



Connected Media IP Catalog

Broadcast Supply Specialists.™

CUTTING EDGE TOOLS!

BROADCAST • WORSHIP • EDUCATION • LIVE EVENT • PRO-AUDIO

Blackmagic Design



Page 40

Low Cost Live 4K Switching!

Audinate



Page 55

Inline DANTE Audio Converters!

Sescom Audio



Page 23

Mic & Line Audio Over Fiber!



Look Inside for the Latest Production Essentials!

800-522-2025

www.markertek.com

email: sales@markertek.com

PROUD TO BE 100%
EMPLOYEE OWNED

NCEO NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP



How To Order:

Online:

www.markertek.com

Fastest & Most Intuitive Search Engine
in the Industry.

Email:

sales@markertek.com

Phone:

Toll Free: 800-522-2025

(USA, Canada, Mexico, Caribbean)

International: 845-246-3036

Se Habla Español

Fax:

845-246-1757

Mail:

1 Tower Drive

Saugerties, NY (USA) 12477

All Major Credit Cards Accepted



eprocurement
ready

Government and Corporate Purchase
Orders Welcome

We'll get your account opened FAST!

*Your Complete
Satisfaction
is Our #1 Goal.*



FOLLOW US



Dealer Sales:

Markertek has an authorized reseller
wholesale program available to those
dealers who have a valid tax I.D. num-
ber, business certificate and other proper
credentials.

Log On for more information:

www.markertek.com/dealer.asp



Broadcast Supply Specialists™

JOIN
THE IP
REVOLUTION!

Markertek is **THE** most important supplier in the broadcast industry. Our massive selection of interface and integration solutions is second-to-none for broadcasting, digital media, IPTV, post-production, education, worship, military, government, live events, virtual and augmented reality. We have all of the newest and most exciting solutions to help you process everything that is reshaping the new reality of media. Don't forget about our custom capabilities for non-standard applications! We are fast and easy to work with.

No Supplier Puts it all Together Like Markertek!

We Do More.

Meet Jim!
President of
Markertek, Jim
Veltrie, helped start
Markertek in 1987.

Research & Develop!
Listen & Problem Solve!
Customize & Repair!



**PROUD TO BE 100%
EMPLOYEE OWNED**

NCEO | NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP



Welcome to Team Markertek

Leading the Broadcast Industry with
Award Winning Customer Service

Markertek is ready to serve you with a Sales Engineer dedicated to delivering the **best** experience you have ever had from a supplier. Benefit from this personalized one-on-one service by getting the right products & advice tailored to your specific needs.

Get connected today at
markertek.com/specialized-sales



- ✔ Government/Military
- ✔ Education
- ✔ Houses of Worship
- ✔ Broadcast
- ✔ Live Event
- ✔ Corporate
- ✔ Sports Video
- ✔ Latin American Sales

Markertek Custom Metal, Fiber & Cable Shops



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.

California Residents: Prop 65 Notice

 **WARNING** Markertek is an ethically and socially responsible supplier. In accordance with California Proposition 65, some products shown in this catalog may contain chemicals believed by the State of California to cause cancer or reproductive harm. Most products we supply contain no known Prop 65 chemicals or pose no significant personal risk as they fall below the proposition's safety threshold; however, we feel it is incumbent on us to alert you just the same. Products known to contain chemicals found on the Prop 65 list where a warning is necessitated will have a label on the product itself or the product packaging. Learn more at <https://www.p65warnings.ca.gov>

LOOK HERE TO FIND

IP Video	2-5
Video Converters, Switchers	6-13
Video Distribution, Extenders	14-23
Video Monitoring & Recording	24-33
Live Streaming, Video Mixers	34-43
Intercoms, Lighting, Tripods	44-50
Gaffer Tape, Cleaner	51-53
Audio Interface, Wireless Mics	54-65
Live Sound, Portable PAs	66-69
Racks, CAT5 & Fiber Cables	70-77
Complex & opticalCON Fiber	78-84
Patchbays, AV Cables, Connectors	85-94
Custom Metal, Video Production Trailers	95-96

Luminex GigaCore 10 Ethernet Switches



LUMINEX NETWORK INTELLIGENCE The Luminex GigaCore 10 is by far the most versatile Luminex Gigabit switch ever built. The half 19 unit with front and rear connectivity is designed to be mounted in a truss, in a rack or even on a wall. The robust metal enclosure and rugged Ethercon and (optional) Fiber connectors make this unit excel in truss mounted applications with Ethernet enabled devices, such as moving lights, PA systems, microphones, cameras or general stage connectivity. But also to ensure ultimate redundancy the GigaCore 10 is an excellent choice. Just by coupling two units, AV professionals can create a full 19 rack combination with a primary and secondary unit.

- Most suitable applications: Touring and live events
- RLinkX (Link redundancy)
- Groups (VLAN segmentation)
- MultiLinkX (Link aggregation)
- Profile manager
- Memory: 4Mb
- MAC address table:
- Address learning / Aging: Self learning, Auto aging
- Switching throughput: 22Gbps
- IGMP support: Yes (V1/V2/V3)
- IGMP snooping: Yes, enabled by default
- Port sensing: Auto negotiation
- Auto crossover: MDI / MDIX
- Auto sensing: Full or Half Duplex (Gigabit is Full Duplex)

LMX-GC-10	GigaCore 10	Reg \$1875.00	Your Price \$1687.50
LMX-GC-10-POE	GigaCore 10 PoE	Reg \$2575.00	Your Price \$2317.50
LMX-GC-10-NQM	GigaCore 10 NQM	Reg \$2675.00	Your Price \$2407.50
LMX-GC-10-NDM	GigaCore 10 NDM	Reg \$2775.00	Your Price \$2497.50
LMX-GC-10-NQS	GigaCore 10 NQS	Reg \$2875.00	Your Price \$2587.50
LMX-GC-10-NDS	GigaCore 10 NDS	Reg \$3075.00	Your Price \$2767.50
LMX-GC-10-POENQM	GigaCore 10 POE NQM	Reg \$3275.00	Your Price \$2947.50
LMX-GC-10-POENQS	GigaCore 10 POE NQS	Reg \$3575.00	Your Price \$3217.50
LMX-GC-10-POENDM	GigaCore 10 POE NDM	Reg \$3575.00	Your Price \$3217.50
LMX-GC-10-POENDS	GigaCore 10 POE NDS	Reg \$3875.00	Your Price \$3487.50

NETGEAR 8 Port PoE/PoE plus Gigabit Ethernet Unmanaged Switch



- The NETGEAR Gigabit Unmanaged Switch series helps businesses cost-effectively expand their network to Gigabit speeds and higher port counts.
- The GS108PP supports high-power PoE for an affordable PoE solution.
- NETGEAR Unmanaged Switches also support the latest Energy Efficient Ethernet (IEEE 802.3az) standard, which reduces energy consumption when there is light traffic on an active ports or when there is no link or no activity detected.

NG-GS108PP100NAS • Reg \$202.78 **Your Price \$129.99**

D-Link 24 Port Gigabit Websmart Switch with 4 SFP

The D-Link DGS-1210-28 Series Smart Managed Switches are the latest generation of switches to provide increased Power over Ethernet (PoE) output, a range of physical interface types, multiple management interfaces, and advanced Layer 2 features. With all of these features combined, the DGS-1210 Series provides a cost-efficient and flexible solution for expanding any business network.



DLNK-DGS-1210-28 • Reg \$259.99 **Your Price \$229.00**

LUMINEX NETWORK INTELLIGENCE

Setup a Pro AV Network Without any IT Knowledge!

- **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 (without IT knowledge).
- **12, 14R, 16Xt are Touring approved:** Metal housing and ruggedized Ethercon connectors, ideal for touring and live events. **26i is Ideal for fixed installations:** Designed for fixed installations in buildings, theaters, cruise ships, theme parks
- **Converged networking:** Transfer multiple protocols (Dante™, RAVENNA/AES67, ArtNet, MANet 1&2, sACN, Q-LAN)
- **Ultimate link redundancy:** RlinkX redundancy protocol automatically takes over signal in milliseconds in case of a link failure.



