-TOUR-M15 • Reg. \$339.99 Your Price \$209.99**

## Gator Deep Molded Audio Rack Cases



Gator GTSA-MIX12PU ATA TSA Molded Pop Up Mixer Case; 12U. TSA Series ATA Molded Polyethylene Mixer Case with 12U Pop-Up Rack Rails. Gator is the leading manufacturer of case solutions for the music and pro audio industries. They offer everything from covers, bags, lightweight cases, plastic cases, roto molded cases and ATA and Tour cases for guitars, amps, keyboards, band, percussion, microphone, racks, mixers, speakers, LCD/Plasma screens, utility, DJ, lighting, projector, laptop, digital recording and more.

**GTR-GTSA-MIX12PU • Reg. \$674.99 Your Price \$419.99**

## Gator Portable Microphone Isolation Shield

The Gator Frameworks GFW-MICISO1216 is a 12" x 16" portable desktop microphone isolation shield with a round base stand. This is ideal for content creation, live streaming, podcasts, broadcasts, voiceovers, and music production. Attaches to included 6.5" weighted round base desktop stand or to a microphone stand with standard 5/8"-27 threads

**GTR-GFW-MICISO12 • Reg. \$159.99 Your Price \$99.99**



## Gator Padded Nylon Tote Bag for Transporting 50 Inch LCD Screens

- Fits Screens Up to 50" • 25mm of PE Foam Padding Ensures 360-Degree Impact Absorption
- Reinforced Front Cover is Outfitted with a Polyethylene Screen Shield, Providing Shatter-Resistant Protection • Tricot Fabric Lining Offers Form-Fitting Interior that is Both Sturdy and Soft • A Dual-Zipper Enclosure Allows for Easy Loading and Unloading • Spacious Exterior Accessory Pocket Keeps Your Cables and Accessories Organized

**GTR-G-LCD-TOTE50 • Reg. \$399.99 Your Price \$249.99**



## Gator Roller Rack Rolling Rack Cases

Lightweight Polyethylene Construction

- Threaded, Field Replaceable 7mm Zinc-Plated Steel Rack Rails • Front & Rear Rack Rails • Heavy-Duty Twist Latches • Comfortable recessed side handles • Rugged pull-out handle • Roller blade-style wheels
- Locking lids

**GRR-4L 4RU ..... Your Price \$319.99**

**GRR-6L 6RU ..... Your Price \$349.99**

**GRR-10L 10RU ..... Your Price \$499.99**



## Gator Shallow Rack Cases

Gator's mini racks are the perfect solution for shallow rack gear such as effects, EQ's, and smaller amps • Lightweight Polyethylene Construction

- Threaded, Field Replaceable 7mm Zinc-Plated Steel Rack Rails • Front & Rear Rack Rails • Heavy-duty twist latches • Compact 14.25" rack depth

**GR-2S 2RU ..... Your Price \$219.99**

**GR-3S 3RU ..... Your Price \$229.99**

**GR-4S 4RU ..... Your Price \$239.99**

**GR-6S 6RU ..... Your Price \$249.99**



## Gator Deep Molded Audio Rack Cases

19" Rackable depth • Virtually indestructible roto molded polyethylene design • Recessed Penn Elcom twist latches • Front and rear lids • Molded-in, ergonomic side carry handles • Heat treated 10/32 screws with protective washers included • Stackable outer case design • Made from recycled materials

**G-PRO-4U-19 4RU ..... Your Price \$199.99**

**G-PRO-8U-19 8RU ..... Your Price \$269.99**



## Gator Black Oak Laminate Studio Racks

19" Studio Rack Cabinet • 5/8" Thick MDF (Medium Density Fiberboard) Furniture Grade Black Oak Laminate • Rack Rails Constructed of 3.2mm Heavy-Duty Cold Rolled Steel

**GR-STUDIO-4U 4RU ..... Your Price \$139.99**

**GR-STUDIO-8U 8RU ..... Your Price \$149.99**







## SKB 3I-2424M103U 3U Injection Molded Fly Rack Case - 20 Inch

- 3U Removable injection molded shock rack cage
- 20 inch rack depth • Interior foam protection
- Ultra high-strength polypropylene copolymer resin case construction • UV, solvent, corrosion and fungus resistant (MIL-STD-810G) • Complete gasket seal makes these cases absolutely watertight (MIL-STD-C-4150J) • Automatic ambient pressure equalization value (MIL-STD-648C & IP67) • Molded-in hinges • TSA Acceptable trigger release latches

SKB-3I-2424M103U • **Your Price \$599.99**



## SKB 1SKB-R4S 4U Shallow Roto Rack With Steel Rails

The Roto-molded Shallow Rack Case has a full front and rear cover instead of a rear access panel for easy access. Both doors have a rubber gasket to keep water out of the case. Cases have interlocking capabilities, recessed steel, Mil-Spec black twist latches, shock absorbing rubber feet

and new heavy-duty flush handles. With the addition of rear rack rails and the new cover design, the depth on the new Roto-molded Shallow Racks has been extended to 10.7" from front to rear rail.

SKB-R2S	2RU	<b>Your Price \$184.99</b>
SKB-R4S	4RU	<b>Your Price \$209.99</b>
SKB-R6S	6RU	<b>Your Price \$254.99</b>



## SKB 6RU Rack Stacks with Roto Racks Wheels and Handle

SKB 1SKB-R6UW Roto Rolling Rack are roto-molded of Polyethylene (LLDPE) for extra strength and durability. These racks incorporate their one-touch pull handle and back lid mounted wheels to improve ease of transport and help eliminate heavy lifting and carrying. The exteriors feature SKB's recognizable bar design that signifies the

rack unit size on the front and rear lids.

SKB-1SKB-R6UW • Reg. \$339.99 **Your Price \$339.99**



## SKB iSeries Waterproof Utility Case 7x2x1 Inches



The iSeries of waterproof cases are the perfect solution for storing and transporting your delicate electronics, A/V equipment, microphones, mixers, cables, computers or percussion and music accessories.

SKB-3I-0702-1B-E • Reg. \$29.99 **Your Price \$29.99**



## SKB Case for Blackmagic Design ATEM or DaVinci Mini Panel



Custom Cut PE foam to fit Blackmagic Design ATEM CCP, ATEM 1 M/E Adv Panel, or DaVinci Mini Panel

- Unconditional Lifetime Warranty • Ultra high-strength polypropylene copolymer resin • UV, solvent, corrosion and fungus resistant (MIL-STD-810F) • Complete gasket seal makes these cases absolutely watertight (MIL-STD-C-4150J) • Automatic ambient pressure equalization value (MIL-STD-648C & IP67) • Rubber over-molded cushion grip handle • Locking loops for a customer supplied lock • Trigger release latch system • Exterior (LxWxD): 24.50 x 19.37 x 12.22" (62.23 x 49.20 x 31.04cm)

SKB-3I-221710BM1 • **Your Price \$499.99**

## SKB 3I-10063ATM iSeries Blackmagic ATEM Mini Switcher Case

- Fits Blackmagic Design ATEM Mini or ATEM Mini Pro
- Large (7.25" x 4.125" x 1.25") accessory pocket for power supply and other accessories • Ultra high-strength polypropylene copolymer resin • Resistant to UV, solvents, corrosion, fungus, and impact damage (MIL-STD 810G)
- Molded-in hinges • Patented trigger latches
- Rubber over-molded cushion grip handle • Locking loops for customer supplied locks • Unconditional Lifetime Warranty

SKB-3I-10063ATEM • **Your Price \$69.99**



## SKB 29x14x15 Waterproof Case with Cubed Foam

- Industrial strength injection molded pull handle TSA accepted key locking latches are available Padlock holes include stainless steel padlock protector clips Waterproof and dust tight design (MIL-C-4150J / IP67) • Molded-in hinge for added protection
- Trigger release latch system • 12" front carry handle Ergonomic tow handle • Snap-down rubber over-molded cushion grip end handles • Ambient pressure equalization valve (MIL-STD-648C)
- Resistant to UV, solvents, corrosion, fungus (MIL-STD-810G)
- Two skate style wheels for easy transport

SKB-3I-2914-15BC • **Your Price \$364.99**



## SKB 6U Fly Rack Case with Built-in Wheels & Pull Handle

Featuring both injection molded cases and racks, SKB's improved waterproof Fly Racks are lighter in weight and more affordable than previous models, all without compromising strength or durability. SKB's injection molded rack frames are manufactured alongside our iSeries cases in Orange, California. Rack frames are removable and fit easily into SKB's iSeries cases, where they are protected by high quality PE foam that provides space for protruding knobs and buttons.

SKB-3I-2424M146U • Reg. \$659.99 **Your Price \$659.99**



## SKB Injection Molded Studio Flyer Rack Cases

Features a virtually indestructible, waterproof injection molded shell that is lighter, stronger, and more affordable than ever! Includes innovative molded-in front and rear rack rails that provide even more security and durability for sensitive studio equipment during travel. As a larger Studio Flyer option, the 1SKB-ISF4U offers a 4U rack mount measuring 15" from front rail to rear rail which safely accommodates deeper equipment, such as the Universal Audio Apollo audio interface. It also provides a 21" x 15.5" adjustable work surface with ample room for laptops or monitors, and a specially molded exterior pattern that stacks securely with all SKB Roto Racks for maximum transport convenience.

SKB-1SKB-ISF2U • 2RU • Reg. \$329.99 **Your Price \$329.99**

SKB-1SKB-ISF4U • 4RU • Reg. \$404.99 **Your Price \$404.99**



**Markertek is America's #1 Source for SKB!**





### Pelican Air Cases with Foam or TrekPak Divider Systems



- 40% lighter than standard Protector Series cases and other polymer cases
- Made of super-light proprietary HPX<sup>2</sup> Polymer
- Business card holder
- Maximum airline carry on size • Quiet rolling stainless-steel bearing wheels • Retractable extension handle • Pick-N-Pluck with convoluted lid foam
- Watertight, crushproof, and dustproof • Open cell core with solid wall design - strong, light weight
- Comfortable rubber over-molded handle • Easy open Double Throw latches
- Stainless steel hardware and padlock protectors • Automatic Pressure Equalization Valve - balances interior pressure, keeps water out • O-ring seal • Made in the USA

PEL-1485-BK • 19.17" x 12.80" x 6.89" Black.....	<b>Your Price \$215.95</b>
PEL-1485TP • 19.17" x 12.80" x 6.89" Black w TrekPak .....	<b>Your Price \$293.95</b>
PEL-1507-YW • 16.87" x 14.10" x 9.27" Yellow.....	<b>Your Price \$215.95</b>
PEL-1535-BK • 21.96" x 13.97" x 8.98" Black.....	<b>Your Price \$288.95</b>
PEL-1535AIR-TPBK • 21.96" x 13.97" x 8.98" Black w TrekPak .....	<b>Your Price \$409.95</b>
PEL-1615-YW • 32.58" x 18.40" x 11.02" Yellow.....	<b>Your Price \$393.95</b>
PEL-1615-SL • 32.58" x 18.40" x 11.02" Silver .....	<b>Your Price \$393.95</b>
PEL-1615AIR-OE • 32.58" x 18.40" x 11.02" Orange.....	<b>Your Price \$393.95</b>
PEL-1615-BK • 32.58" x 18.40" x 11.02" Black.....	<b>Your Price \$393.95</b>
PEL-1615AIRTP • 32.58" x 18.40" x 11.02" Black w TrekPak.....	<b>Your Price \$556.95</b>
PEL-1626-BK • 31.12" x 17.05" x 13.33" Black.....	<b>Your Price \$409.95</b>
PEL-1506-BK • 20.12" x 12.02" x 8.56" Black.....	<b>Your Price \$215.95</b>
PEL-1556-BK • 23.43" x 13.52" x 10.57" Black.....	<b>Your Price \$304.95</b>
PEL-1745-BK • Long Case 46.69" x 19.36" x 8.73" Black.....	<b>Your Price \$439.95</b>

### Pelican 1470WF Protector Laptop Case with Foam



The Pelican 1470 Protector Laptop Case is ideal for carrying and storing tablets and eReaders and laptops up to 15". The cases are great for business travel because whether your laptop and/or tablet is with you or in storage, you can count on the toughness of this Pelican case to keep your items safe and secure. Supplied with a layer of Pick-N-Pluck foam, you can custom shape the interior to give a secure fit to whatever you're protecting.

**PEL-1470B** • 8.96" x 4.83" x 2.88" • **Your Price \$167.95**

Made in the USA



### Pelican Protector Cases

*The First & Only Unbreakable Watertight Equipment Cases Made!*



These cases are the best insurance you can buy for your valuable camera gear, instruments, meters, gauges, precision tools, guns and expensive equipment. Unbreakable and "O" ring sealed - guaranteed airtight, watertight, dustproof and corrosion proof, they are molded of advanced ultra high impact copolymer resin.. All Pelican cases are built to take a beating. Layers of exclusive pick 'n pluck foam padding cushion equipment against rough and tumble abuse. Won't dent or corrode, even in or around salt water. Exclusive permanent automatic purge valve contains Gortex type material to prevent moisture from entering the case and allows the automatic release of pressure in the case. Super tough molded handles. Made of Borg-Warner Cyclocac ABS Structural Resin.

BPL1200 • #1200 Mini S Case 10-5/8" L x 9-11/16" W x 4-7/8" D.....	<b>Your Price \$73.95</b>
BPL1300 • #1300 Mini D Case 10-5/8" L x 9-11/16" W x 6-7/8" D.....	<b>Your Price \$83.95</b>
BPL1400 • #1400 Small Pelicase 13-3/8" L x 11-5/8" W x 6" D.....	<b>Your Price \$115.95</b>
BPL1450 • #1450 Medium Case 16" L x 13" W x 6-7/8" D.....	<b>Your Price \$157.95</b>
BPL1500 • #1500 Medium Case 18.5L x 15.25W x 6.875D .....	<b>Your Price \$183.95</b>
BPL1520 • #1520 Medium Case 19-1/8" L x 15-7/16" W x 7-9/16" D.....	<b>Your Price \$188.95</b>
BPL1550 • #1550 Large Case 20-5/8" L x 16-7/8" W x 8-1/8" D.....	<b>Your Price \$209.95</b>
BPL1600 • #1600 King Pelican Case 24-1/4" L x 19-7/16" W x 8-11/16" D.....	<b>Your Price \$251.95</b>

Add color code listed here to part number above.

Colors Available: C = Charcoal Black, S = Silver Gray, O = Orange, Y = Yellow DT = Desert Tan

### Pelican Carry-On Air Case with Lid Organizer

Combining strength and lightness, the 1535TRVL Wheeled Carry-On Air Case with Lid Organizer and Packing Cubes in charcoal from Pelican is watertight, crushproof, dustproof, and optimized for travel. Your 1535TRVL case is made of a super-light, proprietary HPX polymer (with honeycomb structural elements) that is up to 40% lighter than most other Pelican polymers. The case is also tested with a 28-pound steel dart dropped from a height of three feet.

**PEL-1535-TRVLCHA • Your Price \$377.95**

### Pelican 1560WF Protector Case with Foam

• Watertight, crushproof, and dustproof • 2 level Pick-N-Pluck with convoluted lid foam • Strong polyurethane wheels with stainless steel bearings • Open cell core with solid wall design - strong, light weight • Retractable extension handle • Easy open Double Throw latches • Stainless steel hardware and padlock protectors • Automatic Pressure Equalization Valve - balances interior pressure, keeps water out • Made in the USA

**BPL-1560B • 22" x 18" x 10" • Your Price \$262.95**

### Pelican 1560WF Protector Case with Foam

The Pelican 1637 Air Case is ideal for carrying and storing DSLR cameras & lenses, camcorders & accessories, GoPro cameras & accessories, on-camera monitors and lights, small studio lights, small mixers & microphones, compact & medium-sized drones, and external RAID drives. Made in the USA. 23.43" x 17.55" x 13.25" Interior.

**PEL-1637WD-BK • 26" x 20" x 15" • Your Price \$572.95**



## Porta Brace Shoot-Ready Lightweight Carrying Case for Blackmagic Pocket Cinema Camera



The Porta Brace CAR-POCKETCINEMA is a Shoot-Ready, lightweight carrying case for the Blackmagic Pocket Cinema camera, 1/2 cage, lens and monitor. For storing more gear, the bag features two exterior padded side pockets, two front and back exterior flat zippered pockets, and two front and back interior slip pockets. The case has an ultra-lightweight padded frame and comes with a Camera Cradle and tie-down cinch for stabilizing your Pocket Cinema camera during transport.

**PBR-CARPOCKETCIN** • Reg. \$209.00 **Your Price \$199.07**

## Porta-Brace CLK-3ENG Rain Cover for ENG Cameras

- Complete weather protection for stadium cameras with ENG-style lenses and flat-screen monitor displays
- Made from waterproof Nylon Taslan material
- Triple-layer, waterproof & breathable material
- New design fits flat-screen monitor displays
- Clear vinyl window for tally light and camera controls
- Rain and snow protection for stadium cameras with ENG lenses
- Helps keep camera operator dry and warm



**PBR-CLK-3ENG** • Reg. \$369.00 **Your Price \$351.47**

## PortaBrace CAR-2CAM Cargo Case - Camera Edition

Cargo Case Camera Edition has an ultra-light design, featuring dual-rigidity foam for maximum equipment protection



- Designed to fit Pro Video Cameras up to 21.75" long • Dual-rigidity foam for maximum protection
- 9" interior height for shoot-ready camera configurations • Easy open, quick-draw design • Genuine suede comfort shoulder strap & handles • Interior: 17" x 6.5" x 9.5"

**PBR-CAR-2CAM** • Reg. \$189.00 **Your Price \$180.02**

## SKB/Blackmagic Design Pocket Cinema Camera 4K Case

This military-grade waterproof hard case was designed for videographers who just want to carry the essentials. The case interior features a custom cut, high-quality PE foam that provides space for a Blackmagic Design Pocket Cinema Camera 4K with lens attached, lens hood section, two lens slots, and an accessory compartment. A removable section of foam will allow for a longer lens to remain attached to the camera. Each lens slot has three (3) half-inch removable rings to fit a variety of lenses.



**SKB-31-13096PC4K** • Reg. \$174.99  
**Your Price \$174.99**



## ShooterSlicker S4 Triax Camera Cover



Triax Camera Cover: 31" x 5" x 19"  
Features: Eyepiece with neoprene for comfort and water-resistant seal, hook & loop fastener to close around lens area and around bottom of the camera. Basic design without windows or openings for a more watertight raincover. Triax Configuration Camera Cover, no windows, bare bones cover.

**MTO-S4** • Black • **Your Price \$290.00**

**MTO-S4-GN** • Green • **Your Price \$310.00**

## Portabrace CO-OA-MB+ Heavy Duty ENG-Style Carry On Camera Bag



The Portabrace CO-OA-MB+ ENG-Style "Carry On" Camera Bag has a large, versatile padded viewfinder guard with enough room to accommodate and protect larger color-viewfinders found on many ENG-style cameras. The new, double zipper Quick-Zip™ lid provides fast Shoot-Ready® access to the camera and accessories inside the case.



- Abrasion-resistant Cordura material • Semi-rigid, padded, lightweight frame • Quick-zip, easy-access lid • Suede pull & carry handles
- Viewfinder "bubble" for comfortable fit • Heavy Duty "Shoot Ready"® transport for ENG-style cameras
- Light-weight, one-inch thick soft-padded frame for maximum protection • Genuine-suede handles and shoulder strap for comfortable carrying
- 1000d Cordura® brand nylon and triple bonded nylon threads for rugged long-life construction and performance in harsh field conditions

**PBR-CO-OA-MBPLUS** • Reg. \$419.00 **Your Price \$399.10**

## ShooterSlicker S7 Elephant Bag for ENG/EPF Cameras



El Nino Proof Rain Protection Is Used By Every Major Network! Rain Covers & Ponchos From MTO Are Designed Strictly For The Audio & Video Professional Who Cannot Tolerate An Inferior Product. Made From A Lightweight Blue Ripstop Nylon With A DWR (water resistance) Rating of 80 After A 3-Wash Test (0=Worst; 100=Best Per Industry Standards). This Fabric Is Also Used By Companies Such As Patagonia & North Face. Industry standard, one size fits all studio & ENG cameras. Critical waterproof protection for all cameras that must sit outside overnight.

**MTO-S7-GY** • Gray ..... **Your Price \$553.00**

**MTO-S7-BE** • Blue ..... **Your Price \$553.00**

**MTO-S7-GN** • Green ..... **Your Price \$592.00**

## MTO ShooterSlicker S5-7-9 Camera Case



The MTO S5 Shooter Slicker is made to fit all box lens configurations. The short length makes these covers perfect for tight turning ratios on all tripod brands. All covers feature vents for humidity control and a clear plastic window in the back that zips up and down for easy access to controls and protection for your 7 - 9 inch or 10 - 12 inch monitor. Large sleeves feature clear windows for a view of all hand controls.

Ties at the bottom of these covers allow you to secure it in windy conditions and the storage bag is attached at the bottom so you can't lose it.



**MTO-S5** • **Your Price \$699.00**

## MTO ShooterSlicker S10 Smaller Studio / ENG Camera Cover

The S10 Small Studio camera cover is designed for use with ENG/EPF camera set up with a 7-9" Viewfinder/Monitor and hand controls. It offers the same great features of the big boy S5 Studio Camera Cover like easy access to your Viewfinder, vents on both sides for humidity control, grommets and ties around the bottom of the cover to secure it to your tripod in windy conditions and overnight protection by closing the front Velcro.



**MTO-S10** • **Your Price \$609.00**



**Chief Small Flat Panel Tilt Wall Mount for 10-32 Inch Displays**

The FTR1U by Chief is a perfect complement to any small flat panel digital signage or hospitality application, providing fast and flexible installation, smooth fingertip tilt, and security for use in public spaces.

- Patented Centris technology provides fingertip tilt adjustment
- Portrait or landscape mountable
- Chief's exclusive Q-Latch Mounting System saves installation time

**CHIEF** • Supports wide range of VESA patterns for 10"-32"+ displays  
**CHF-FTR1U • Reg \$111.00 Your Price \$81.60**

**Chief RPAU Series Projector Mounts**

- Ships newly designed SLB universal bracket to fit most inverted projectors on the market
- Independent roll, pitch and yaw for quick and precise projector image registration
- Quick projector connect and disconnect with convenient lamp and filter access on most projectors

- Maintains registration when disconnected and doesn't affect preset adjustments
- All-Points™ Security Systems provides exclusive steel into steel locking hardware at all connection points to protect against theft
- Multiple installation options: flush mount to ceiling, 0.25" threaded rod, or 1.5" NPT threaded extension column
- Integrated cable management through top of mount without additional accessories
- Weight Capacity: 50 lbs (22.7 kg)

**RPAU • Black ..... Your Price \$215.20**  
**RPAUS • Silver ..... Your Price \$215.20**  
**RPAUW • White ..... Your Price \$215.20**

**Chief VCMU Heavy Duty Universal Projector Mount**

- Independent roll, pitch and yaw adjustments for quick and precise projector registration
- Multiple installation options: flush mount to ceiling, use 0.5" threaded rods, use a 1.5" NPT extension column
- Quick connect/disconnect for convenient lamp and filter access on most projectors



- Cable management through top of the mount without additional accessories
- Easy 3-Step Installation • 1) Assemble legs to projector
- 2) Fasten legs to universal bracket • 3) Hook bracket onto VCM mount
- Heavy Duty Steel Construction • Weight Capacity: 250lbs

**CHF-VCMU • Your Price \$473.60**

**Chief Angled Ceiling Mount Plate**

- The CMA395 is perfect for installations on an angled ceiling.
- Adjusts from -5° to +95° to level a mount from an angled ceiling
- Three slotted mounting holes allow horizontal and vertical adjustment for a precise installation
- Compatible with 1.5" NPT threaded extension column

**CHF-CMA395 • Black • Your Price \$58.40**

**CHF-CMA395W • White • Your Price \$58.40**

**Chief Kontour Articulating Single Monitor Reduced-Height Pole Mount**

The Chief Mounts K1P120BXRH enhanced Kontour™ K1P Dynamic Height-Adjustable Pole Mounts are the perfect monitor mount solutions for the office, public spaces, healthcare facilities, or home; with the Pole Mount offering extended manual height adjustment using Chief KTA pole accessories. Best-in-class weight capacity range of 5-25 lbs. makes specification simple!

**CHF-K1P120BXRH • Reg \$608.00**  
**Your Price \$243.20**

**Chief Thinstall Swing Arm Wall Mount**

- Ultra Low Profile Sleek design collapses to 1.5" (38 mm), providing an ultra-low profile for all types of TVs, including LED, LCD and Plasma.
- Extends up to 25" (635 mm) Full extension maximizes viewing potential.
- Centris™ low-profile tilt Provides up to 15° of effortless fingertip tilt to achieve optimal viewing angles.

- Centerless™ Lateral Shift Post-installation lateral shift allows up to 16"

**CHF-TS525TU • Reg \$786.00 Your Price \$568.80**

**Chief Fusion Micro-Adjustable Tilt Wall Mounts**

- Integrated teardrop design speeds up wall plate installation by allowing pre-installation of the bolts to the wall
- ControlZone Leveling for post-installation fine tuning of height and leveling
- Centerless Shift provides post-installation lateral shift for limitless centering
- Centris low-profile tilt uses the center of gravity to balance the screen while maintaining a low profile

- ClickConnect offers an audible click when the screen safely engages with the mount • Built-in cable stand provides easy access under the screen

**CHF-XTM1U • Extra Large - Screen Sizes: 55 - 82" - Capacity: 250 lbs..... \$364.00**

**CHF-LTM1U • Large - Screen Sizes: 37 - 63" - Capacity: 200 lbs..... \$307.20**

**CHF-MTM1U • Medium - Screen Sizes: 26 - 47" - Capacity: 125 lbs ..... \$196.00**

**Chief PAC525F In-Wall Storage Box with Flange**

The PAC525F simplifies flat panel installation by providing an organized, recessed space for routing excess cables and for attaching surge protectors/power conditioners. The addition of the flange adds an aesthetic trimmed appearance and drywall mounting capability.

Compatible with the PST, PRO, PLP, MSR, MTR, MWH, MWR, PWR, PNR, PDR, Thinstall™, and Fusion wall mounts.

**CHF-PAC525F • Your Price \$102.40**

**Chief FCASCA Structural Column Adapter**

The Chief FCASCA Structural Column Adapter makes it possible to add displays to round, concrete structural columns. For use with Fusion, Fusion Modular and Thinstall Swing-Arm mounts.

- Can cut to size in the field so you don't need to know the exact dimensions of round columns • Supports displays on a range of columns from 12-24"

**CHF-FCASCA • Your Price \$613.60**







## Peerless-AV SmartMount Universal Tilt Mounts

The SmartMount Universal Tilt Wall Mount series offers the most versatile installation features and mounting options. Horizontal and vertical adjustment abilities allow for post installation leveling and side-to-side positioning, making it easier than ever to find the perfect TV position. Lock the tilt angle at installation to prevent tampering or moving with the IncreLok tilt technology. The open wall plate design offers total wall access, increasing the electrical and cable management options.

- PER-ST640P** • 32 - 50 Inch Displays ..... **Your Price \$109.00**
- PER-ST650P** • 39 - 75 Inch Displays ..... **Your Price \$119.00**
- PER-ST660P** • 39 - 80 Inch Displays ..... **Your Price \$139.00**
- PER-ST650** • 39 - 75 Inch Displays with Security Screws ..... **Your Price \$119.00**
- PER-ST660** • 39 - 80 Inch Displays with Security Screws ..... **Your Price \$139.00**

## Promounts Large Articulating TV Wall Mount



Promounts OMA6401 is a large articulating TV wall mount. This wall mount holds TVs ranging from 37 to 85". The OMA6401 extends up to 18.3" from the wall and features their unique TouchTilt technology that provides the option for tool-less adjustment. Its tilt range allows for angles between -15° to 5° and swivel capabilities give a ±90° rotation option, affording the perfect view.