LUMINEX NETWORK INTELLIGENCE **Luminex GigaCore 12 Rackmount Touring 12-Port EtherCON Gigabit Ethernet Switch**

The GigaCore 12 is a managed Gigabit Ethernet switch designed to setup professional lighting and AV networks, but in a truly user friendly way. The unit offers 12 Gigabit ports on shielded Neutrik Ethercon ports, making the product a hard environment friendly device. All configurations are done through the industry oriented web interface.

Focus on being creative again. Stop wasting time on programming your network or spending money on IT consultants to do it for you. With Luminex GigaCore switches and only some basic AV knowledge, you can do it all by yourself in just the blink of an eye. Now you can finally focus on your core business as an AV technician or designer: "being creative"!

Free software included LumiNet Monitor is a free software pack that will increase the comfort of working with Luminex equipment and together with the easy-to-use web interface for GigaCore's, it adds high value to your project monitoring and preparation.

LUM-GC-12 • GigaCore 12-Port EtherCON Switch.....**Your Price \$2100.00**
LUM-GC-12POE • GigaCore 12-Port POE EtherCON Switch.....**Your Price \$2790.00**



LUMINEX NETWORK INTELLIGENCE **Luminex GigaCore 26i Install 24-Port & 6-SFP Port Gigabit Ethernet Switch**

The Luminex GigaCore 26i 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.

Same technology, different applications The GigaCore 26i has considerably more ports then all its predecessors in the GigaCore range. This high port density switch (24x RJ45 and 6x SFP) is designed to offer more capacity for large system integrations such as theaters, concert halls, convention centers, sports arenas, studios, cruise ships, theme parks, hotels, houses of worship and other fixed installations.

LUM-GC-26I • GigaCore 24-Port & 6-SFP Port Switch**Your Price \$3680.00**
LUM-GC-26IPOE • GigaCore 24-Port & 6-SFP Port POE Switch **Your Price \$4850.00**

Barix Barionet 50 Programmable I/O Device Server



- Universal, programmable I/O device server with web server, Modbus/TCP and SNMP support. Serial ports, digital I/O and Dallas 1-wire support.
- Applications: Temperature monitoring, logging and HVAC control, Contact closure monitoring, PV power management.
- Two serial ports, 4 digital inputs, 4 relay outputs and Dallas 1-wire support

BARIX-BAR-50 • Your Price \$189.00

BARIX
THE VOICE OF SIMPLICITY

Barix Barionet 100 Programmable I/O Device Server



- Universal, programmable I/O device server with web server, Modbus/TCP and SNMP support. Serial ports, analog and digital I/O, Relays and Dallas 1-wire support. UL listed.
- Applications: Environmental monitoring, logging and alarming, Contact closure monitoring, Access Control/Door controller, Temperature monitoring, logging and HVAC control, PV power management.

BARIX-BAR-100 • Your Price \$305.00

BARIX
THE VOICE OF SIMPLICITY

- Two serial ports, 2 relay and 4 digital outputs, 4 digital and 4 digital + analog inputs and Dallas 1-wire support, UL listed

Netgear 5-port Gigabit Ethernet Switch (10/100/1000 Mbps)

The GS105 ProSafe 5 Port Gigabit Desktop Switch is a compact powerhouse with the long-lasting performance you can really count on. It features five auto-speed-sensing 10/100/1000 Mbps UTP ports. Its advanced design lets you integrate 10, 100, and 1000 Mbps devices onto your network painlessly. Its trim design makes it an easy fit for a desk or mounted on a wall.

NG-GS105 • Reg \$58.59 Your Price \$56.10

The ProSafe FS108P provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. The eight Fast Ethernet ports can be used for any 10/100 Mbps link and four of these ports can supply industry-standard IEEE 802.3af power. Advanced auto-sensing algorithm gives power only to 802.3af end devices, so no need to worry about damaging proprietary PoE or non-PoE equipment.

NG-FS108P • Reg \$125.00 Your Price \$109.00

NetGear ProSAFE Plus Rackmount 24-Port Gigabit PoE Web Managed Switch with 12 PoE Ports

- Enable network configuration and management at the price point of Unmanaged Switches
- Gigabit connection delivers up to 2000 Mbps of dedicated, non-blocking bandwidth per port
- Simple, yet useful network set-up on top of plug-and-play connectivity
- Flexible management via PC-based Utility Tool
- VLAN support for traffic segmentation • Quality of Service for traffic prioritization
- Auto "denial-of-service" prevention • Troubleshoot connection issues via cable test
- Loop detection and broadcast storm controls

NG-JGS524PE-100N • Reg \$389.97 Your Price \$279.99



Linksys 8-Port Business Smart Gigabit PoE Switch

The LGS308P is designed for business-class management, security, speed, and quality of service, with 8 PoE+ gigabit ethernet ports.

- Integrated Power Over Ethernet Plus
- Easy Configuration and Management
- Advanced Network Security
- Advanced QoS • Meets EEE (Energy Efficient Ethernet) 802.3az standard

LNKS-LGS308P • Reg \$239.20 Your Price \$199.99



MOTU AVB Switch Five-port AVB Ethernet Switch



- Industry standard IEEE 802.1 AVB Ethernet switch.
- Plug-and-play - supports automatic device discovery and network bandwidth management among connected AVB devices. No IT expertise required.

MOTU

- Standard cabling - use standard CAT-5e or CAT-6 Ethernet cables up to 100 meters.
- 1-Gigabit operation - supports high audio channel counts and very low latency.
- Guaranteed quality of service - all existing audio and video streams are maintained, regardless of other network traffic.
- Network-wide clock and sync accurate to nanoseconds.

MOTU-AVB-SWITCH • Your Price \$395.00

RDL Mic/Line Bi-Directional DANTE Network Interface

- Interfaces Four Dante Inputs and Four Dante Outputs
- Converts Four Standard Mic or Line Audio Sources to Dante Network Channels
- Each Input is Switch-Selectable for Mic or Line • No User or Installer Gain Adjustments are Required
- Automatic Mic Gain of 40 dB for Condenser Mics and 60 dB for Dynamic Mics
- P48 Phantom is Provided on Each Microphone Input
- Line-Level Inputs Accept Unbalanced -10 dBV or Balanced +4 dBu Signals with > 18 dB Headroom

RDL-RU-MLB4 • Reg \$824.50 Your Price \$582.20



PreSonus 5-Port AVB Switch with PoE



PreSonus' SW5E AVB switch supplies five AVB ports with secure Ethercon jacks for compatibility with both standard RJ-45 cables

and the more rugged Ethercon cables commonly found in audio production houses for live sound.

- 5 AVB Ethercon jacks • 4 ports with PoE • PoE power indicators
- Network Link/Activity indicators • PoE power on/off

PRE-SW5E • Reg \$599.95 Your Price \$399.95

NCEO NATIONAL CENTER FOR EMPLOYEE OWNERSHIP

Meet Chris!
Live Event Sales
Engineer since 2010



kvm-tec Matrixline Extender Single Fiber Set

- The 6811 is a KVM extender set containing one MX2000-F remote KVM extender unit and one MX2000-F local KVM extender unit.
- Max resolution 1920 x 1200 @ 60Hz
- Transparent USB 2.0 extension
- Full HD video in real time
- DVI extension without loss of quality
- Ultra compact up to 4 channels in a 19" 1RU

- Automatic Plug & Play installation
- Only a duplex fiber cable for USB and video
- Local (CPU) - remote (CON) monitor output
- Firmware Flash upgradeable without cable

KVM-6811 • Your Price \$1414.00

kvm-tec Ultraline 4k Extender Single Fiber SET



- Max. 4096 x 2160 resolution @ 60Hz /4:4:4
- Max.distance 984ft in copper
- USB 2.0 transparent up to 480mb/sec
- 4K videos in real time • RS232
- Displayport 1.2 Extender over IP
- USB Memory • Only one fiber cable for USB and video
- Local (CPU) - remote (CON) Monitor output
- Firmware Flash upgradeable without cable • Ultra compact up to 2 Extender in 19" 1RU
- Mouse glide and Switch • Automatic Plug & Play installation
- Matrix switching system up to 480 endpoints

KVM-6902 • Your Price \$4215.00



Kramer 4K60 4:2:0 - H.264 Video Encoder & Decoder Supporting PoE and Video Wall



- Max. Data Rate - HDMI 4K@60Hz (4:2:0) output.
- Flexible Audio Support - HDMI or analog line in.