**PROM-OMA6401 • Your Price \$84.99**

## Promounts Articulating TV Wall Mounts



- Articulating/Full Motion Style TV Wall Mount
- Suited for both Flat and Curved LED, LCD and Plasma displays
- Unique Touch Tilt Technology offers tool-less adjustment
- Integrated Cable Management System
- Post Installation Level Adjustment
- Fully assembled and ready to install
- Load Capacity: 55Lbs • TV Size Compatibility: 23 to 43" • Distance from Wall: 2.2" and extends out to 16.3" • VESA Patterns: 100 x 100 to 200 x 400 • 11.6L x 10.9W x 2.2D • Tilt: 3° to -10°

**PROM-OMA2201 • Your Price \$34.99**

## Promounts 10° Tilt Wall Mount for 32-60" Displays to 165lbs



Promounts FT44 is an ultra low-profile mounting solution which allows flat and curved TVs to be tilted to a custom viewing angle. The TouchTilt® one-touch tilt mechanism allows for hassle-free screen adjustment without the need for tools. A built-in locking mechanism provides additional security. With the consumer in mind the FT44 comes with all hardware and a bonus bubble level for quick and easy installation.

**PROM-FT44 • Your Price \$29.99**

## Promounts 10° Tilt Wall Mount for 13-47" Displays



Promounts FT22 is an ultra low-profile mounting solution. The TouchTilt one-touch tilt mechanism allows for hassle-free screen adjustment without the need for tools. A built-in locking mechanism provides additional security. With the consumer in mind the FT22 comes with all hardware and a bonus bubble level for quick and easy installation.

- Supports Flat Panel Displays 13" - 47" up to 44 lbs and all VESA patterns from 50x50 to 200x200\*

**PROM-FT22 • Your Price \$14.99**

## Peerless DesignerSeries OSUA771PU Universal OLED/QLED Articulating Mount - 55 to 77 Inch OLED/QLED Displays

Specifically designed for the unique features of the OLED and QLED televisions. The ultra thin glass, bottom biased VESA® pattern and bottom bump-out on the TVs require specialized features to safely mount and move your television. The ratcheting tilt head allows you to adjust the angle of your display without having to put excessive pressure on the thin OLED glass. The adaptor bracket included with the mount is sized properly so there is no interference with power inputs or HDMI connections.



**PER-OSUA771PU • Reg \$529.00 Your Price \$419.00**

## VMP LCD-2B Universal LCD Desk & Table Mount for 10 to 23 Inch Displays

- Holds 10" - 23" flat panels • Accommodates flat panels with 75 or 100 mm VESA hole patterns
- Rotates 360° at base • Adjustable -5° to +30° tilt • Force arm has adjustable 0° to 60° forward tilt
- Can be attached as a clamp-on or bolt through mount with parts provided • Load capacity - 25 lbs • Black powder coat finish

**VMP-LCD-2B • Reg \$145.95 Your Price \$73.46**



## Premier Mounts P4263F Low Profile TV Mount for Flat Panels up to 175 lbs - 42 Inch & Up

- Holds flat panel displays less than 1 inch from the wall • Post-installation leveling system
- Lock-It security barrel included • Built-in lateral shift
- Open design for easy cable and electrical access
- Mounting kit includes wood, concrete and steel stud attachment hardware

**PMTS-P4263F • Reg \$164.00 Your Price \$164.00**



## Premier Mounts AM65 Wall Mount for TV - Black - 55 Inch

The AM65 is an ultra slim, commercial grade articulating mount that has 18.3 inches of extension, 12 degrees of tilt and allows for lateral shifting. This means that you will be able to view your display at almost any angle you chose! With unmatched movement versatility from a single stud mounting solution, the AM65 can also hold up to 65lbs, which is more than the weight of most standard 55 inch displays.

**PMTS-AM65 • Reg \$228.00 Your Price \$228.00**



## Promounts Flat TV Wall Mounts

- Fully assembled mounting plate
- Universal design, no screen adapter necessary
- Secure Locking Mechanism
- Post Level Installation & Built-In Bubble Level
- Load Capacity: from 80 to 143Lbs
- TV Size Compatibility: 32 to 100"
- Distance from Wall: 1.5" • VESA Patterns: from 100 x 100 to 600 x 400

**PROM-FF44 • 32 - 60 Inch Displays..... Your Price \$24.99**

**PROM-FF64 • 42 - 80 Inch Displays..... Your Price \$34.99**

**PROM-UF-PRO640 • 37 - 100 Inch Displays..... Your Price \$69.99**



**Middle Atlantic Series 214 19RU PTZ Wide Presentation Rack - Darkstone**

The BGR-MDK Series combines furniture elegance with a robust rolling steel enclosure. Featuring an attractive thermolaminate top which can accommodate video monitors, the BGR-MDK Series comes complete with a skirted wheelbase, leveling feet, curved plexi front door, cable entry rear door and front and rear rackrail.

Depth: 31.35 in (79.63 cm) | Height: 39.5 in (100.33 cm) | Panel Width: 19 in (48.26 cm) | Primary Package Weight: 157 lbs (71.21 kg) | Rack Units: 19 RU | UL Load Capacity: 1,100 lbs (498.95 kg) | Usable Depth: 24.4 in (61.98 cm) | Usable Height: 33.25 in (84.45 cm) | Width: 24.5 in (62.23 cm) | Federal Ops Country of Origin: USA | Finish: Darkstone | Forward Compatible: Yes | Monitor Mounting: Yes | Rack Rail Type: Forward Rackrail

**BGR-19SA27MDK-DS • Your Price \$2793.60**


**Middle Atlantic 15A 2 Outlet Racklink IP Controlled Compact AC Power Module**

- Individual IP outlet control of up to 2 outlets (2 outlets total) • Control start-up or shut-down with remote sequencing

- Easy set-up and control through RackLink user interface • MOV surge and spike protection • Multiple IP autoping and recovery ensuring optimal system functionality • Fast and easy commissioning

**MAP-RLNK-215 • Your Price \$315.00**

**Middle Atlantic 15A 4 Outlet Racklink IP Controlled Rackmount AC Power Module**

- Individual IP outlet control of up to 4 outlets • Control start-up or shut-down with remote sequencing
- Easy set-up and control through RackLink user interface
- MOV surge and spike protection
- Multiple IP autoping and recovery ensuring optimal system functionality

**MAP-RLNK-415R • Your Price \$405.00**


**Middle Atlantic 1RU Laser Cut Universal Connector Panel w/Strain Relief**

The innovative design allows mounting of both male and female connectors to the same holes simply by knocking out the correct pattern. The UNI-1-C incorporates a 2-5/8" strain relief shelf with tie-points for cable management. Made from one-piece flanged steel, black powder coat finish.

- Laser-cut knockouts accept a range of connectors, including XLR and Neutrik • Accepts male or female connector versions by knocking out correct pattern
- Flanged steel with black powder coat finish • Includes a strain-relief shelf for improved cable management

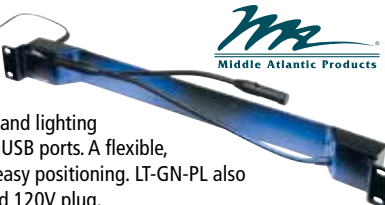
**UNI-1-C • Your Price \$71.55**


**Middle Atlantic One Rackspace Rackmount Panel with Dual Gooseneck LED Lights**

The LT-GN gooseneck work light features ultra bright LEDs for high visibility and plugs into USB ports on the front and rear of select power and lighting products or computers with standard USB ports. A flexible, silver gooseneck retains memory for easy positioning. LT-GN-PL also features a power supply with standard 120V plug.

- Longer lasting light for long-term reliability - now with 20,000 hour bulb life
- Eight state-of-the-art LEDs provide high output with low heat and power usage

**LT-GN-PNL • Your Price \$144.00**


**Middle Atlantic Rackmount Power Distribution Units**

Middle Atlantic's PD-915R rackmount power distribution unit is equipped with 8 rear outlets, and one front outlet. Standard equipment includes surge and spike protection, EMI filtering, and a 9' cord.

**PD-915R • 15 Amp Rackmount PD Unit w/ Surge Protection • \$198.00**

**PD-920R • 20 Amp Rackmount PD Unit w/ Surge Protection • \$369.00**

**PD-920R-NS • 20 Amp Rackmount PD Unit (no surge protection) • \$333.00**


**Middle Atlantic 20 Outlet 20 Amp PDT Series Thin Power Strips**

- Compact design takes up minimal space inside racks
- Fast, easy mounting with reusable, space-saving clips
- 9ft cord with SignalSAFE wire to avoid magnetic interference

**PDT-2020C-NS • Thin Power Strip • \$333.00**

**PDT-2020C-M-NS • Thin Power Strip with Local Meter • \$495.00**

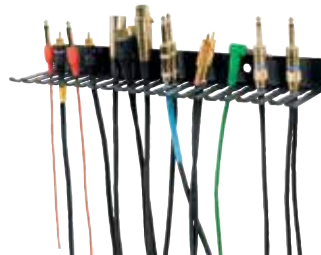
**PDT-2020TL-NS • Thin Power Strip with Twistlock Plug • \$369.00**

**PDT-2020TL-M-NS • Thin Power Strip with Local Meter & Twistlock Plug • \$576.00**

**Middle Atlantic Claw14 Wallmount Cable Hanger**

The unique dual-size "claw" configuration of this versatile wallmount cable hanger provides efficient storage for all cables large and small. Available with side trays for holding small items, or without for increased storage density. Black powder coat finished.

**CLAW14 • Your Price \$31.95**


**RK Series 19" K.D. Equipment Racks**

- Cost effective modular, studio racks well suited for permanent installation
- Constructed with 5/8" black laminated MDF board • Pre-installed 11 gauge 10-32 threaded front rack rails
- Quick & easy assembly with supplied allen wrench & driver bit • Caster kit option also available
- RK racks feature 16" D - BRK racks feature 18" D



**RK-4 • 4RU, 7" • \$193.50**

**BRK-8 • 8RU, 14" • \$240.30**

**RK6 • 6RU, 10.5" • \$206.10**

**BRK-12 • 12RU, 21" • \$261.00**

**RK10 • 10RU, 17.5" • \$230.40**

**BRK-14 • 14RU, 24.5" • \$274.50**

**RK-12 • 12RU, 21" • \$244.80**

**BRK-16 • 16RU, 28" • \$291.60**

**RK-20 • 20RU, 35" • \$270.90**

**BRK-20 • 20RU, 35" • \$306.90**

**BRK-6 • 6RU, 10.5" • \$229.50**

**BRK-12-22 • 12RU, 22" • \$353.70**





**Middle Atlantic BR1 1 Space Brush Grommet Panel**

The brush grommet panels provide a clean, organized cable entry method when used in conjunction with any work surface. Features a built-in cable management tray. Available in 1 and NEW 2 space versions. 2 space brush grommet panel fits in opening on all MW Series top options.



**BR1 • Your Price \$79.20**

## Middle Atlantic Blank Rack Panels



### 1/16" Thick Flanged Aluminum

**PBL-1 • 1 RU • \$13.95**

**PBL-2 • 2 RU • \$18.00**

### 16 Gauge Steel, Flanged, Textured Finish

**MA-SB1 • 1 RU • \$20.70**

**MA-SB2 • 2 RU • \$27.90**

**MA-SB3 • 3 RU • \$34.65**

**MA-SB4 • 4 RU • \$39.15**

### 18 Gauge Steel, Flanged

**EB-1 • 1 RU • \$13.95**

**EB-2 • 2 RU • \$18.90**

**EB-3 • 3 RU • \$21.60**

**EB-4 • 4 RU • \$31.95**

**EB-5 • 5 RU • \$35.55**

**EB-6 • 6 RU • \$40.05**



### 14 Gauge Steel Flat Steel

**FEB-1 • 1 RU • \$13.05**

**FEB-2 • 2 RU • \$17.10**

**FEB-3 • 3 RU • \$20.70**

**FEB-4 • 4 RU • \$27.90**

**FEB-5 • 5 RU • \$34.65**

**FEB-6 • 6 RU • \$37.35**

### 1/16" Thick Flanged Aluminum, Brushed and Anodized Finish

**BL-1 • 1 RU • \$30.60**

**BL-2 • 2 RU • \$34.65**

**BL-3 • 3 RU • \$40.05**

**BL-4 • 4 RU • \$48.60**

**MAP-BL1-2 • 1/2 RU • \$27.00**

**PHBL-3 • 3 RU • \$24.49**

**PHBL-4 • 4 RU • \$31.49**



## Middle Atlantic Vented Rack Panels

**VT-1 • 1 RU Vent Panel-flanged perforated steel Black • Your Price \$24.30**

**VT-2 • 2 RU Vent Panel-flanged perforated steel Black • Your Price \$30.60**

**VT-3 • 3 RU Vent Panel-flanged perforated steel Black • Your Price \$35.55**

**EVT-1 • 1 RU Econo-Vent Panel-flanged steel, vertical slots Black • Your Price \$18.00**

**EVT-2 • 2 RU Econo-Vent Panel-flanged steel, vertical slots Black • Your Price \$21.60**



## Vented Rack Panels - Fine Perforation



The tight perforated pattern found in the VTF series of vent panels limits viewing for aesthetics. Flanged, made from 16-gauge steel. Black powder coat finish.

**VTF-1 • 1 RU • Your Price \$24.30**

**VTF-2 • 2 RU • Your Price \$30.60**

**VTF-3 • 3 RU • Your Price \$35.55**

**VTF-4 • 4 RU • Your Price \$39.15**



## Middle Atlantic WRK Series Equipment Racks

The WRK series features a wider footprint for mounting equipment with thicker cable bundles. Ideal for multi-bay installations, and promotes increased airflow for maximum equipment cooling. The WRK series offers open or removable sides. Stand-alone installations version features fixed solid sides and seismic certification.

- Fully welded construction for maximum strength
- 24-1/4" overall width provides space for side cabling or cooling airflow
- Convenient lacing points and slotted rail brackets for cable management
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Extra-wide rackrail features cable pass-throughs to facilitate front-to-rear cabling • Includes standard configurable rear door

**WRK-40-27 • 40RU x 27-Inch Deep Rack • \$2050.20**

**WRK-40SA-27 • 40RU x 27-Inch Deep Stand Alone Rack • \$2115.90**

**WRK-44-27 • 44RU x 27-Inch Deep Rack • \$2115.90**

**WRK-44SA-27 • 44RU x 27-Inch Deep Stand Alone Rack • \$2183.40**

**WRK-44-32 • 44RU x 32.5-Inch Deep Rack • \$2183.40**

**WRK-44SA-32 • 44RU x 32.5-Inch Deep Stand Alone Rack • \$2355.30**

**WRK-37-32 • 37RU x 32-Inch Deep Rack • \$2007.00**

**WRK-37SA-32 • 37RU x 32-Inch Deep Stand Alone Rack • \$2115.90**

**WRK-24-27 • 24RU x 27-Inch Deep Rack • \$1696.50**

**WRK-24SA • 24RU x 27-Inch Deep Stand Alone Rack • \$1743.30**

**WRK-24-32 • 24RU x 32.5-Inch Deep Rack • \$1809.00**

## UTR-1 1/2 / 1/3 Rack Shelf

Mounts smaller components, wireless units and other half/third-rack gear • Includes hook-and-loop strips and enhanced ventilation pattern • 16-gauge steel • 25 lb. weight capacity • Black powder coat • 1RU high x 10" Deep

**UTR-1 • Your Price \$53.10**

## Adjustable Telescoping Rack Shelf

Unlike standard adjustable shelves, the entire VSA shelf telescopes to reach rear rail, providing a range of useable depths from 16" to 44". Ideal for even the deepest components. Finished in a durable black powder coat & fully vented. Capacity: 500 lbs.

**VSA-1626 • 16-26", 1RU High • Your Price \$197.10**

**VSA-2744 • 27-44", 1RU High • Your Price \$239.40**

## My Custom Shop Utility Shelves

16 gauge steel with black enamel finish. The quick and easy way to rack mount equipment not normally rack mountable. One piece heavy duty construction. 1 space holds up to 35 lbs. and 2 space holds up to 50 lbs.

**US1 • 1.75"H (1RU); Shelf Area : 17.375"W x 11"D • Your Price \$42.95**

**US2 • 3.5"H (2 RU); Shelf Area : 17.375"W x 14.312"D • Your Price \$41.95**

## Super Low Cost Rack Drawers

*Organize Your Rack for Half the Price!*

My Custom Shop Rack Drawers. Durable and won't empty your pockets! Light Weight 19"/483mm Rack Drawer, Lockable, with Slam Lock. Material: Steel/Aluminum.

**TN-RD2 • 2RU • Your Price \$107.95**

**TN-RD4 • 4RU • Your Price \$138.95**

**TN-RD3 • 3RU • Your Price \$125.95**





### My Custom Shop EZ-EARS-3U Variable Angle Mounting Brackets for 3RU Rackmount Monitors & Devices

*Brings Tilting Angles to Any 3RU Rackmount Product!*

Now you can tilt and angle your flat-mount rackmount gear with the EZ-EARS-3U from My Custom Shop. A brilliantly simple solution delivering variable angle tiltability to video monitors, processors, audio monitors and anything else where a little tilt would go a long way.

- Mount a Single 3RU Monitor or Device on Standard 19 Inch Rack • Designed for Units Under 5 Inches in Depth up to 15 lb



- Variable Tilt Angles up to 40 Degrees Up or Down • Easy Angle Adjustment Can be Locked in Place • Made of Sturdy Flat Black Painted Steel

**EZ-EARS-3U • Reg. \$79.95 Your Price \$70.95**

### My Custom Shop BLACKSTACK-10RM 3RU High Density Universal Blackmagic Design Mini Converter Rackmount

*The High Density Blackmagic Mini Converter Rackmount!*



- Includes Mounting Hardware
- 3RU Mounts up to 10 Mini Converters • High Density Professional Rack Mount Solution • Applications include News gathering, Sports

production, Remote productions, Live events, and OB Trucks

- Thumb Screw Mounting Allows for Fast Addition & Removal of Mini Converters
- Extended Rear Mount Cable & Power Management Plate

**BLACKSTACK-10RM • Reg. \$154.49 Your Price \$139.95**

### My Custom Shop BLACKRACK-2 Universal Mini Converter Rackmount - 3RU

*Rack Almost Any Mini Converter - Vertically or Horizontally!*



Originally designed with the AJA FIDO series in mind, the folks at My Custom Shop have come up with a simply brilliant way to rackmount almost any mini converter



with the BLACKRACK-2. It allows you to mount up to 16 mini converters from multiple brands in vertical, side-by-side fashion with high-density in mind. Of course, horizontal mounting is also an option if high-density needs aren't a factor.

- Allows Multiple Mini Converters & Devices to be Easily Rack Mounted in a 3RU Space • Holds up to 16 Vertically Mounted Units

**BLACKRACK-2 • Reg. \$122.49 Your Price \$110.95**

### My Custom Shop BLACKRACK-1 1RU Universal Blackmagic Design Mini Converter Rackmount

*Universal Blackmagic Mini Converter Rackmount!*



The BLACKRACK and BLACKSTACK series rackmounts from My Custom Shop are designed to work with Blackmagic Design Mini Converters. These quality rackmounts are proudly built



by My Custom Shop in the USA, and allow multiple Mini Converters to be easily rackmounted in a single 1, 2 or 3RU space.

**BLACKRACK-1 • Reg. \$79.95 Your Price \$79.95**

### Connectronics Ventilated Rack Shelves

These universal vented rack shelves are designed to fit standard 19" racks and can accommodate an internal depth of 10" for your AV Gear, data, IT, networking, or other non rackmount equipment. Vented shelf plate ensures consistent airflow to effectively dissipate equipment heat.



**NB-SHELF-SLT-1U • 1RU • Your Price \$33.95**

**NB-SHELF-SLT • 2RU • Your Price \$35.95**

### Startech Vented Shelf

• Fits virtually any 19in server rack  
• Accommodates an internal depth of 10in • Heavy-Duty & Durable Design: Constructed with SPCC commercial cold-rolled steel, the sturdy front mounted cabinet shelf ensures long term durability and supports a total weight of 44lbs/20kg making it the perfect rack shelf solution for any environment.



**ST-CABSHELFV1U • Reg. \$41.99 Your Price \$37.95**

### Middle Atlantic LT-1R LED Retractable Rack Light with Dimmer Control

Rackmount light occupies one rackspace and provides ambient lighting to front and rear of rackmount components.

LT-1R - Dimmable rackmount light, flat black powdercoat 1 3/4" (1 space) • Provides evenly distributed illumination for component viewing • Retractable light shelf with dimmable LED light bar • Choice of finishes: black powdercoat, black brushed and anodized, silver brushed and anodized • Attractive, dimmable LED logo optional (LT-1RA, LT-1RC) • Two rear USB style output ports for connection of LED gooseneck work lights (LT-GN)



**LT-1R • Reg. \$370.00 Your Price \$333.00**

### Littlite LED Desk Light with Dimmer 18 Inch Gooseneck

Littlite LW series desk lights are available in both halogen and LED models. The LW series uses a modified version of our CWB to mount a 12 or 18" gooseneck and dimmer control. The light features an enclosed bottom, an integrated socket for the power supply and a cleaner looking top surface with no mounting screws. The LED models also feature our new LED dimmer.

- 18" LED gooseneck light • Built-in dimmer
- Enclosed bottom plate • Power Supply included (US)
- No Assembly required



**LIT-LW-18-LED • Reg. \$169.75 Your Price \$135.80**

### Triple Rackmount Fan with Reversible Assembly

The CT-FANRK is a rack mountable ventilation system that incorporates 3 individual fans in a 3-rack space (5.25") housing. A single two-prong AC plug is attached to all three fans to minimize the number of outlets needed. The fans are reversible to provide either exhaust or air intake. The CT-FANRK operates with a very low amount of noise while maintaining a high volume of air movement. Each individual fan is capable of moving up to 92 cubic feet of air per minute for a combined flow of up to 276 CFM.



**CT-FANRK • Reg. \$85.00 Your Price \$82.95**



## Middle Atlantic CLAW Wall Mount Cable Claw with Side Trays



The unique dual-size Middle Atlantic "CLAW" configuration of this versatile wall mount cable hanger provides efficient storage for all cables large and small. Available with side trays for holding small items, or without side trays for increased storage density. Black powder coat finish.

**CRK-3 • Reg. \$35.50 Your Price \$31.95**

## Gator Wall Mountable Cable Hanger and Organizer



- Wall Mountable Cable Hanger & Organizer
- Provides Convenient, Accessible Storage for Audio & Computer Cables • Hanging Design Prevents Potential Damage to Cables from Over-Coiling & Kinks • 19 Cable Slots with Alternating-Size Spaces from 5-9mm • Features Short & Wide-Distance Mounting Hole Options • Rugged Steel Construction

**GTR-GFWCBLHANGER • Reg. \$39.99 Your Price \$24.99**



## Bittree Audio Patchcord Holder

- Patch cable holder for TT (Bantam) and 1/4" (Long-Frame) patch cables
- Also compatible with Micro-Video patch cables

**PCHA • Reg. \$42.00 Your Price \$38.00**

## Middle Atlantic Horizontal Cable Managers



Need to organize patch cords while maintaining the required bend radius? The D-Ring provides a solid solution! Offered in 1 space and 2 space versions. These horizontal cable management

panels come in "Micro-Clip" and "D-Ring" styles. All models are available with or without end rings. Black powder coat finish.

**HCM-1D • 1 Space D-Ring Style • Reg. \$65.00 Your Price \$58.50**

**HCM-1 • 1 Space Micro-Clip Style • Reg. \$54.00 Your Price \$48.60**

**HCM-1DV • 1 Space D-Ring Style w/ End Rings • Reg. \$68.00 Your Price \$61.20**

**HCM-2D • 2 Space D-Ring Style • Reg. \$68.00 Your Price \$61.20**

**HCM-2DV • 2 Space D-Ring Style w/ End Rings • Reg. \$75.50 Your Price \$67.95**



## Middle Atlantic D-RING Cable Manager

Wall or rack mount you can organize patch cords and maintain a required bend radius. The D-Ring provides a creative solution for adding individual D-Rings to a rack or on a wall using appropriate fasteners.

**D-RING • Reg. \$22.00 Your Price \$19.80**

## Rackmountable Lacing Bars



The economical and effective way to manage cable horizontally. Made from 1/4" diameter flattened rod (models LBP-1R, LBP-1.5, LBP-1R4) or 3/16" thick aluminum (LBP-1S), each bar provides convenient cable tie points. Model LBP-1R4 features a 4" offset, and model

LBP-1.5 features a 1-1/2" offset, for easy viewing of cable identification, while model LBP-1A features a formed "L" shape, generous cable tie slots, and a special coating to protect cables.



<b>LBP-1R</b>	Round Rod.....	<b>\$88.20</b>
<b>LBP-1S</b>	Rectangular Bar.....	<b>\$88.20</b>
<b>LBP-1.5</b>	1.5" offset round rod.....	<b>\$125.10</b>
<b>LBP-1R4</b>	4" offset round rod.....	<b>\$137.70</b>

<b>LBP-1A</b>	"L" bar.....	<b>\$56.70</b>
<b>LBP-2A</b>	2" offset "L" bar.....	<b>\$97.20</b>
<b>LBP-4A</b>	4" offset "L" bar.....	<b>\$109.80</b>
<b>LBP-6A</b>	6" offset "L" bar.....	<b>\$120.60</b>

## Checkers Linebacker Quick Hook Cable Management S-Hook - 50 Pack

Keeps you in compliance with over 15 cord related OSHA regulations. Holds up to 80 pounds. Installs in seconds. Non-Conductive. Can be hung with hook or screwed in place.



**CHK-QUICKHOOK-O • Your Price \$259.95**

## HellermannTyton Black Nylon Cable Ties (18 Pounds Tensile Strength) - 100 Pack

HellermannTyton standard cable ties feature inside serrations providing a positive hold onto wire and cable bundles. The head design guarantees high tensile strength, as well as a low insertion force. The bent tail design allows quick and simple installations by hand. For high volume applications, tensioning tools are available to ensure consistent and safe installation.



**HellermannTyton.**

**T18R-OW • 4 Inch • Reg. \$4.95 Your Price \$3.89**

**T18I-OW • 5.5 Inch • Reg. \$5.95 Your Price \$4.66**

**T18L-OW • 8 Inch • Reg. \$5.95 Your Price \$4.82**

## HellermannTyton T50I0C2 12 Inch Black Nylon Cable Ties (50 Lbs. Tensile Strength)

HellermannTyton standard cable ties feature inside serrations providing a positive hold onto wire and cable bundles. The head design guarantees high tensile strength, as well as a low insertion force. The bent tail design allows quick and simple installations by hand. For high volume applications, tensioning tools are available to ensure consistent and safe installation.



**HellermannTyton.**

**T50R-OW • 8 Inch • Reg. \$7.95 Your Price \$7.19**

**T50I-OW • 12 Inch • Reg. \$15.95 Your Price \$15.10**

**T50L-OW • 15 Inch • Reg. \$15.95 Your Price \$13.92**

## Rip-Tie Q-75-1RL-BK WrapStrap Plus 1/2 Inch x 75 Ft.

Light Duty Strap 200 Refastenings. The Rip-Tie WrapStrap PLUS has a same durability as Rip-Tie WrapStrap. Low profile Loop with polyethylene Hook. Lower cost and thinner profile than Rip-Tie WrapStrap. Only Available in Black



**RT-WSP • Your Price \$22.50**

## Black Soft cinch VELCRO® Brand Polytie Cable Ties - 25 Pack

- Self-Wrapping in one piece! (Front side loop, back side hook)
- Will not crush category 5 or fiber optic cables.
- Quick and easy installation... as simple as tie wraps.
- Easily reopens for moves and adds on new or retrofit locations
- The 8, 12, 24 inch lengths come with X-out for screw mounting

**3105-25 • 5 inch • Your Price \$10.18**

**3108-X-25 • 8 inch • Your Price \$19.10**

**3112-X-25 • 12 inch • Your Price \$26.88**

**3118-25 • 18 inch • Your Price \$36.80**



## VELCRO® Brand 90924 ONE-WRAP® Thin Ties 8-Inch x 1/2-Inch Reusable Ties - 50 per roll

VELCRO® Brand Thin Ties are a low profile and economical option for fastening wires and organizing cords. Strong and reusable, the ties are presized to make appliance and electronics wire and cable management quick and easy. Slotted head design ensures the strap stays with the cord so it doesn't get lost.