- Standard AVC Support - H.264 & AAC codecs.
- Virtualization - RS-232 over IP. • Managed switch: 1G, multicast, IGMP snooping, layer 2. Configurable DHCP, Static or Auto IP.

KR-KDS-EN5 • Encoder • Reg \$898.00 Your Price \$628.60
KR-KDS-DEC5 • Decoder • Reg \$898.00 Your Price \$718.40

Gefen VGA KVM over IP - Receiver Package

- Extends VGA, USB, RS-232, 2-way analog audio, and IR, using a Gigabit Local Area Network



- Independent video, USB, RS-232, IR, and audio routing
- Backward-compatible with first generation Gefen AV over IP products
- Supports VESA and CEA input and output resolutions up to WUXGA and 1080p Full HD

GEF-EXTVGAKALANS • Reg \$599.00 Your Price \$470.49

NTI HDMI USB KVM Extender Via One CATx to 300 Feet

The XTENDEX® HDMI USB KVM Extender provides remote KVM (USB keyboard, USB mouse and HDMI monitor) access to a USB computer up to 300 feet over CAT5/6/7 cable. Each ST-C6USBH-300 consists of a local unit that connects to a computer, and a remote unit that connects to a keyboard, monitor and mouse. The local and remote units are interconnected via CAT5/6/7 cable.



NETT-STC6USBH300 • Your Price \$555.00



Black Box KVM-over-IP Extender Transmitter - Single-Head DVI-D USB 2.0



- Offers point-to-point extension over IP (in real time over a LAN or with low latency over the Internet), switched extension with up to 32 virtual RDP machines/physical computers via the transmitter
- Provides seamless integration of physical and virtual desktops
- Enables soft migration from desktop computing to virtual computing without sacrificing performance
- Excellent video quality with low bandwidth requirements (with maximum 40 Mbps for 1080p motion-picture resolution.)

BBX-DTX1000SA-T • Reg \$751.63 Your Price \$722.49

Black Box EC Series KVM CATx Extender Kit - HDMI/DVI USB



- Extends lossless digital video up to 426 feet (130 m) over CATx cable
- Provides full HD 1080p resolutions up to 1900 x 1200 @ 60 Hz



- Supports USB keyboard, monitors, touchscreens and other USB HID devices and bidirectional stereo audio
- Provides local monitoring
- Audio and RS-232 optional via external USB adapters

BBX-ACX300-R2 • Your Price \$858.58

ADDERView DDX USR Fanless Small Form Factor DVI - USB - Audio Digital KVM Extender



Unlike many other digital KVM solutions, the DDX delivers every pixel of every video frame to ensure perfect digital video all the time. Uncompressed video technology ensures ultra-low latency and a perfect "at-the-computer" experience.

- Video up to 1920 x 1200 • USB2.0 (HID) • Lossless HD video in real-time
- Mic input, headphone output and line out • USB-powered computer module
- Hardware compatibility: All computers with DVI or DisplayPort video, and USB

ADR-DDX-USR • Reg \$525.00 Your Price \$472.50

Adder Single Node - Point to Point or KVM Matrix over IP Switcher - HDMI - USB 2.0 Audio with PSU

- Uses IP technology over standard CATx network cable • Point-to-point, switching, sharing or small matrix operation
- Local USB and video feed through ports
- PoE models are powered by PoE or an optional external PSU



- USB2.0 (low & full speed) for keyboard, mouse, tablet and touch screen • Analog audio with headphone support

ADR-XDIP-PSU • Reg \$589.00 Your Price \$530.00

Adder Link XD522 DisplayPort - USB - Audio to 150m

- DisplayPort and thunderbolt display resolutions
- Single CATx cable: Video, USB 2.0 (HID-only) and audio all pass along a single cable.



- Up to 150 meter extension distances: Distance is dependent on the monitor resolution, number of monitors, cable type and the number of connection breaks for patch panels and wall plates.

ADR-XD522DPPAIRU • Reg \$1795.00 Your Price \$1615.50



Newtek Connect Spark Pro 4K to NDI Converter

- HDMI 2.0 video input with embedded audio
- Conversion to full-bandwidth NDI® for high-quality output to IP with near-zero latency
- Support for 4K UHD and 1080p video at up to 60 frames per second
- Optional multicast mode to accommodate network bandwidth considerations



- Remote configuration & monitoring via Web-based user interface
- Tally support via NDI®, with built-in program/preview tally lights
- Wired Ethernet connectivity, with support for Power over Ethernet (POE)
- Hardware-based FPGA and SoC technology
- Industry-standard, threaded-screw camera mount
- Compatible with all systems, devices, and applications that support NDI®

TRI-NCSP-4K • Your Price \$995.00

Blackmagic Design Mini Converter - SDI to HDMI 6G



- The Mini Converter SDI to HDMI 6G makes it possible to convert SDI to HDMI in all formats up to 2160p30. • 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.
- The SDI to HDMI 6G model also includes HDMI instant lock and 33 point 3D LUT support, which are new advanced features that were not available in previous models.

BMD-CONVMBSH4K6G • SDI to HDMI 6G • Your Price \$185.00
BMD-CONVMBHS24K6 • HDMI to SDI 6G • Your Price \$145.00

Blackmagic Teranex Mini - Smart Panel

The Teranex Mini's optional premium front panel includes straight forward push buttons and a built in LCD screen for easier set up. The LCD screen also displays the video going through each of your converters! The premium front panel is perfect when you're out in the field or on set without external monitors, or even when you have multiple converters mounted in equipment racks and just want to see what's going through them all!



BMD-CTMYASMPN • Your Price \$85.00

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.

BMD-OPTCLFIBR12G • Your Price \$155.00

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!



BMD-UPDOWNCROSHD • Your Price \$155.00

Blackmagic 3G HD-SDI to Analog with Audio Mini Converter



- 3G HD-SDI to Analog YUV/S-Video/Composite with D/Conv & AES/Analog Audio
- Everything you need to convert from SDI to analog in HD/SD component, NTSC and PAL video, plus balanced AES/EBU and analog audio
- Easily connect equipment such as Betacam SP, VHS, and analog video monitors to SDI based equipment
- Auto Switching SD and HD
- Supports NTSC, PAL, 1080i/59.94, 1080i/50,

1080psf/23.98, 1080psf/24, 720p/59.94 and 720p/50 formats

- Redundant SDI Input • Built in AES/EBU or Analog Audio

BMD-CONVM5A • Reg. \$195.00 Your Price \$195.00

Blackmagic Analog to 3G HD-SDI Mini Converter

BMD-CONVMAS • Reg. \$195.00 Your Price \$195.00

Blackmagic Teranex Mini - SDI to HDMI 12G

Convert from 12G-SDI to HDMI. Supports all video formats including SD, HD, 6G and 12G-SDI rates and includes down converter when working with Ultra HD as the HDMI monitor will select the best format it can support. De-embed audio to balanced analog or AES/EBU formats and timecode output. Perfect for using HDMI televisions as SDI broadcast monitors and for connecting to video projectors.



BMD-CTMAASDIH • Your Price \$495.00



Blackmagic Design Micro Converter BiDirectional SDI/HDMI

- Simultaneously convert SDI to HDMI and HDMI to SDI in any combination of SD and HD formats up to 1080p60 at the same time!
- Each conversion direction can be a different SD or HD video standard.
- The multi-rate 3G-SDI input and output connections are compatible with virtually all professional broadcast equipment, including Level A and B devices.
- It even automatically detects all SD and HD formats.