**VEL-90924 • Reg. \$8.94 Your Price \$5.95**





**Techflex Nylon Multifilament**

**Full Coverage, Soft, Supple, Strong and Attractive!**

Creates a unique & attractive retro look when installed on A/V cables. • Dense, Full Coverage • Cut/Abrasion Resistant • Soft, Pliable & Quiet

• Halogen Free • Black • 1/4" Nominal, sold per foot

**TF-NMN025BK • Your Price \$0.27 / ft.**

**Techflex RRNO Rodent Resistant Flexo Wrap**

Flexo RRNO75-DB Rodent Resistant (RRN) is the latest solution from Techflex for fighting the harmful effects of unprotected wires which are exposed to rodents. Muskrats, Mice, Rats, and other rodents have never ending time to find and destroy wiring and hose systems. Techflex has once again combined our knowledge of technical

filaments and braided protection sleeves to create an amazing rodent resistant sleeving.

**TFX-RRN050-BN • 1/2", Expansion: 0.25" - 0.75", Dark Brown, 500 Foot ..... Reg. \$249.00 Your Price \$219.00**

**TFX-RRN063DB • 5/8", Expansion: 0.375" - 1.0", Dark Brown, 500 Foot ..... Reg. \$289.00 Your Price \$259.00**

**TFX-RRN075-DB • 3/4", Expansion: 0.5" - 1.25", Dark Brown, 75 Foot ..... Reg. \$79.00 Your Price \$69.00**

**TechFlex FlexoPet Expandable Tubing**

**Expands Up To Two Times Its Normal Diameter!**

Amazing "Flexo Sleeving" is used for bundling cable(s) together in one common jacket. Special break-outs can be easily accommodated for the maximum in flexibility. Super lightweight & super durable. Perfect for combining audio and video cables together. High tensile strength. Cut and abrasion resistant. Professional looking. Network approved for sporting events and remotes. Retains properties in high & low temperatures. Moisture resistant. Prevents rot & fungus (MIL-E-5272). Breathable to allow moisture to dissipate from assembly. Quick & easy installation over large connectors. **Expands up to twice the nominal I.D. (inside diameter) size listed below. Standard Colors:** Specify Black (BK), Red (RD), Blue (BL), Green (GN), Orange (OE), White (WE) or Grey (GY)



**7 Colors!**

Nom. I.D.	Min. Dia.	Max. Dia.						
1/8"	3/32"	1/4"	PET1-C-(* )	100 Ft. Roll	.....	\$19.00	PET1-M-(* )	1,000 Ft. Roll..... \$99.00
1/4"	1/8"	7/16"	PET2-C-(* )	100 Ft. Roll	.....	\$21.00	PET2-M-(* )	1,000 Ft. Roll..... \$119.00
1/2"	1/4"	3/4"	PET3-C-(* )	100 Ft. Roll	.....	\$37.00	PET3-D-(* )	500 Ft. Roll ..... \$134.00
3/4"	1/2"	1-1/4"	PET4-C-(* )	100 Ft. Roll	.....	\$44.00	PET4-250-(* )	250 Ft. Roll ..... \$89.00
1-1/4"	3/4"	1-3/4"	PET6-50-(* )	50 Ft. Roll	.....	\$39.00	PET6-250-(* )	250 Ft. Roll ..... \$134.00
1-3/4"	1-1/4"	2-3/4"	PET8-50-(* )	50 Ft. Roll	.....	\$54.00	PET8-200-(* )	200 Ft. Roll ..... \$174.00

\*Add color choice from list above



**TECHFLEX**  
Braided Sleeving Products

**FlexoCleanCut By TechFlex**

**Cut with Scissors for Easy & Safe Installation!**

By manipulating the mechanical specifications of the Polyethylene Terephthalate filaments, the engineers at TECHFLEX have produced a product with the same characteristics of our FLEXO PET with the added advantage of being able to cut with ordinary scissors and still maintain an extraordinarily fray-resistant end. Ideal for field installers and other situations where access to a hot knife is impossible. CC's fray-resistant properties allows frequent expansion at the cut end without unraveling. **BLACK ONLY.**

• UV resistant • Lightweight and flexible • Cuts easily with scissor or Hot Knife • Increased braid density for fuller coverage • High abrasion resistance • Chemically inert • Operating Temp. -103°F to 257°F



Nominal Size ID	Min. Dia.	Max. Dia.	Bulk Spool	Bulk Part #	Your Price	Mini Spool	Mini Part #	Your Price
1/4"	5/32"	7/16"	1000'	CCPT2X	\$189.00	100'	CM189	\$29.00
1/2"	1/4"	3/4"	500'	CCPT3X	\$169.00	100'	CM191	\$42.00
3/4"	5/8"	1"	250'	CCPT4X	\$99.00	75'	CM192	\$44.00
1"	3/4"	1-3/16"	250'	CCPT5X	\$119.00	50'	CM193	\$37.00
1-1/4"	1"	1-1/2"	250'	CCPT6X	\$149.00	50'	CCP1.25	\$42.00
1-1/2"	1-1/4"	2"	250'	CCPT7X	\$169.00	50'	CM195	\$49.00

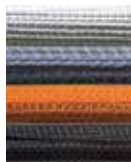
**Techflex F6 Wrappable Split Braided Tubing**

**A Flexible, Semi-Rigid Wrappable Split Braided Tubing!**

F6's unique split, semi-rigid braided construction makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (velcro, tape, etc.) The 10 mil PET braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices. F6 will bend to a tight radius without distorting or splitting open and, unlike rigid tubing. Add an insertion tool (lower right) for fastest installation.



Part #	Nom Size	Length	Color	Lbs./100'	Your Price
F6N013BK100	1/8"	100'	Black	0.2	\$29.00
F6N025BK100	1/4"	100'	Black	0.6	\$47.00
F6N050BK75	1/2"	75'	Black	1.4	\$49.00
F6N075BK50	3/4"	50'	Black	1.6	\$47.00
F6N100BK50	1.0"	50'	Black	2.0	\$62.00
F6N100BK-100	1.0"	100'	Black	4.0	\$99.00
F6N150BK25	1.5"	25'	Black	2.7	\$59.00
F6N200BK25	2.0"	25'	Black	3.6	\$79.00
F6N200BK50	2.0"	50'	Black	7.0	\$129.00



**TECHFLEX**  
Braided Sleeving Products

- Easy, Cost & Labor Effective Installation
- More Flexible Than Split Convuluted or Spiral Wrap
- Soft and Quiet In High Vibration Uses
- 25% Edge Overlap
- Cut & Abrasion Resistant
- Chemically Inert
- Halogen Free
- Retains Shape & Rigidity Through -750°C to 1250°C
- 230°C Melting Temperature

**Insertion Installation Tools**

F6SWT-14	0.25"	.....	\$5.75
F6SWT-12	0.50"	.....	\$6.75
F6SWT-34	0.75"	.....	\$8.00
F6SWT-1	1.0"	.....	\$8.75
F6SWT-112	1.5"	.....	\$11.00





## SafCord Cable Protector

*Save Yourself A Trip - A Simple Hook & Loop!*



SAFCORD is the only non-adhesive method for securing cords on stair carpet, along carpet trim, on sets, around curves - you name it. SAFCORD secures electrical cords to looped carpet\*. Replace tape that leaves messy adhesive residue and lock cords in place while providing the lowest profile possible. SAFCORD, made of industrial grade Cordura Nylon, is washable and reusable.

The hook material is secured on the nylon with extremely durable filament; this high quality design allows SAFCORD to be cut to any length without unraveling. \*Please note: SafCord Does not work on cut pile carpet. Black - see other colors on our web site.

SAFCORD-063-BK • 3" Wide x 6 Ft.	Your Price \$21.00
SAFCORD-303-BK • 3" Wide x 30 Ft. Roll	Your Price \$105.00
SAFCORD-064-BK • 4" Wide x 6 Ft.	Your Price \$27.00
SAFCORD-304-BK • 4" Wide x 30 Ft. Roll	Your Price \$117.00

## Cable Path Tape

Protect people from tripping & falling as well as cables from being crushed. Reinforced plastic tape with strong adhesion. Removable.

CDT-430 • 4" x 30 yards	Your Price \$51.29
CDT-630 • 6" x 30 yards	Your Price \$78.05

## Checkers FastLane 3 Foot x 1-Channel Drop Over Cable Protectors



### Experience Life in the FastLane!

For lightweight vehicles and pedestrian traffic at live events, warehouses, and commercial and industrial environments, FastLane Drop Over Protectors are made from durable polyurethane and feature heavy duty "L" shape connectors for easily attaching additional protectors as required. Patented 5-bar tread plate surface provides maximum traction for pedestrian traffic. These low profile protectors are compact for

easy setup, disassembly, and storage. Optional Anti-Slip Rubber Pad Kit and/or Optional Carpet Kit with VELCRO Brand Fasteners also available for added traction.

CHK-FL1X15-B • Outside Cable Diameters up to 0.5"	Your Price \$62.95
CHK-FL1X4-B • Outside Cable Diameters up to 1.0"	Your Price \$109.95

## Guard Dog Cable Protectors



**A Low Cost Multi-Channel Protector Ideal for Broadcast, Public, Commercial & Industrial Use!**

Protect valuable electrical cables, cords and hose lines from damage and abuse while ensuring a method of safe passage for vehicles and pedestrian traffic. Ideal for industrial environments where heavy duty cable protection is required. We also offer ADA compliant cable covers and cable bridges to fit these cable protectors.

- 3 Foot Long Sections • GD2X75-ST LOAD CAPACITY: 13,000 lbs/tire (26,000 lbs/axle) • All weather polyurethane construction with heavy load capacity • Hinged lid makes placing and removing cables and hose lines easy
- Patented 5-bar tread surface provides maximum traction • Heavy duty Dog-Bone connector interlocks modular sections • Lightweight and easy to transport, set-up, disassemble and store • End caps provide gradual taper to ground or floor • Carrying handle is conveniently recessed on underside of protector • Safety warning symbols molded into lid surface

### 1-Channel Low Profile for Cable Up to 0.75" (2.25"W x 0.75"H Channel) - 9 Lbs.

GD1X75-ST-O/B • Orange Lid, Black Ramp	Reg. \$197.23 Your Price \$158.95
GD1X75-ST-B/B • Black Lid, Black Ramp	Reg. \$197.23 Your Price \$158.95

### 2-Channel Low Profile for Cable Up to .75" (2x 1.5"W x 0.75"H Channel) - 9 Lbs.

GD2X75-ST-BB • Black Lid, Black Ramp	Reg. \$226.69 Your Price \$188.95
GD2X75-ST-OB • Orange Lid, Black Ramp	Reg. \$226.69 Your Price \$188.95

## Connectronics 5-Channel Cable Ramp Crossover & Cable Protector



A cost effective carry-and-go 5-channel cable ramp crossover for location work where vehicle and pedestrian traffic would pose harm to your cable investment.

- 5-Channels with Hinged Lid
- 20,000 Lb. Load Capacity
- Spacious 1.5"W x 1.25"H Cable Channels
- Convenient Carry Handle
- Anti-Slip Surface
- Male & Female End Caps for Linking Multiple Units • Heavy Duty PVC Hinged Lid
- Weight: 27.5 Lbs. • Overall with Linking Connectors: 36.75" L x 19.5" W x 2.5" H



CRSX-2 • Your Price \$129.95

## Duraline Low Cost Drop Over Cable Protector

### Low Cost... Heavy Duty!

An inexpensive drop-over cord cover that has many of the features of heavier duty models. Perfect anywhere you want to provide protection for your cords and cables from walk-over pedestrian traffic. Low profile single channel size 1.5" x 0.5". A durable rubber drop-over cover designed to interlock with others to allow you to create as long or as short a run as you require. Each drop-over is 5 feet in length, features a 'raised diamond' thread on top and a tooled out bottom, offering maximum traction.

Model	Length	Type	Your Price
DRL-FCP	5 Foot	Straight Length	\$69.95
DRL-FCP-3	3 Foot	Straight Length	\$44.95
DRL-FCP-45	N/A	45° Right Angle	\$26.49
DRL-FCP-45L	N/A	45° Left Angle	\$26.49

## Guard Dog 3-Foot x 5-Channel Cable Protector with Orange Lid & Black Ramp

The GD5X1250B 5 channel cable protector protects cables and lines with an outside diameter up to 1.3 inches. This unit protects cables and hose lines up to 1.3 inches in diameter and features an all-weather polyurethane construction with heavy load capacity.

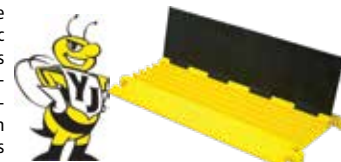
GD5X1250B • Your Price \$248.95



## Bumble Bee Light Duty 5-Channel T-Connector Crossover

The Light-Duty Alternative to Yellow Jacket The Bumble Bee is designed for low-volume foot traffic and works well in indoor environments, such as conventions and events. Made of standard polyurethane, the Bumble Bee has the resilience, hardness and impact resistance polyurethane is known for Bumble Bee's color, texture and T-connectors are designed to be compatible with the light-duty cable protectors you may already have.

BB5-125 • Your Price \$224.95



## Yellow Jacket Super Duty 5-Channel Crossover

High load bearing capacity for heavy volume and high speed vehicular traffic. Hipertthane Yellow Jacket Crossovers safeguard pedestrians and employees from mishaps involving cables. Modular design makes length variation a snap. This is the solution to cable/pedestrian protection in hightraffic areas such as hotels, convention centers, exhibit halls, motion picture and television production. 5-Channel x 3 foot length.

PS5MM • Your Price \$296.95



## Chemtronics Isopropyl Alcohol Presaturated Wipes 70 Percent IPA - Pull-up Tubs



- Isopropyl Alcohol (IPA) Wipes remove solder paste, inks, and other contaminants. Alcohol wipes are ideal for all general cleaning applications.
- Ultra pure mixture of IPA and deionized water
- Strong, will not tear, shred, unravel or lint
- Holds up to the most rigorous scrubbing
- SIP125P, SIP100P and SIP91P pull-up presaturated wipes are ideal for cleaning of semi-automatic printer stencils, and touch-up cleaning of automatic printer stencils
- IPA100B wipes are lint free and pre-cut - excellent for cleaning fine pitch stencils

**CHM-SIP100P • 70% IPA, 100 Pack • Your Price \$40.52**

**CHM-SIP125P • 70% IPA, 125 Pack • Your Price \$41.15**

**CHM-SIP91P • 91% IPA, 100 Pack • Your Price \$40.53**

## Chemtronics Chem Pad 3x4 Presaturated Isopropyl Wipe 91 Percent IPA - 50 Pack



- Contains ultra pure blend of 91% IPA/9%deionized water
- Thick, non-abrasive, wiping pad
- Solvent evaporates completely, leaving no residue • Nonabrasive, safe on plastics
- Ideal cleaning wipe for field service of computers, office equipment and electronics



- Cleans dirt, oxides, and oil from optical and magnetic tape heads • Dimensions: 3" x 4" (7.6 cm x 10.2 cm)

**CP400 • Your Price \$42.96**

## Chemtronics Optic Prep Lens-Grade Tissue 65 Percent Isopropyl Alcohol Wipe - 50 Pack



Chemtronics CP410 Optic Prep™ 65% IPA Presaturated Wipes are high quality premoistened lens-grade tissues for cleaning optical surfaces. These highly effective cleaning wipes are ideal for cleaning and polishing optical surfaces, lenses, photographic equipment, CRT and LCD screens and instruments. Optic Prep™



is safe for use on fiber optic connectors. Optic Prep™ Presaturated Wipes contain ultra-pure isopropyl alcohol (65% IPA / 35% Pure Water) on an ultra-soft, lens grade tissue.

**CP410 • Your Price \$34.16**

## Microphone Mic Cleaning / Sanitizing / Deodorizing Foam 50 ml Bottle

Kills 99.9% of the Germs, Yet Safe for all Microphone Surfaces! Microphone 50ml Microphone Solution Bottle is a new mic cleaning foam and the world's only alcohol-free cleaner/sanitizer/deodorizer designed to safely disinfect exterior mic surfaces but is safe for inner mic electronics. Microphone is also great for cleaning and deodorizing cell phones, headphones, head sets, talkies, dispatch, computer and audio equipment!

**MICROPHONE • Reg. \$12.95 Your Price \$11.95**



## Hosa Goby Labs Microphone Cleaner Sanitizer - 4 Fluid Ounces

The GLS-104 Goby Labs Microphone Cleaner Sanitizer is formulated to clean and disinfect microphones. This easy-to-use spray kills 99.99% of germs that cause odors on microphones and gear-even hands and skin! It is ideal for live sound and karaoke.

**HOS-GLS-104 • Reg. \$16.95 Your Price \$10.95**



## Chemtronics Ultrajet Canned Air Disposable Duster

For keyboards, circuit boards, surface mount devices, optical surfaces, photo & video equipment & electronic components. Built in variable control trigger valve designed for single hand operation. Extruded seamless aluminum cans eliminate contamination. Completely disposable.



**ES1020**

**Your Price \$22.37**



## Chemtronics Blast Extra-Strength Duster

Engineered to remove dirt, dust, oxide particles and other airborne particles instantly. The exceptionally pure jet can also be used to facilitate the accelerated drying of solvent cleaners. This product should be handled as any flammable material and not used near open flames or other ignition sources.



**ES1029**

**Your Price \$10.71**

## Chemtronics CT100 Cottontips Single Head Swabs

- 100% pure pharmaceutical grade bleached white cotton head
- Soft and highly absorbent
- Compatible with most solvents
- Rigid wooden handle
- Package Count: 100 Swabs
- Swab Length: 6.00" (15.2 cm)
- Head Material: Cotton



**CT100 • Your Price \$5.48**

## Chemtronics IPA - Isopropyl Alcohol Head Cleaner - 99%

Chemtronics ES605L IPA

- Isopropyl Alcohol is a highly effective, general use cleaning solvent that is used to clean a variety of substrates and remove a variety of soils. This 99.8% isopropyl alcohol is available in a variety of sizes for all types of use. 16 Ounce.

**CAIG-DCC-V511 • Your Price \$7.95**



## CAIG DeoxIT® Val-U Contact Cleaner Wash

CAIG DeoxIT® Val-U Series contact cleaner is ideal for use on switches, relays, contacts, or connectors. Features an adjustable valve, and a chemical composition that quickly evaporates and is safe on plastics. RoHS and VOC compliant. 10 Ounce.



**CAIG-DCC-V511 • Your Price \$7.95**

## Techspray Isopropyl Alcohol Pre-Saturated Wipes 5 x 8 Inch - 99.8 Percent IPA

99.8% pure anhydrous (containing the least water possible and no denaturant) isopropyl alcohol is excellent for tape head cleaning, deflusing, stencil cleaning, other light cleaning, and as a flux thinner. Avoid "bargain" alcohols for critical electronic cleaning.

**TESP-1610-100DSP • Disposable Tub • Your Price \$34.60**

## Techspray Isopropyl Alcohol Cleaning Wipes - 70 Percent IPA

The Techspray/Chemtronics 1608-100DSP are convenient, low-linting wipes pre-saturated with 70% pure Isopropyl Alcohol (IPA). The 1608-100DSP is a great way to quickly clean contaminated surfaces. Made of Nonwoven Polyester Material (1608) and engineered for high volume PCB assembly and other types of production.

**CHM-1608-100FL • Flip Top Tub • Your Price \$32.61**







## DeoxIT®

**MORE Than a Contact Cleaner**  
Chemically Improves Connections!™

### CAIG Products DeoxIT® Gold Cleaning Formula 5 Ounce Spray

DeoxIT® Gold is specifically formulated to improve conductivity, lubricate and protect gold, base metals and other precious metal surfaces. It outperforms all other contact cleaners, enhancers and lubricants. It deoxidizes and cleans surface contamination and penetrates plated surfaces and molecularly bonds to the base metals. Use on plated contacts and connectors for maximum performance and protection.

**G5S-6 • Your Price \$22.09**



### CAIG Products DeoxIT® SHIELD 5 Percent Spray 163g



DeoxIT® contact cleaner is a fast-acting deoxidizing solution that cleans, preserves, lubricates and improves conductivity on all

metal connectors and contacts. Use as a general treatment for connectors, contacts and other metal surfaces, and on non-critical metal surfaces with severe oxidation and corrosion. If the metal surface is discolored, it is severe. DeoxIT® dissolves the contamination and protects the surface. For reference, DeoxIT® has approximately 20% cleaning action.

- Improves Conductivity • Deoxidizes, Cleans & Preserves
- Reduces Intermittent Connections • Reduces Arcing & RFI
- Reduces Wear & Abrasion • Temperature Range, -34 C (-29 F) to +200 C (400 F)

**SN5S-6N • Your Price \$30.35**

### CAIG Products DeoxIT® DN5S-6N Spray

Unique contact cleaner, rejuvenator, conductivity enhancer and lubricant. Dissolves oxidation and corrosion on metal surfaces. Fills in microscopic gaps and reseals surface for better contact to enhance flow of electricity. Chemically improves metal-to-metal connections and contacts. Improves connector performance/reliability. Temperature range: -34 to +200°C. Use DeoxIT DN5S-6N as a general treatment for connectors, contacts and other metal surfaces, and on non-critical metal surfaces with severe oxidation and corrosion. If the metal surface is discolored, it is severe. DeoxIT dissolves the contamination and protects the surface. For reference, DeoxIT has approximately 20% cleaning action.

**DN5S-6N • Your Price \$27.22**



### CAIG Products DeoxIT® Fader 142g Spray



DeoxIT® Fader is a precision lubricant specifically formulated to improve conductivity and lubricate conductive

plastic and carbon compound faders, switches and other similar components. Over time these components lose their original lubrication from wear and/or repeated cleaning. Dust, dirt, drink spills and other contamination also degrade the components' lubricant. The need for re-lubrication is necessary to avoid excess wear and abrasion to the plastic surfaces. Another use for DeoxIT® Fader is on conductive membrane switches and components. Oil, grease and acids build up on the membrane surfaces due to repeated finger contact and can lead to device malfunction.

**F5S-H6 • Your Price \$19.72**



### CAIG Products DeoxIT® D100L Squeeze Tube 100 Percent Solution 2ml



DeoxIT contact cleaner is a fast-acting deoxidizing solution that cleans, preserves, lubricates and improves conductivity on all metal connectors and contacts. Use as a general treatment for connectors, contacts and other metal surfaces, and on non-critical metal surfaces with severe oxidation and corrosion. If the metal surface is discolored, it is severe.

**D100L-2C  
Your Price \$4.95**

### CAIG Products DeoxIT® Gold G100L Squeeze Tube 100 Percent Solution 2ml



DeoxIT® contact cleaner is a fast-acting deoxidizing solution that cleans, preserves, lubricates and improves conductivity on all metal connectors and contacts. Use as a general treatment for connectors, contacts and other metal surfaces, and on non-critical metal surfaces with severe oxidation and corrosion. DeoxIT® dissolves the contamination and protects the surface.

**G100L-2C  
Your Price \$7.09**

### CAIG Products DeoxIT® 6ml Pen Contact Cleaner and Rejuvenator

DeoxIT® contact cleaner is a fast-acting deoxidizing solution that cleans, preserves,



lubricates and improves conductivity on all metal connectors and contacts. Use as a general treatment for connectors, contacts and other metal surfaces, and on non-critical metal surfaces with severe oxidation and corrosion. If the metal surface is discolored, it is severe. DeoxIT® dissolves the contamination and protects the surface. For reference, DeoxIT® has approximately 20% cleaning action.

Improves Conductivity | Deoxidizes, Cleans & Preserves | Reduces Intermittent Connections | Reduces Arcing & RFI | Reduces Wear & Abrasion | Temperature Range, -34 C (-29 F) to +200 C (400 F)

**D100P • Your Price \$17.99**

### CAIG Products DeoxIT® Audio Video Survival Cleaning Kit

A professional grade Deoxit® audio and video maintenance kit by famous Caig Labs. Save over 30% than if purchased separately! Housed in Lucite Storage Case (5 x 8 x 1") Prevents Atmospheric contamination from silently attacking your equipment. The ultimate collection of audio/video signal enhancers for all electrical connections. Improves the flow of electricity. Reduces noise and distortion. Improves clarity and definition. Extends dynamic range. Reduces wear and abrasion. Seals and protects connections.

- DeoxIT® DN5MS-15, (Applications = 150 +/-)
- DeoxIT® GOLD GN5MS-15, (Applications = 150 +/-)
- DeoxIT® FaderLube F5MS-H15, (Applications = 100 +/-)
- DeoxIT® D1W, Individual Wipes, 3 each
- DeoxIT® GOLD G1W, Individual Wipes, 3 each
- DeoxIT® D100L-2C, (Applications = 50 +/- drops, 0.04 ml/drop)
- DeoxIT® GOLD G100L-2C, (Applications = 50 +/- drops, 0.04 ml/drop)
- DeoxIT® FaderLube F100L-H2C, (Applications = 50 +/- drops, 0.04 ml/drop)
- Lint-free swabs, brushes and cloths • Display box (8.0 x 5.0 x 1.5")

**SK-AV35 • Your Price \$37.00**





**HOT!**


## JackReel-3 High Capacity Cable Reel

*Super Low Cost with Lots of Capacity!*

Use it for audio and video cables, IT & data cables, industrial control cables, medical imaging cables & power cables. JACKREEL-3 features an ergonomic cushion grip carry handle as well as an outer hub for cable fanouts.

• Holds up to 300 Feet of RG59 Coaxial Video cable • 300+ Feet of Quad-Star Mic cable • 100 feet of 14-3 SJ Power Cord

• Center Hub Diameter: 4.75" • Center Hub Depth: 5" • Outer Hub Diameter: 10.75" • Overall Reel Height: 15" • Feed-Through Hole Diameter: 0.469"

**JACKREEL-3 • Your Price \$59.95**

**JACKREEL**


## JackReel-XL1 High Capacity Broadcast Cable & Fiber Optic Cable Reel

*Rugged High Capacity Cable Reel for Broadcast, Fiber Optic & Pro-Audio Applications!*

The JACKREEL-XL1 features rugged steel and aluminum construction with round tubing protective frame, non-reflective black matte finish, adjustable cam-lock drag brake for fast cable roll-out and storage and large heavy duty locking caster wheels.

*Capacity for 5mm O.D. Cable: 4500 Feet*

*Capacity for 7mm O.D. Cable: 2500 Feet Capacity for 9.5mm O.D. Cable: 1100 Feet*

• Width: 21.75" • Depth: 17.875" • Center Hub Overall Width: 17.625" • Center Hub Main Hub Width: 14" Outside (13.375" Inside) • Center Hub Divider Width: 4" (3.312" Inside)

**JACKREEL-XL1 • Your Price \$449.95**

**Fiber Ready JackReel Cable Reel**



Super rugged, super lightweight high impact broadcast cable reel holds up to 500 feet of 2-Channel and 4-Channel tactical fiber. Fiber ready hub maintains critical bend radius necessary for fiber optical cables. Includes quick-adjust thumbwheel brake lock. Ergonomic soft-cushion carry handle.

*Capacity for 5mm O.D. Cable: 4500 Feet*

*Capacity for 7mm O.D. Cable: 2500 Feet*

*Capacity for 9.5mm O.D. Cable: 1100 Feet*

• 21.187" H x 21.75" W x 17.875" D  
• Cable Drum Overall: 17.625" W

• Main Drum: 14" W Outside (13.375" Inside)

• Split Drum: 4" W

**JACKREEL-F4 • Your Price \$89.95**

**JACKREEL-F4-MP1 • Your Price \$27.95**

Metal hub center plate for connector mounting

**JACKREEL**

## Rack-A-Tiers Wire Tub Coil Dispenser



Not only will it dispense heavy gauge power and video cable, the 3-way adjustable center hub accepts smaller wire sizes as well. The removable top plate allows over-runs to be wound back, or salvage old wire. The Wire Tub sits on the floor, and requires no installation time - set up is fast!

• 360° Feed Adjusts Automatically • 3-Way Adjustable Center Hub

**RACK-A-TIERS®**

• Removable Top Plate With Handle For Rewinding • Big 24" Diameter Capacity

**WIRE-TUB • Your Price \$117.99**

## Schill Plastic Rubberized Cable Reels

### Schill GT310 14x9 Plastic Rubberized Cable Reel

Specifications:

Reel: 12.2" diameter, Drum 6.69" diameter Overall Height: 14", Depth: 9", Weight: 3.5 Lbs.