BMD-CONVBDCSDIHD • Your Price \$65.00

BMD-CONVBDCSDHDP • with power supply • Your Price \$75.00

Blackmagic Design BMD-CONVMIC/SH Micro Converters



- Full size HDMI and 3G-SDI connections for working with all SD and HD formats up to 1080p60
- Durable metal enclosure designed to be rugged enough to use anywhere
- Professional Blackmagic Design broadcast quality 10-bit video processing
- SDI re-clocking on 3G-SDI input to reduce SDI jitter and improve SDI eye pattern

BMD-CONVMICSHNP • SDI to HDMI • Your Price \$45.00

BMD-CONVMICHSNP • HDMI to SDI • Your Price \$39.00

Blackmagic BMD-BDLKWEBPTR Web Presenter



- Featuring 12G-SDI and HDMI connections, the Blackmagic Web Presenter will down convert any SD, HD and Ultra HD sources and make them look like a 720p USB webcam
- No drivers required, works with popular streaming software such as Open Broadcaster, XSplit Broadcaster, YouTube Live, Facebook Live, Periscope, Twitch.TV and more

Blackmagicdesign

- Supports all SD, HD and Ultra HD input sources up to 2160p60 • 12G-SDI input with 12G-SDI loop output

- 12G-SDI program output • HDMI 2.0 input with independent HDMI loop output
- HDMI video input re-sync for live switching • XLR balanced mic/line level audio input
- Consumer HiFi connections for 2 channels of audio input • Teranex quality down converter

BMD-BDLKWEBPTR • Reg. \$495.00 Your Price \$495.00

Blackmagic Design Micro Converters

- Super low cost SDI to HDMI & HDMI to SDI converters in a compact housing
- Full size HDMI and 3G-SDI connections for working with all SD and HD formats up to 1080p60
- Durable metal enclosure designed to be rugged enough to use anywhere
- Professional Blackmagic Design broadcast quality 10-bit video processing
- SDI re-clocking on 3G-SDI input to reduce SDI jitter and improve SDI eye pattern



BMD-CONVMIC-SH • Micro Converter - SDI to HDMI • Your Price \$59.00

BMD-CONVMIC-HS • Micro Converter - HDMI to SDI • Your Price \$55.00

Blackmagic Audio to SDI Mini Converter



The Blackmagic Design CONVMAUDS 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!

Blackmagicdesign

- SDI Input: SDI: Switchable between SD, HD and 3 Gb/s SDI, SDI Redundant: Automatically switches over if main SDI input is lost.

- Analog Audio: Analog Audio: 4 channels of professional balanced analog audio with standard 1/4 inch jack connections.
- AES/EBU: 8 channels of professional balanced digital with standard 1/4 inch jack connections.
- Sampling: 625/25 PAL, 525/29.97 NTSC, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080i50, 1080i59.94, 1080i60, 720p50, 720p59.94 and 720p60. • Sampling: 4:2:2.

BMD-CONVMCAUDS2 • Your Price \$195.00

Connectronics 1RU Universal Blackmagic Design Mini Converter Rackmount

- Mount up to 4 Blackmagic Mini Converters side-by-side in this universal 1RU rackmount
- Unique slide rail mount allows you to adjust each individual Blackmagic Mini Converter to either front or recessed position



- Order multiple BLACKRACK-1 and stack them for multiple Mini Converter rackmount requirements
- Made of high strength steel with durable powder coat finish for years of use
- Includes Mounting Hardware • Adjustable Rails for Flush or Recessed Mounting

BLACKRACK-1 • Reg. \$79.95 Your Price \$71.95

Connectronics 3RU High Density Universal Blackmagic Design Mini Converter Rackmount



Mount up to 10 Blackmagic Mini Converters side-by-side in this universal 3RU rackmount.

- Blackmagic Mini Converters attach with included thumb screws for quick and easy installation
- Rear extended mount plate for power supply(s), cable management and outlet strip mounting
- Made of aircraft aluminum for years of field use
- Includes Mounting Hardware
- Applications include News gathering, Sports production, Remote productions, Live events, and OB Trucks
- Extended Rear Mount Cable & Power Management Plate

BLACKSTACK-10RM • Reg. \$99.95 Your Price \$89.95

Kramer HDMI 4K60 4:4:4 / 4:2:0 Converter with HDCP 1.4 & 2.2



- Kramer's FC-174 is a versatile HDMI 4K@60Hz (4:4:4/4:2:0) multi-channel converter tool.

- FC-174 can convert up to four inputs/outputs from 4:4:4 to 4:2:0 color sampling and offers EDID management via a user-friendly software application.



- It also enables inter-operability between HDCP 2.2 and HDCP 1.4 systems for up to 4 HDMI sources simultaneously.

- FC-174 acts as an HDMI extender that equalizes and relocks TMDS data before re-transmitting, thus increasing the HDMI cable range from each of the 4 outputs.

KR-FC-174 • Reg. \$662.00 Your Price \$529.60

Ocean Matrix Video to HDMI Pro Mini Converter / Scaler

- Convert Analog Composite Video or S-Video with L/R Stereo Audio to a single HDMI Output

- Scales Composite Video or S-Video to HD 1080p

- Front Panel Selectable 720P 50Hz/60Hz or 1080P 50Hz/60Hz HDMI Output

- Selectable Composite or S-Video Input with Simultaneous Live Input Source

- Supports 50Hz to 60Hz Frame Rate Conversion • Automatic NTSC/PAL Detection

OMX-CV-HDMI • Reg. \$75.95 Your Price \$70.95



Ocean Matrix HDMI to 3G SDI Mini Converter with Looping Output

- Broadcast Quality HDMI to SDI converter

- 1080p Compatible

- Dual SDI Outputs / 3G SDI Splitter

- EDID auto detect HDMI Input

- Output (Max bit rate: 2.97G/S)

- SDI Embedded Audio up to 8-Channels

OMX-HDMI-SDI • Reg. \$155.00 Your Price \$146.00



Ocean Matrix 3G HD-SDI to HDMI Converter

- Auto detect resolution of HD-SDI, SD-SDI and 3G-SDI Input Signal

- Full HDMI support with embedded audio

- Synchronized 48KHz L/R audio output

- Plug and play

OMX-SDI-HDMI • Reg. \$44.95 Your Price \$39.95



Datavideo 3G/HD/SD Cross-Converter

- Can up-convert and down-convert between many 3G, HD, and SD video formats.

- Supports 10-bit processing with high-quality video filtering.

- Built with high-quality standards for low SDI jitter with long SDI cable lengths.

- Multi-channel audio is supported (Up to 8 Channels embedded)

DV-DAC-70 • Your Price \$499.00



Matrix Switch Four Channel SDI/Fiber Converters

- Re-clocks standard SDI rates 3G (2.97 Gbit/s), HD (1.484 Gbit/s), and SD (270 Mbit/s)

- Auto bypass of non-standard SDI rates from 20 Mbit/s to 3 Gbit/s

- Passes SDI embedded audio and ancillary data

- Different SDI rates can be used on different inputs interchangeably and without restriction

- Compact enclosure design with a depth of only 4"

- Less than 1 pound • External DC power supply

- Complies with all relevant FCC, U/L, CE, and RoHS requirements

MSC-FC4BF • SDI to Fiber Converter • Reg. \$495.00 Your Price \$435.60

MSC-FC4FB • Fiber to SDI Converter • Reg. \$495.00 Your Price \$435.60



Decimator MD-LX HDMI/SDI Bi-Directional Converter for 3G/HD/SD



- Miniature and low-power HDMI/SDI bi-directional converter. The MD-LX is controlled either via USB on a Mac/Windows app.

- Auto Select (Active input to all outputs or if both inputs are active SDI to HDMI and HDMI to SDI)

- 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 \$99.00



Decimator Design MD-CROSS V2 HDMI/SDI Cross Converter

- 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 MD-HX HDMI/SDI Cross Converter with Scaling and Rate Conversion

- Robust Aluminium Case • Features 14 Modes

- Includes the same Down Up Cross Converter from our multi-award winning MD-DUCC, allowing either the HDMI or SDI input to be scaled and/or frame rate converted to the required standard.

- Includes 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.

- The audio pairs in the SDI and HDMI outputs can be rearranged as required.

- The MD-HX is a truly portable converter, that incorporates our new easy to use LCD and button control system.