Capacity Specifications (Cable Diameter / Max Length):

.280 / 393', .310 / 275', .390 / 186', .430 / 147', .510 / 98'

**SCHILL-GT310 • Your Price \$205.00**

### Schill GT380 19x11 Plastic Rubberized Cable Reel

Specifications:

Reel: 15" diameter, Drum: 9.29" diameter, Overall Height: 19", Depth: 11", Weight: 8.6 Lbs.

Capacity Specifications (Cable Diameter / Max Length):

.280 / 731', .310 / 570', .390 / 354', .430 / 285', .510 / 190', .590 / 137', .630 / 124'

**SCHILL-GT380 • Your Price \$349.00**

### Schill SK Series Steel Frame and Drum Flanges

Schill's ACVG4WS-B SK Series Stage Line Reel has an industrial-duty steel frame and drum flanges, with glass fiber-reinforced polycarbonate core. Stackable with high-quality fittings, spool brake, folding crank, and blank hub cover for your own modifications.

• Flange diameter: 18.11 inch (460mm)

• Core diameter: 9.4 inch (240 mm)

• Spool width: 19.84 inch (504mm)

• Weight: 48.5 lbs (22kg)

**SCHILL-SK4813-RM • Your Price \$1659.00**

### Schill Rugged Steel SK Reel with RM Adapter

The Schill SK 4701 RM cable reel is part of the SK Series Stage line - a larger format, stackable framed reel, perfect for professional cabling solutions. Featuring a rugged, steel-tube frame and an RM plate with "ears" for coiling outboard cable extensions and winding on both sides.

• Flange Diameter: 460 mm / 18.11 in.

• Core Diameter: 280 mm / 11.02 in.

• Spool Width 450 mm / 17.72 in.

• Weight: 19.4 kg / 42.8 lbs.)

**SCHILL-SK4701RM • Your Price \$1389.00**

### Schill Cable Drum Made of Sheet Metal Blind Cover

The HT 481 is a heavy-duty steel construction cable reel with interchangeable disks, high-quality fittings, a spool brake, and a folding crank. These reels are completely customizable.

• Flange Diameter: 18.11"

• Core Diameter: 9.45"

• Spool Width: 6.69"

• Weight: 19.2 lbs

**SCHILL-HT481SOBK • Your Price \$449.00**



## Hannay Reels Portable Cable Storage Reels



# Hannay Reels

Moving and laying cable on a tight schedule can be very demanding, not only for personnel, but also on the cable. Unique Cable Reels keep cable stored neatly when not in use, yet allow for quick deployment without tangle and twisting. All steel construction makes these reels extremely rugged. Each has a pillow-block bearing and a unique braking system meaning no spilled cable when winding. WD Series models have Silver finish - AVC models have black matte finish. FEATURES: Crank handle permanently attached

- Equipped with Cam-lock drag brake system
- Equipped with Velcro cable fastener
- Non-reflective black matte (AVC-16-10-11) or Silver (WD-1) finish



Model	Holds 0.245" O.D. (ft.)	Holds 0.45" O.D. (ft.)	Holds 0.58" O.D. (ft.)	Holds 0.67" O.D. (ft.)	Your Price
WD-1	600	150	-----	-----	\$170.00
AVC-16-10-11	600	150	-----	-----	\$184.00
AVC-16-10-11-DE*	600	150	-----	-----	\$179.00
AVC-16-14-16	1100	275	125		\$255.00
AVC-16-14-16-DE*	1100	275	125		\$234.00
WD-2	900	450	250	175	\$219.00
AVC-20-14-16	900	450	250	175	\$259.95
AVC-20-14-16-DE*	900	450	250	175	\$239.00

## SpoolMaster DC-1 Wire & Cable Spooling Dispensing Caddy



- Holds 100 Lbs.
- Welded steel construction
- One 1.2" diameter solid steel spool bar
- Powder coated finish
- Folds for convenient transport & storage
- The Wire Spool caddy will hold any spooled product up to 16.5"W x 20" diameter.

**SPOOLMASTER**

- Dimensions: 20"W x 18.5"D x 12"H • 8 Lbs.

**SPMA-DC1 • Your Price \$160.00**

## SpoolMaster RP-27 Cable Reel Roller Dispenser



- The SpoolMaster RP-27 cable reel roller is designed for large reels of cable up to 1500 Lbs
- Welded steel construction
- Front roller lock for easy reel loading and unloading
- Supports reels with diameters up to 48" (four feet)
- Slanted steel loading ramp
- (6) position rear roller adjustment (No Tools Required)

**SPOOLMASTER**

**SPMA-RP27 • Your Price \$710.00**



AVF-18CH Shown with casters & handle

## Hannay All-Metal Fiber Optic Reels

**Hub & Drum Accept Existing SMPTE Cables Without Connector Re-Termination!**

Hannay Reels announces new Broadcast Fiber Optic Series Reels. Designed specifically for the unique needs of Broadcast SMPTE, TAC and opticalCON cable

- These metal reels are lightweight and stand up to everyday wear and tear better than plastic reels
- Designed for Tactical Fiber and Hybrid Fiber cable types.
- Quality construction designed for harsh outdoor environments.
- External and/or internal drum storage with protective rubber grommet for easy access to lead out cable, while keeping dirt and debris out.

**HY-AVF-14 • Holds 350 Ft. SMPTE, 600 Ft. Tac-12, 9.5 Lbs. • Your Price \$393.00**

**HY-AVF-18 • Stackable, Holds 1000 Ft. SMPTE, 31 Lbs. • Your Price \$672.00**

**HY-AVF-18C • Model AVF-18 with Casters • Your Price \$726.00**

**HY-AVF-18CH • Model AVF-18 with Casters & Handle • Your Price \$769.00**

## Hannay AV Reel

*Designed for Broadcast & Pro-audio Applications!*

Side mounted custom punching/loading options (from our in-house metal department). Adjustable friction brake. Rugged steel & aluminum design. Black matte finish. Ergo design carry handles for one or two people. Built-in strain relief inside panel prevents cable damage. AV series reels are stackable for EZ load & go!

Specifications:

- Holds 600 ft. of .245" cable
- Holds 225 ft. of .375" cable
- Holds 200 ft. of .41" cable
- Holds 150 ft. of .45" cable

- Drum Dimensions: 6" Diameter x 7" Wide
- Overall Dimensions: 14.25"H x 14.25"W x 10.5"D
- Weight: 40 Lbs

**HY-AV1 • Your Price \$443.00**



**Hannay Reels**

## Hannay Portable Cable Reel



Direct crank heavy duty rewind reel is designed for all broadcast applications. One piece front foot, steel wheels with

rubber tires, removable handlebar for long term shipping, drag brake to slow reel payout. Opening in drum permits cable end to be inserted to facilitate winding. Excellent for snakes, multicore, power & more!

**HY-C1150: Holds 500' of .53", 400' of .60", 300' of .69 cable. Reel Truck Weight: 37lbs.**

**HY-ATC1250: Holds 950' of .53", 750' of .60", 550' of .69 cable. Reel Truck Weight: 57lbs.**

**HY-C1150 • Portable Cable Reel • Your Price \$365.00**

**HY-ATC1150 • All Terrain Tires • Your Price \$420.00**



## SpoolMaster RP-MPX Cable Reel Roller & Dispenser Pair

The SpoolMaster RP-MPX cable reel roller and dispenser is a simple surface mount product that's ideal for storage or dispensing audio, video & Ethernet cables on reels. This unlimited width reel roller system is sold in pairs and can accommodate cable drums with weights up to 6,000 lbs.



**SPOOLMASTER**

**SPMA-RPMPX • Your Price \$370.00**



## Bittree Flush-Mount Modular Keystone Panel

CAT 6 - 110 Punchdown - Unshielded - 1x24 - 1 RU - Black



- Keystone jacks mount flush with the surface of the panel
- Accommodates high-density (HD) keystone inserts with up to a 17 mm width
- Folded steel front panel with a durable black powder-coat finish
- Nickel-plated rear panel and two 45-degree fast on lugs enable bussed and bonded grounding schemes when used with shielded modular jacks



**BIT-DSKP124B-C6P • Your Price \$401.00**

## Bittree ProStudio 1RU 1x16 Audio Patchbay

16 Female XLR to DB25 Female - 3 Inch Deep



- Formed aluminum front panel with a durable black powder-coat finish
- Two piece fully enclosed "tub" style chassis, 3" (7.62 cm) deep
- Top and sides can be removed easily for internal customization
- Digital AES wire used for internal wiring



**BIT-PS16DB25QXF • Your Price \$487.00**



## My Custom Shop 4K/8K 12G-SDI Feed Through UHD BNC Patch Panel Series



- Designed for 4K/8K UHD, 12G-SDI Equipment Patching
- Corrosion Resistant • Utilizing feed-thru barrel connectors saves you time on installation versus traditional solder-back connections.
- Assures your truck, ENG mobile rig or studio are future ready!
- Built with Neutrik 75 Ohm 4K/8K UHD D-Style chassis mount BNC connectors

**8XUHD-BNCR • 8 Point x 1RU • Reg. \$189.49 Your Price \$171.95**

**16XUHD-BNCR • 16 Point x 2RU • Reg. \$329.49 Your Price \$298.95**

**16X1UHD-BNCR • 16 Point x 1RU • Reg. \$324.95 Your Price \$294.95**

**32XUHD-BNCR • 32 Point x 2RU • Reg. \$616.49 Your Price \$558.95**



## My Custom Shop 4K 12G-SDI Feed Through Recessed BNC Patch Panel Series



- Recessed panels are built with Canare 75 Ohm 12G-SDI chassis mount BNC female to female barrels
- Corrosion Resistant, Protective Recessed Design
- Designed for 4K UHD, 12G-SDI Equipment Patching
- Low Return Loss Canare 75 Ohm BNC Connectors
- Built-in Panel-Isolation Bushing
- SMPTE ST 2082-1, ST 2081-1, ST424, ST292 Compliant

**16XBNCR-CAN • 16 Point x 1RU • Reg. \$229.49 Your Price \$207.95**

**32XBNCR-CAN • 32 Point x 2RU • Reg. \$393.49 Your Price \$356.95**

## Canare 32MCKA Series 12G-SDI Staggered Micro Video Patchbays

75 ohm Staggered Video Patchbay. It features 32-across 12G-SDI video patching solutions with newly upgraded staggered dual video jacks, 2x32 1RU patchbays, patch cords, and accessories. This reliable product line meets and exceeds SMTPE ST 2082-1 with low return loss.

- 12G-SDI: SMPTE ST 2082-1 compliant.
- 32 channels of I/O.
- Staggered BNC rear jacks with vertical stud position.
- Improved visibility of the position mark on the BNC plug body.
- Dust-proof shutter.
- Suitable patch cord: Canare Micro patch cord 'MCVPC'.
- Included a sheet of channel designator for easy identification.

**32MCKA-ST • 1RU - Straight Through • Reg. \$3439.70 Your Price \$2999.00**

**32MCKA-ST • 1RU - Normal Through • Reg. \$3439.70 Your Price \$2999.00**

**32MCKA-ST-2U • 2RU - Straight Through • Reg. \$3439.70 Your Price \$2999.00**

**32MCKA-ST-2U • 2RU - Normal Through • Reg. \$3439.70 Your Price \$2999.00**

**32MCKA-ST-1-5U • 1.5RU - Straight Through • Reg. \$3439.70 Your Price \$2999.00**

**32MCKA-ST-1-5U • 1.5RU - Normal Through • Reg. \$3439.70 Your Price \$2999.00**



## Canare 32MD-ST 1RU 2x32 Normalled HD-SDI Mid Size Video Patchbay

- 32 channels of I/O into 1 or 2 RU, 96 channels of I/O into 4 RU.

- Rotary Switch Technology with dual-contact construction

- Can be recessed 25 mm (1 RU, 2 RU type)
- Wide designation strip (2 RU, 4 RU type)
- Lightweight aluminum alloy video jacks.

**32MD-ST • Reg. \$1342.00 Your Price \$1070.55**



## Canare 1RU 16 Point Flush-Mount 12G BNC Feedthru Panel



The Canare 161U-BJRU AV Bulkhead Panel with (16) BNC-BNC Connectors from Canare offers the ability to bridge (16) BNC inputs and outputs. This unit features a footprint of 1U and can be mounted in a standard 19" equipment rack. This solution is well suited for use in headends, multimedia edit suites, master controls rooms, and telecom installations, among other possible applications and settings. Its construction is designed to withstand rigorous use and features cold-rolled steel construction, reinforced folds, and a black matte powder-coat finish. Clear plastic desi-strips and channel ID numbers allow you to better organize your installation.

**161U-BJRU • Your Price \$188.00**

## Canare BCJ Series Video Patch Plug to BNC Adapters



- DC to 3.0GHz >26dB Return Loss matches the electrical and mechanical performance of our MDVJ-W and MDVJ-S Mid Size Video Jacks.
- Beryllium Copper, Gold Plated Center Contacts
- Usable with Canare Video Patchbays

**BCJ-MVP • Mid-Size to BNC Female • Your Price \$5.77**

**BCJ-VWP • WE Video Patch Plug to BNC Adapter • Your Price \$7.13**

**BCJ-MCVP • 12G-SDI Micro Video Patch Plug to BNC Female • Your Price \$11.49**





## My Custom Shop 8-Port RJ45 CAT5e Feed-Through

Neutrik NE8FDP and Rear Lacing Bar - 1RU



The My Custom Shop 8XRJ45-L is a handy RJ45 patch panel for any studio, OB truck or production rack needing a simple way to route signals between cameras, recorders, CCUs and more. The 8XRJ45-L gives access to up to 8 critical patch points and a rear lacing bar for cable management. Corrosion Resistant Durable Black. Powder Coated Finish. ID Strip for Connector Identification.