DEC-MD-HX • Your Price \$295.00



VIDEO CONVERTERS

PRODUCTION
ESSENTIALS

markertek®

AJA 12G-SDI to HDMI 2.0 Mini Converter with Fiber Transceiver

- Pristine image fidelity and HFR support up to 60p for 4K/UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Generates HDR10 metadata in accordance with HDMI v2.0b/CTA-861-G and supports HLG over HDMI
- Simple monitoring connection from professional 4K devices using 12G-SDI outputs to new displays with HDMI 2.0 inputs, for cost effective monitoring
- Features a 12G-SDI single link input with a relocked SDI loop out and includes a Fiber LC single channel SFP transceiver which delivers a 4K/UltraHD SDI or Fiber source signal to an HDMI destination with pass on of the source through SDI or Fiber to a secondary destination



AJA-HI5-12G-TR • Your Price \$1195.00



AJA 12G-SDI to HDMI 2.0 Mini-Converter

- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:2:2/4:4:4/4:2:0 HDMI 2.0 output
- HDR support for HDR10 and HLG
- Embedded audio support
- 12G-SDI loop out
- Fiber SFP models available

- Configure via USB port and supplied Mini-Config software
- Uses 5-20 VDC power (DWP-U-R1 universal power supply included)

AJA-HI5-12G • Your Price \$795.00

AJA SMPTE ST 2110 IP Video/Audio to HDMI Converter

- SMPTE 2110 audio, video receiver
- Rugged, fanless design
- 1x 10GigE SFP+ cage for media LAN [with status light] • 1x 1GigE RJ45 socket for control LAN [with status light]
- Dedicated HDMI receiver with full size HDMI 1.4b video port
- Support for 1080p up to 60p, YCbCr 4:2:2
- Full 10-bit pixel processing pipeline
- Embedded HDMI audio output (up to eight channels)
- 2x RCA analog audio output
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software



AJA-IPR-10G-HDMI • Your Price \$595.00



AJA Hi5-4K-PLUS 4K SDI to 4K HDMI v2.0 Converter

- (18 Gbps 4K/UltraHD 50/59.94/60) Quad 3G & 1.5G/Dual Link 3G/3G-SDI
- 4 x 3G-SDI inputs
- Support for 4:2:2/4:4:4 HDMI 2.0 output
- HD conversion supported
- Embedded audio support
- Configure via USB port and supplied MiniConfig software
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)

AJA-HI5-4K-PLUS • Your Price \$595.00

AJA HDMI 2.0 to 12G-SDI Mini-Converter with Dual Fiber Transmitter

- Convert an HDMI 2.0 input with up to 8 Channels of audio from the HDMI source or 2-Channel analog audio (RCA) to two 12G-SDI single link outputs with eight or two channels of digital embedded audio
- Analyzes HDR Infoframe data coming in over HDMI in accordance with HDMI v2.0b/CTA-861-G
- Transmits two DA 12G-SDI signals on each SDI output, reducing cable runs when transporting 4K/UltraHD SDI



AJA-HA5-12G-2T • Dual Fiber Transmitter • Your Price \$1195.00

AJA-HA5-12G-T • Single Fiber Transmitter • Your Price \$995.00



AJA HDMI 2.0 to 12G-SDI Mini-Converter

- Converts HDMI 2.0 to 12G-SDI, up to 4K 60p
- Supports up to 60p input at 4:2:2/4:4:4/4:2:0
- Supports 2SI (two sample interleave) 4K/ UltraHD SDI mapping
- Two 12G-SDI outputs
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Fiber SFP models available

- Configure via USB port and supplied Mini-Config software

AJA-HA5-12G • Your Price \$795.00

AJA HDMI Video and Audio to JPEG 2000 Converter

- HTTP/1.1 • Web and REST clients supported
- 1x USB 2.0 Mini-B connector
- AJA eMini-Setup software setup of network parameters
- Full size HDMI 1.4 video input
- 1x RJ-45 (IEC 60603-7) for 10/100/1000Base-T Ethernet media output
- Essence support: VSF TR-01 and other JPEG 2000 MPEG-2 workflows
- Rugged, fanless, portable design • Full 10-bit pixel processing pipeline
- Network (LAN) control and status • Quick network setup with AJA eMini-Setup software



AJA-IPT-1G-HDMI • Your Price \$995.00

AJA 3G-SDI Video and Audio to JPEG 2000 Converter

- 1 x 3G-SDI BNC input with 4:2:2 10-bits/pixel
- 1 x 3G-SDI BNC loop throughout with 4:2:2 10-bits/pixel
- Essence support: VSF TR-01 and other JPEG 2000 MPEG-2 workflows
- Rugged, fanless design
- Audio input via embedded 3G-SDI or analog RCA (selectable)
- Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software
- 1x RJ-45 (IEC 60603-7) for 10/100/1000 Base-T Ethernet control input
- HTTP/1.1 • Web and REST clients supported • 1x USB 2.0 Mini-B connector



AJA-IPT-1G-SDI • Your Price \$995.00

Matrix Switch 1RU Remote LCD Control Panel with 2.2" QVGA Display



NEW!

- Includes QVGA LCD panel interface
- Jog wheel with 4 directional buttons and a center select button
- Interactive web page interface (Interactive Demo)
- System software updates from webpage interface
- Complies with all relevant FCC, U/L, CE, and RoHS requirements



MSC-GCP1U16 • Reg. \$300.00 Your Price \$264.00

Matrix Switch 4x4 Fiber Optic 3G-SDI Mini Switcher with Button Panel

- Re-locks standard SDI rates 3G (2.97 Gbit/s), HD (1.484 Gbit/s), and SD (270 Mbit/s)
- Auto bypass of non-standard SDI rates from 20 Mbit/s to 3 Gbit/s
- Passes SDI embedded audio and ancillary data



NEW!

- Different SDI rates can be used on different inputs interchangeably and without restriction
- Inputs can be switched to multiple outputs without restriction
- Outputs can be individually muted
- Vertical interval switching using vertical sync input

MSC-FS44FL • Reg. \$300.00 Your Price \$264.00

Matrix Switch Mini SFP SDI Video Routing Switchers

- Re-locks standard SDI rates 3G (2.97 Gbit/s), HD (1.484 Gbit/s), and SD (270 Mbit/s)
- Auto bypass of non-standard SDI rates from 20 Mbit/s to 3 Gbit/s
- Passes SDI embedded audio and ancillary data
- Different SDI rates can be used on different inputs interchangeably and without restriction
- Inputs can be switched to multiple outputs without restriction
- Outputs can be individually muted
- Vertical interval switching using vertical sync input (Tri-level sync or NTSC/PAL black burst)
- Store and recall up to 10 preset salvos



NEW!



MSC-FS44BFL • 4 BNC Input 4 SFP Output
Reg. \$895.00 **Your Price \$787.60**

MSC-FS44FBL • 4 SFP Input 4 BNC Output
Reg. \$895.00 **Your Price \$787.60**

AJA Kumo 12G-SDI Routers



KUMO 12G-SDI routers support large format resolutions, high frame rate (HFR) and deep color formats, while reducing cable runs when transporting 4K/UltraHD over SDI. The routers offer network-based and/or physical control, and mirror the physical form of AJA's production-proven KUMO 3232 and KUMO 1616 routers, with a new USB port for configuring IP addresses via AJA's eMini-Setup software.

- The KUMO 3232-12G - compact 2RU profile with support for 12G-SDI/6G-SDI/3G-SDI/1.5G-SDI with 32x 12G-SDI inputs and 32x 12G-SDI outputs.
- The KUMO 1616-12G - compact 1RU profile with support for 12G-SDI/6G-SDI/3G-SDI/1.5G-SDI with 16x 12G-SDI inputs and 16x 12G-SDI outputs.

AJA-KUMO-323212G • 32x 12G-SDI Inputs • Your Price \$3995.00

AJA-KUMO-161612G • 16x 12G-SDI inputs • Your Price \$2495.00



AJA KUMO Compact 3G-SDI Routers



Cost-effective, without compromising power or flexibility, KUMO compact SDI routers provide powerful signal control and support full broadcast specifications over SDI, HD-SDI, and 3G SDI, with quality that exceeds

SMPTE specifications. The super-compact 1RU and 2RU formats are just a few inches deep, making them a perfect fit for any broadcast, production, or post production environment, from mobile sports trucks and edit suites, through to corporate video installations or live event A/V rigs.

As 4K workflows continue to gain ground, KUMO routers can grow as you do. With a simple setting change, KUMO routers can be configured for ganged dual and quad port routing, allowing users to group together multiple inputs and outputs for Dual Link, 4K and UltraHD workflows. This allows seamless routing of uncompressed or RAW 4K and UltraHD signals throughout a production or post facility. Then switch the router back to HD/SD operation as needed, giving you the flexibility to route virtually any format in your facility.

- 3G-SDI Compact Routing • 4K, 3G, HD, SD Support • Powerful Signal Control
- Broadcast Quality • Simple Installation and Configuration • Redundant Power Supplies
- AJA 5-year International Warranty and Advance Replacement

AJA-KUMO1616	16x16 Compact SDI Router with 1 Power Supply.....	Your Price \$1995.00
AJA-KUMO1604	16x4 Compact SDI Router with 1 Power Supply.....	Your Price \$1395.00
AJA-KUMO3232	32x32 Compact SDI Router with 1 Power Supply.....	Your Price \$3495.00
AJA-KUMO6464	64x64 Compact SDI Router with 1 Power Supply.....	Your Price \$7995.00
AJA-KUMOCP	CP 1RU Control Panel for Kumo Series Routers.....	Your Price \$595.00
AJA-KUMO-CP2	CP2 2RU Control Panel for Kumo Series Routers.....	Your Price \$895.00
AJA-KUMOPOWER	KUMO PWR 12VDC Power Supply for KUMO Compact Routers.....	Your Price \$95.00



AJA-KUMO6464



AJA-KUMO1616



AJA-KUMO1604



AJA-KUMO3232



AJA-KUMOCP



Lilliput 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.
- Dual modes! A 16 channel 3G-SDI Multiviewer and 16x16 Matrix Switcher.
- 16 x 3G-SDI Auto-Detected inputs
- 2x3G-SDI and 1 x HDMI multiview, scaling outputs with audio
- Full screen and 20 preset multiview layouts with clock display
- Time Code, UMD, signal status and audio meter overlay
- Front panel buttons and control knob with LCD display
- Free PC control software vis LAN port
- Dual power design with redundant power



LIL-MMV1630 • **Your Price \$1359.00**

Datavideo 4K Video Wall Processor 2x2 for multiple Flat Panel Displays



- Four HDMI outputs with resolution from 720x480 to 1920x1200
- Supports HDMI input from 1280x720 to 4K2K@60 (YUV 4:4:4), interlaced or progressive • HDCP compliant
- Image parameters and layouts are automatically saved in flash memory of the device and can be recalled for later use
- Several image parameters and layouts can be saved in computers and loaded for later use
- Firmware upgradable for new features and technology enhancements

DV-TWP-10 • **Your Price \$1599.00**

Blackmagic Design Videohub Smart Control Panel



- The Blackmagic Design Videohub Smart Control is a compact 1 RU panel that controls your Videohub over your existing ethernet network
- It features 40 customizable buttons that can be set to any cross point so you can quickly switch video sources using fast, direct "cut-bus" style routing

BMD-VHUB-WSC • **Reg. \$495.00 Your Price \$495.00**

Blackmagic Design Smart Videohub 40x40 6G-SDI Video Router/Switcher

- Advanced 40 x 40 multi format SD, HD and Ultra HD SDI router with built in video monitoring and spin knob control

- Fits a massive 80 multi rate 6G-SDI connections in a compact two rack unit size
- SDI Video Input/Output: 40 x 10-bit SD-SDI, HD-SDI and 6G-SDI
- Auto detection of SD, HD or 6G-SDI. Simultaneous routing of 4K, HD and SD video.

BMD-SVH4040 • **Reg. \$2995.00 Your Price \$2995.00**

Freakshow 12G 4K 8x8 Matrix Switcher

Exceed your needs with Freakshow HD's new 12G 4K 8x8 Matrix Switcher! This production powerhouse provides both the flexibility and bullet proof build required for today's most challenging locations. Easily controlled by the top mounted touch screen or the integrated browser API, the 8x8 provides maximum functionality and user friendly ergonomics.



- Formats: 4K 12Gb-SDI, Ultra 4K 6Gb-SDI, 3Gb-SDI, 1.5Gb-SDI, 270Mb-SDI.
- Meets and exceeds SMPTE-424, SMPTE-292, SMPTE-259
- Inputs: 8x 12Gb/ 6Gb/ 1.5Gb/ 270Mb - Auto-selectable SDI BNCs
- Outputs: 8x 12Gb/ 6Gb/ 1.5Gb/ 270Mb - Auto-selectable SDI BNCs

FREAKS-4K8X8SW • **Reg. \$1599.00 Your Price \$1489.00**

Kramer VS-8UF8 8 Port 12G SDI Matrix Switcher with Interchangeable Inputs & Outputs



- The VS-8UF8 is an 8-port matrix switcher for SDI signals for up to 12G HD-SDI.
- Each SDI port can be defined as either an input or output.
- Max. Data Rate - 12Gbps. • HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M).
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances.
- Supports ANC Data - Embedded audio, teletext, time code, etc.
- Cable Equalization - Up to 350m for SD signals, 140m for 1.5GHz HD signals and 120m for 3GHz 3G signals.
- Clean Switching - When the sources are genlocked to the selected genlock input with a difference of no more than two lines of video.
- Versatile Genlocking - Using an analog signal.

KR-VS-8UF8 • **Reg. \$3595.00 Your Price \$2876.00**

Blackmagic Design Smart Videohub 12x12 SD/HD/Ultra HD Mixed Format Router



- Connect Everything - SD, HD and Ultra HD!
- Connect Your Workstations - Share broadcast displays and decks!
- Mobile Broadcast - Incredibly compact design!
- Supercharge Digital Signage!
- Perfect for multi screen SD, HD, and Ultra HD distribution!
- Connect and share presentation equipment!
- Dub multiple formats without changing cables!

VHUBSMART6G1212 • 12x12..... **Reg. \$1395.00 Your Price \$1395.00**
 VHUBSMART6G2020 • 20x20..... **Reg. \$1995.00 Your Price \$1995.00**

Kramer 4K60 4:2:0 HDMI Matrix Switchers

High-quality matrix switchers for 4K@60Hz (4:2:0) HDMI signals and embedded audio. It reclocks and equalizes the signals and can route any HDMI, HDCP-



NEW!

compliant sources (selectable) to any or all outputs simultaneously. Offers a flexible audio scheme where any HDMI digital audio input can be routed to any HDMI digital audio output in addition to ARC support on all ports.

- Resolutions up to 4K@60Hz (4:2:0) • Highly flexible independent audio matrix
- Step-In over HDMI • Size - Standard 19" (1U). Rack "ears" included.
- Active source detection for priority, last-connected automatic and manual switching

KR-VS-44UHD • 4x4 matrix switcher • Reg. \$2390.00 **Your Price \$1912.00**

KR-VS-48UHD • 4x8 matrix switcher • Reg. \$3595.00 **Your Price \$2876.00**

KR-VS-66UHD • 6x6 matrix switcher • Reg. \$3595.00 **Your Price \$2876.00**

KR-VS-84UHD • 8x4 matrix switcher • Reg. \$3595.00 **Your Price \$2876.00**

Kramer 12-input ProScale Presentation Matrix Switcher/4K30 UHD Scaler with Preview & Program Outputs

NEW!



- VP-733 has HDMI, DisplayPort, HDBaseT and user-definable (universal) analog video inputs (each can be set as computer graphics, composite video, s-Video (Y/C) or component video).



- It up-scales or down-scales to selectable output resolutions up to 4K and provides glitch-free switching between sources through fast FTBT (fade-thru-black) switching technology.

- Independent Program and Preview outputs are available simultaneously, or the unit can be configured for PIP, with all outputs mirrored.
- Outputs are available on two HDMI connectors, an HDBaseT, a DP, and a 15-pin-HD computer graphics video connector.
- Rich audio support is also included, with digital audio embedding and de-embedding, as well as 10 analog stereo inputs and analog, S/PDIF, and speaker outputs.

KR-VP-733 • Reg. \$4795.00 **Your Price \$3836.00**

Kramer 4K60 4:4:4 HDCP 2.2 DisplayPort HDMI & VGA Auto Switcher/Scaler and PoE Provider Over HDBaseT

- The VP-428H2 is an HDBaseT 4K transmitter/scaler with HDMI, DP and VGA inputs.