**8XRJ45-L • Reg. \$248.95 Your Price \$225.95**

## My Custom Shop XLR Patch Panels



My Custom Shop 8-Point and 16-Point patch panels provide an easy way to re-route your audio signals from the front of your rack or to deliver and easy means of patching in audio sources to other devices. **No need to solder.**

## 16-Point XLR Patch Panels

**CTX-16XFXF • Female Front & Rear, 1RU • Reg. \$168.49 Your Price \$152.95**

**CTX-16XMXF • Male Front, Female Rear 1RU • Reg. \$188.49 Your Price \$170.95**

**CTX-16XFXM • Female Front, Male Rear 1RU • Reg. \$193.49 Your Price \$175.95**

## 8-Point XLR Patch Panels

**CTX-8XFXF • Female Front & Rear, 1RU • Reg. \$100.49 Your Price \$90.95**

**CTX-8XMXF • Male Front, Female Rear 1RU • Reg. \$109.95 Your Price \$99.95**

**CTX-8XFXM • Female Front, Male Rear 1RU • Reg. \$113.49 Your Price \$102.95**

## My Custom Shop BNC Feed-Thru Patch Panels



My Custom Shop proudly builds video rack panels and patchbays in their US facility using only quality components from suppliers such as Neutrik, Switchcraft, Canare, and Senko. With 20 years of experience in the custom metal plate and panel industry, My Custom Shop now offers a diverse variety of standard models in 1, 2, and 3RU sizes, with connector options including BNCs, RCAs, F-connectors, HDMI and more.

**16XB • 75-Ohm BNC, 16-Point, 1RU • Reg. \$125.49 Your Price \$113.95**

**32XB-75 • 75-Ohm BNC, 32-Point, 2RU • Reg. \$207.49 Your Price \$187.95**



## My Custom Shop Unloaded Patch Panels

My Custom Shop Rack Panels are available in 1, 2 or 3RU sizes, and pre-punched for Neutrik D-Series connectors, Canare BCJ-Series connectors, feedthru barrels, or unpunched. Proudly built in our USA facility, our rack panels feature quality components, workmanship and detailed finishing to meet the needs of today's Pro AV, Pro Audio, and Broadcast industries.

**8X • 8 Port, 1RU, pre-punched for Neutrik D-Series ..... \$17.95**

**16X • 16 Port, 2RU, pre-punched for Neutrik D-Series ..... \$19.49**

**16X-1 • 16 Port, 1RU, pre-punched for Neutrik D-Series..... \$16.95**

**16CJ • 16 Port, 1RU, pre-punched for Canare BCJ-Series..... \$87.95**

**32X • 32 Port, 2RU, pre-punched for Neutrik D-Series ..... \$20.49**

**32CJ • 32 Port, 2RU, pre-punched for Canare BCJ-Series..... \$121.95**

## AVP Mini-BNC UHD Micro 12G Video Patch Panels

- 2 x 48 - Normalled - Terminated



## UHD Micro 12G Series Patch Panels

**are extremely versatile and allow for high bandwidth video applications with exceptionally low return loss. Each panel is tested and guaranteed to exceed SMPTE requirements.**

- 12GHz, high bandwidth performance for SD-SDI, HD-SDI, UHD-SDI, HDR, & 4K/8K video applications • Compliant with SMPTE 292M, 424M, ST2081-1 & ST2082-1
- Return Loss of 7dB or greater at 12.0GHz • Isolation: 45dB or greater at 6.0GHz
- AVP color-coded, numbered and patented designation to maximize viewable area
- Lifetime Warranty • Also suitable for L Band

**AVU248E1UHN2BZ • 1RU • Reg. \$6423.00 Your Price \$5510.00**

**AVU248E2UH75R2BZ • 2RU • Reg. \$6454.00 Your Price \$5535.00**

## Belden CAT5E REVConnect Patch Panel - Flat - 48-Port - 2RU

Not ready to migrate to Category 6 or 6A solutions yet? Ensure maximum network performance and stability in legacy IP applications, renovations and price-sensitive environments with a Category 5e system that exceeds standards. The Belden RV5PPF2U48BK is a preloaded REVConnect 2RU 48-port CAT5E flat patch panel that is suitable for 1200 System, TIA Category 5E, ISO Class D, and 1GBASE-T applications.



**BELDEN**

**BL-RV5PPF2U48BK • Reg. \$519.00 Your Price \$405.88**



## My Custom Shop Ethernet Patch Panel

8 Point Neutrik NE8FDP RJ45 CAT5e Ethercon Feedthru Panel



Patch panel featuring 8 Neutrik NE8FDP female RJ45 to RJ45 Ethercon connectors. Mounted on 16 gauge rack mount panel. The Neutrik etherCON Series is a ruggedized and lockable RJ45 connector system, optimized for pro audio, video and lightning network applications.

**8XRJ45 • Your Price \$185.95**

## My Custom Shop Audio Patch Panels



## 24-Point XLR & 1/4-TRS Combo to XLR & 1/4-TRS Combo Feed-Thru Patch Panel

1/4" TRS and 3 pin XLR connectors are probably the most widely used connectors on the pro audio playing field, either in the studio or on stage. When Neutrik came out with the NCJ6FI-S combo connector it was game changer but have you ever tried to wire them? If you have, then you know it's not an easy process.

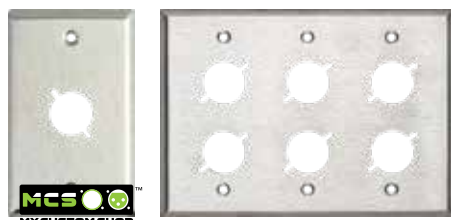
**PBXLR-12COMBO • Your Price \$407.95**



**16XLRF • XLR Female Panel - Neutrik NC3FD-L-1 - 16-Point - 1RU • \$145.95**

**16XLRM • XLR Male Panel - Neutrik NC3MD-L-1 - 16-Point - 1RU • \$136.95**

## STAINLESS STEEL WALL PLATES


**Stainless Steel Wall Plates  
Pre-Punched with D Series Cutouts**

WP1X1	1-Gang, 1-Cutout .....	\$12.95
WP2X2	2-Gang, 2-Cutouts .....	\$17.95
WP2X4	2-Gang, 4-Cutouts .....	\$17.95
WP3X6	3-Gang, 6-Cutouts .....	\$24.95


**Stainless Steel Plate  
with Rear Screw  
Terminal 3-Pin XLR  
Females**

- Single Gang Stainless Steel Wall Plate
- Dual Neutrik NC3FD-S-1-B XLR Connectors

WPL-1116-TB • \$36.95


**2-Gang with 4 Neutrik Latching  
3-Pin XLR Females\***

WPL-2111 Steel..... \$40.95

**Stainless Steel Plates with  
HDMI 2.0 Feedthru Barrel  
Connectors**

- Superior Quality
- Single Gang Stainless Steel Wall Plates
- HDMI 2.0 Feedthru

WPL-1199 1-HDMI ..... \$23.95

WPL-1200 HDMI..... \$36.95

**Stainless Steel Plate with  
Neutrik NE8FDP Barrel  
Connectors**

- Superior Quality
- Single Gang Stainless Steel Wall Plate
- Dual NE8FDP etherCON RJ45 Feedthru Connectors

WPL-2111 • Your Price \$40.95


**1/4" TRS & 3.5mm Plates\***
**Rear Solder Points**

WPL-1109 1 Switchcraft SW12B 1/4" ..... \$14.95

WPL-1110 2 Switchcraft SW12B 1/4" ..... \$19.95

WPL-1111 1 Neutrik NJ3FP6C Latching..... \$24.95

**MCS Feed-Thru Barrel Plates**

WPL-1196 1 3.5mm Stereo Barrel ..... \$30.95


**Speaker Connector Plates\***

WPL-1123 1 Neutrik Speakon "D-Series" NL4MP  
4-Pole Speaker Jack..... \$18.95

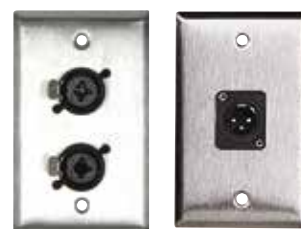
WPL-1124 2 Neutrik Speakon "D-Series" NL4MP  
4-Pole Speaker Jacks..... \$26.95

WPL-1161 1 Pomona Dual Banana Jack with  
1 Red & 1 Black..... \$27.95


**2-Gang with Neutrik 12G-SDI  
Recessed BNC Barrels\***

WPL-2107-NB 2 BNC Barrels..... \$58.95

WPL-2108-NB 4 BNC Barrels..... \$89.95


**Neutrik XLR Plates\***

WPL-1113 1 NC3MD-L-1 Male XLR..... \$18.95

WPL-1114 2 NC3MD-L-1 ..... \$27.95

WPL-1115 1 NC3FD-L-1 Female XLR ..... \$20.95

WPL-1116 2 NC3FD-L-1 ..... \$28.95

WPL-1117 1 NC3FD-L-0 "Latchless"  
Female XLR ..... \$19.95

WPL-1118 2 NC3FD-L-0 "Latchless"  
Female XLRs..... \$27.95

WPL-1119 1 NC3MPP Plastic Male XLR ..... \$17.95

WPL-1121 1 NC3FPP "Latchless" Plastic  
Female XLR ..... \$16.95

WPL-1122 2 NC3FPP "Latchless" Plastic  
Female XLR ..... \$29.95

WPL-1197 2 NCJ6FI-S Combo XLR / 1/4"  
Connectors..... \$36.95


**RF Coaxial (F) Barrels\***

WPL-1107 1 MCS F Coax Barrel..... \$13.95

WPL-1108 2 MCS F Coax Barrels..... \$22.95


**BNC Feed-Thru Barrels\***

WPL-1101 1 MCS BNC Barrel..... \$14.95

WPL-1102 2 MCS BNC Barrels ..... \$17.95

WPL-1103 1 Canare BCJ-JRUK 12G-SDI Recessed  
BNC Feed-Thru Barrel..... \$23.95

\* Wall Plates are also available in Brass, Anodized Aluminum and Lexan



## FIBER WALL PLATES



- Dimensions: 4.500" x 2.75" • Mounting screws supplied
- Brushed finish • Mounting holes countersunk and spaced to center the plate on standard gang electrical wall boxes.
- Laser Engraving is available at an additional charge



## BOARDROOM WALL PLATES



### Board Room Series Black & Clear Anodized Wall Plates

The Board Room Series are designed to marry function and elegance for those needing the touch of class your board room or conference room exhibits. They are the plate of choice when eye appeal matters.



- Clear & Black anodized 1/8" wall plates with a machined bevel edge finish
- Meticulous brushed surface finish
- Matching mounting hardware
- Applications Board Rooms, Recording Studios, Home Theaters, Conference Rooms, Theaters, etc
- All connectors are permanently labeled with our state of the art laser engraver
- Custom Configurations with rapid turnaround always available from our in-house shop



Black Anodized	Clear Anodized	Description	Your Price
BRP-1213/BA	BRP-1213/CA	1 Gang with HDMI/ VGA & Mini	\$41.95
BRP-1115/BA	BRP-1115/CA	1-Gang with 1 Neutrik 3-Pin Latching XLR Female Connector	\$37.95
BRP-1116/BA	BRP-1116/CA	1-Gang with 2 Neutrik 3-Pin Latching XLR Female Connectors	\$41.95
BRP-1138/BA	BRP-1138/CA	1-Gang with 1 High Density 15-Pin Feed-Thru Barrel	\$34.95

### My Custom Shop Stainless Steel Fiber Optic Wall Plates



Deliver next generation fiber to your facility's infrastructure with fiber connected stainless steel wall plates from MCS.

Superior quality featuring Neutrik opticalCON, Senko and

Switchcraft fiber feed-through barrel connectors for quick patching of your signals - no termination necessary.

WPL-1222	1-Gang Wall Plate - 1 SC APC Multimode Fiber Connector	\$38.95
WPL-1223	1-Gang Wall Plate - 1 SC Multimode Fiber Connector	\$37.95
WPL-1216	1-Gang Wall Plate - 1 Duplex LC Single mode Fiber Connector	\$33.95
WPL-1218	1-Gang Wall Plate - 1 Duplex LC Multimode Fiber Connector	\$33.95
WPL-1219	1-Gang Wall Plate - 1 ST Single mode Fiber Connector	\$34.95
WPL-1214	1-Gang Wall Plate - 1 OpticalCON DUO Fiber Connector & Dust Cap	\$231.95
WPL-1215	1-Gang Wall Plate - 1 OpticalCON Quad Fiber Connector & Dust Cap	\$202.95

### RDL Decora Rear Terminal Block XLR Plates

- XLR 3-Pin Panel Mounts on Decora Wall Plate
- Terminal Block connections on Rear
- Available in Black, White & Stainless Steel



D-XLR2F	2 XLR Female, White	\$26.81
RDL-DB-XLR2F	2 XLR Female, Black	\$26.98
D-XLR3F	1 XLR Female, White	\$19.39
D-XLR2	1 Male, 1 Female, White	\$22.01
RDL-DB-XLR2	1 Male, 1 Female, Black	\$27.16
RDL-D-XLR2M	2 XLR Male, White	\$28.85
RDL-DB-XLR2M	2 XLR Male, Black	\$21.25



## MIDLITE INSTALLER PLATES

### Midlite 1-Gang Wireport Wall Plate with Grommet

The new Wireport with grommet are the preferred choice in applications where the Wireport plate is exposed to the viewer. The open area is covered where cables are not present and there is not a bulky look to it. The cables can be fed from the floor up and the ceiling down with ease! Hole Size : 1.4" Diameter



1GWH-GR1	1-Gang White	Your Price \$4.50
1GIV-GR1	1-Gang Ivory	Your Price \$4.50
1GBK-GR1	1-Gang Black	Your Price \$4.50

### Avoid a Midlite Crisis at Markertek!

#### Split-Port Cable Pass Through Plates



The new patent pending SPLITport plate provides the technician the freedom to install the plate after the cabling is connected. No matter the width of the connector, RGB, VGA and the new HDMI and DVI cables you just assemble the SPLITport around the cables and fasten to the backless electrical box. SPLITport saves a lot of time & provides even a closer wrap around the cabling.



MID-1GSPWE	1-Gang White	Your Price \$3.74
MID-1GSPIV	1-Gang Ivory	Your Price \$4.60
MID-1GSPBK	1-Gang Black	Your Price \$4.60
MID-2GSPIV	2-Gang Ivory	Your Price \$5.28
MID-2GSPBK	2-Gang Black	Your Price \$5.28



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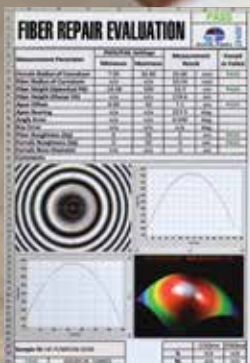


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