NEW!

- VP-428H2 supports HDBaseT tunneling of Ethernet, bidirectional RS-232 and IR signals, as well as PoE to provide power to the HDBaseT receiver.



- It receives the selected AV signal, up-scales, down scales or bypasses the video, according to the settings selected by the user, and converts it for sending via HDBaseT, together with the tunneled data and PoE.



KR-VP-428H2 • Reg. \$1400.00 **Your Price \$1120.00**

AVPro Edge 18Gbps True 4K60 4:4:4 4x2 Matrix & Auto Switch

NEW!



- Supporting HDMI 2.0(a/b), HDCP 2.2, up to 4K video resolution, and up to 18 Gbps bandwidth.
- This switch allows any source (Blu-ray, UHD Blu-ray, satellite receiver, game consoles, PCs, etc ...) to be shown on any of the connected displays.

- This matrix equalizes and amplifies the output to ensure the HDMI signal can be transmitted through long HDMI cables without loss of quality.

AC-MX42-AUHD • **Your Price \$649.00**

HDMI SWITCHERS

Atlona 4K HDR 8x8 HDMI to HDMI Matrix Switcher

NEW!

- The Atlona AT-HDR-H2H-88MA is an 8x8 HDMI matrix switcher for high dynamic range (HDR) formats.



- It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps.



- The HDR-H2H-88MA is ideal for residential applications with the latest as well as emerging 4K/UHD and HDR sources and displays.

ATNO-HDR-H2H88MA • **Your Price \$4000.00**

Atlona 4K/UHD Two-Input Wallplate Switcher for HDMI and USB-C with HDBaseT Output

- 2x1 HDBaseTMM switcher with HDMI® and USB-C inputs



NEW!

- Ideal for the AT-HDVS-200-RX scaling receiver, AT-UHD-EX-100CE-RX-PSE receiver, and Atlona HDBaseT-equipped switchers

- HDBaseT transmitter for AV, power, and control up to 330 feet (100 meters)
- 4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling (with the AT-UHD-EX-100CE-RX-PSE)



- Remotely powered via PoE (Power over Ethernet)
- Automatic input selection and automatic display control

AT-HDVS-210UTXWP • **Your Price \$690.00**

Gefen 4K Ultra HD HDMI Over IP - Sender Package

- Extends HDMI, RS-232, analog audio, and IR, using a Gigabit Local Area Network
- Independent video, RS-232, IR, and audio routing
- Backward-compatible with first generation Gefen AV over IP products



NEW!



- Input resolutions up to 4K 60Hz 4:2:0 • Output resolutions up to 4K 30Hz 4:4:4
- Dolby Atmos®, Dolby® TrueHD, DTS:X®, and DTS-HD Master Audiotrade;
- Built-in video wall controller accommodates any number of rows and columns up to 16x16

GEF-EXTUHDLANSTX • Reg. \$599.00 **Your Price \$419.95**

wePresent Cross-Platform Presentation and Collaboration Device



NEW!

- Greater networking flexibility by providing various network access solutions: wired LAN, wireless LAN or both at once.

- Insert a USB token into your wePresent to open files, view documents and images, or play audio and video media.

- Stream video files to the wePresent with full 1080p resolution and no latency.

- On screen annotation for more interactive presentations.

- Operating system: Windows 7, 8, 10 and above, Mac OS X 10.9 and above, Android 4.0 and above, iOS 9 and above

- Video Output: 1 x HDMI, 1 x VGA • Frame rate: up to 30 fps

- Output resolution: up to 1080p • Connected users: up to 64

WIPG-160W • **Your Price \$799.00**



HDMI SWITCHERS

PRODUCTION ESSENTIALS

markertek®

Luxi VGA/HDMI/DP/Audio 3x2 Switcher with Scaler

Optional 12V Power Adapter Not Included



- World's smallest high performance all-format, all-purpose, HDCP compliant signal converter, scaler, switcher, splitter, audio mixer, embedder, de-embedder
- VGA, HDMI, DP input, auto switch or front panel, RS-232, contact controllable
- Automatically turn on display when a signal plugged in, turn off when no signal
- Dual mirrored HDMI outputs for big screen/projector and local monitor/VC
- Analog audio input for laptops or wireless microphones



LXL-SHD-310SM • Your Price \$513.00

Luxi VGA/HDMI/DP/audio 3x2 Switcher with Scaler and HDBT Transmitter



- VGA, HDMI, DP input, auto switch or front panel, RS-232, contact controllable
- Automatically turn on display when a signal plugged in, turn off when no signal
- HDBT output for big screen/projector and HDMI output for local monitor/VC



LXL-THB-350 • Your Price \$708.00

Atlona 4K HDR 4x4 HDMI to HDMI Matrix Switcher



- 4x4 HDMI matrix switcher
- Fast, blink-free switching
- 4K/UHD capability @ 60 Hz

with 4:4:4 chroma sampling, plus support for HDR formats

- HDCP 2.2 compliant • Independent CEC display control to each output
- EDID management • HDCP management
- HDMI audio de-embedding for each input • TCP/IP, RS-232, and IR control
- Easy, GUI-based configuration using integrated web server

AT-HDR-H2H-44MA • Your Price \$2100.00

Kramer 8x4 HDMI HDBaseT & Audio Matrix Switcher

- Kramer's VS-88UT is an all-in-one 4K@60Hz (4:2:0) Audio-Video presentation system with integrated range extension and an integrated control system master.



- The unit switches the video, embeds the audio and outputs the signal to both an HDMI and an HDBaseT 2.0 with USB extension and PoE on the HDBaseT output ports. • Resolutions up to 4K@60Hz (4:2:0)
- Data Rate up to 10.2Gbps (3.4Gbps per graphics channel)

KR-VS88UT • Reg. \$8495.00 Your Price \$6796.00

AV Tool 3-Input HDMI Routing Switcher & Multiformat HDMI Converter



- Switches between HDMI & Analog Signals
- Inputs: 3x HDMI, 1x PC, 2x YpbPr & 2x CV/SV • Outputs: 1x HDMI
- Audio Inputs for all Analog Video Inputs

- Supports PC Resolutions to SXGA • Supports HD Resolutions to 1080p

AVT-6071 • Your Price \$349.00

Zigen HDMI 2.0 - 600 MHz HDMI Switchers

NEW!



ZIGEN

- 600 MHz HDMI 2.0 (2160P60 4:4:4) and HDCP 2.2 on all I/O • Supports 8-bit, 10-bit, 12-bit and 16-bit per pixel
- Chroma Subsampling 4:4:4, 4:2:2, 4:2:0
- Advanced EDID management • Supports ARC • Supports CEC
- Built in IR sensor plus 3.5mm jack and remote control
- Bi-directional RS-232 - Control switch or integrate 3rd party control
- ZigNet Control • Supports HDR-10, HDR-10+, Dolby Vision HDR
- Supports uncompressed PCM 2-Ch., 5.1, 7.1, Dolby Digital, DTS, Dolby TrueHD, DTS HD-Master Audio and more

ZIG-SW42PLUS • Your Price \$1250.00

ZIG-SW41PLUS • SPDIF & RCA for audio de-embedding • Your Price \$1100.00

AVPro Edge Dolby Audio 18Gbps 8 Channel Bit Stream Down-Mixer

AVPro edge



- HDMI 2.0a/b input and output with 18Gbps
- Supports resolutions up to 3840x2160@60 Hz (YUV 4:4:4, 8-bit) & 4096x2160@60 Hz (YUV 4:4:4, 8-bit)

- Full 12 Bit HDR Support • HDCP 2.2 and all earlier version supported
- Bypass on HDMI: PCM 2.0 Ch, LPCM 5.1 & 7.1, Dolby Digital, DTS 5.1, Dolby Digital Plus (Atmos), Dolby TrueHD (Atmos), DTS-HD Master Audio, DTS-X
- Downmix to 2 Ch: LPCM 5.1 & 7.1, Dolby Digital, DTS 5.1, Dolby Digital Plus (Atmos), Dolby TrueHD (Atmos), DTS-HD Master Audio, DTS-X
- Proprietary Audio Decoder module • Two HDMI outputs simultaneously active

AC-AVDM-AUHD • Your Price \$665.00

Ocean Matrix 4K/UHD 5x1 HDMI 2.0 Switcher with RS232 Control



OCEAN MATRIX®

- 5 input HDMI switcher that supports multiple resolutions and formats and includes RS232 control for professional environments
- Choose between 5 (five) HDMI devices and route signals to a single HDMI display, projector or digital signage system while supporting full 12 bit HD video, HDMI 3D and resolutions up to 4Kx2K@60Hz Ultra-HD
- HDMI source selection can be controlled by the included remote or by the RS232 serial port on the switcher • Accommodates bandwidth up to 18Gbps

OMX-HDMI5X1-V2 • Reg. \$65.95 Your Price \$59.95

Kramer 4x1 HDMI Switcher RS-232 & Ethernet Control

- Maximum Data Rate - 1.65Gbps.
- HDCP Compliant
- Enhanced EDID (Extended Display Identification Data)
- Dual Mode - PC and DVD Modes selectable by input
- Flexible Control Options- Front panel, IR Remote, RS-232 & Ethernet
- Video Disconnect • Front Panel Lockout
- Inputs: 4 HDMI Connectors • Output: 1 HDMI Connector



KR-VS-41HDMI • Reg. \$540.00 Your Price \$432.00

Cobalt1x6 12G - 3G - HD - SD-SDI ASI MADI Reclocking Distribution Amplifier with Input Status LED

NEW!



- Six 12G/3G/HD/SD equalized and reclocked outputs
- 1x3 ASI distribution capability
- Input present LED indicator
- Auto-standard detect and configuration for SMPTE 2082-1, 424M, 292M, 259M
- Small rugged portable standalone package ideal for portable installations

COBALT

Optional BBG-MB mounting bracket provides rigid, secure mounting to mounting surfaces

• Rugged construction backed with a five-year warranty

CB-BBGDA-12G-1X6 • Your Price \$549.00

Ocean Matrix 3G SDI 1x4 Splitter / Distribution Amplifier

- Supports SD-SDI (270Mbps), HD-SDI (1.485Gbps) and 3G-SDI(2.97Gbps)
- 4 simultaneous SDI outputs
- Equalized & re-clocked transmission and support signal input
- Output distances of up to 400 meters for SD-SDI, 200 meters for HD-SDI and 100 meters for 3G-SDI signal
- DC5V-30V Voltage Input - great for field applications
- SDI Signal Auto-Detect



OCEAN

OMX-SDI-1X4 • Reg. \$205.00 Your Price \$195.00

Ocean Matrix 12G-SDI Reclocking 1x6 Distribution Amplifier

OCEAN

- Supports all SMPTE video formats for HD and UHDTV broadcast requirements
- Six separately buffered and reclocked outputs
- Cable equalization and signal retiming • Supports 2K and 4K SDI transmission



- LED indicators for signal input lock and rate
- Passes all ancillary data • Automatic input type detection

• Reclocking SDI signals for cascading and longer transmission

OMX-12GSDI-1X6 • Reg. \$370.00 Your Price \$349.00

Blackmagic Design 1x8 3G SDI DA Mini Converter

- (1) SDI Input, (8) SDI Outputs
- 3G/HD/SD-SDI Auto-Switching Input
- Re-Clocked Outputs
- Ancillary Data & Embedded Audio
- 1080p & 2K Distribution
- Supports ASI Signals



Blackmagicdesign

BMD-CONVMSDIDA • Reg. \$195.00 Your Price \$195.00

Blackmagic Design Mini Converter - SDI Distribution 4K

- Ultra HD and 6G-SDI Technology • Standard Audio Connections • Powerful Performance
- Optical Fiber Conversion • Highest Quality Processing • Easy Settings Control



Blackmagicdesign

BMD-CONVMSDIDA4K • Your Price \$295.00



NEW!

AJA 12GDA 12G/6G/3G/HD/SD-SDI Distribution Amplifier

- Compact 12G-SDI distribution
- Six separately buffered outputs
- Miniature size
- 12G cable equalization (1694 coax)
- 12 Gbps, 90m • 6 Gbps, 125m • 3 Gbps, 160m
- 1.5 Gbps, 200m • 270 Mbps, 470m
- 12G/6G/3G/HD/SD-SDI input, auto sensing
- Passes all ancillary data
- DWP-U-R1 power supply included
- Five year warranty

AJA-12GDA • Your Price \$495.00

AJA 1x4 High Definition Video Distribution Amplifier



- Formats: 1.5Gb, 143, 177, 270, 360 Mb, Auto Select
- Inputs: 1 HD-SDI, SDI (SMPTE 292/296), 1x BNC
- Outputs: 4 HD-SDI, SDI, 4x BNC, Equalizing
- Return Loss: >15dB-270Mhz (Input and Output)
- Power: 5VDC Regulated, 2.5 Watts

AJA-HD5DA • Your Price \$195.00

AJA 3GDA 1x6 3G/HD/SD Reclocking Distribution Amplifier



- Compact SD/HD Distribution
- Six Separately Buffered Outputs
- 120m 3G cable equalization (1694 coax)
- 3G HD-SDI, HD-SDI or SDI input, auto sensing
- Passes all ancillary data
- +5-18V power requirements

AJA-3GDA • Your Price \$395.00



Freakshow HD 1x2 4K 3G-12G HD-SDI Reclocking Video Distribution Amplifier



- HD Mini 4K 12G 1x2 Re-Clocking D.A. fits anywhere and can extend cable lengths up to 700 feet
- Formats: 4K 12G-SDI, Ultra 4K 6G-SDI, 3G-SDI, 1.5G-SDI, 270Mb-SDI. Meets and exceeds SMPTE-424, SMPTE-292, SMPTE-259
- Inputs: 1x12G/ 6G/ 3G/ 1.5G/ 270Mb - Auto-selectable SDI, 1xBNC
- Cable Re-clocking and Equalization
- Input return loss: -8dB at 12G, -9dB at 6G, -13dB at 3G, -18dB HD/SD
- Output return loss: Return loss -6dB at 12G, -8.5dB at 6G, -15dB at 3G, -23dB at HD/SD

FREAKS-1X2DA-4K • 1x2 Reclocking DA.....Your Price \$289.00
FREAKS-1X4DA-4K • 1x4 Reclocking DA.....Your Price \$389.00

KanexPro SDI Repeater

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.



KAN-SDI-HDRPTPRO • Reg. \$129.95 Your Price \$109.00

KanexPro



SDI DISTRIBUTION

PRODUCTION ESSENTIALS



LYNX Technik Yellobrik 12G SDI Video Distribution Amplifiers - Supports Multi SMPTE SDI Signals



LYNX Technik yellobrik

LNX-DVD-1423: 2 independent inputs 3 outputs per channel

LNX-DVD-1417: 1 input and 7 outputs

- SMPTE 259M (270Mbit/s), SMPTE 292M (1.5Gbit/s), SMPTE 424M (3Gbit/s), SMPTE 2081 (6Gbit/s) and SMPTE 2082 (12Gbit/s) standards are supported.
- Suitable for SDI video up to 12Gbit/s (4K/UHD)
- Supports SD SDI, HD SDI, 3G SDI, 6G SDI and 12G SDI • Redlocking

LNX-DVD-1423 • Reg. \$1025.00
Your Price \$973.75

LNX-DVD-1417 • Reg. \$840.00
Your Price \$798.00

Freakshow Micro 4K/12G Redlocking DAs

- Freakshow, the company with the biggest ideas in 4K/12G distribution, introduces the smallest product yet. Meet the Micro Split MSX2, the worlds most compact 4K/12G Redlocking 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 redlocking 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.



FREAKS-MSX2-O • Standard Connector • **Your Price \$289.00**
FREAKS-MSX2-L • Lemo Connector • **Your Price \$349.00**



Kramer VM-2UX 1:2 4K 12G SDI Video Distribution Amplifier

The VM2UX is a compact and high-performance 1:2 4K distributor for standard broadcast grade SDI signals up to 12G transmitted data rate. It auto adapts to data rate of one SDI input signal, equalizes and reclocks the signal to improve transmitted signal reach, and distributes the signal to two identical SDI outputs.

KR-VM-2UX • Reg. \$540.00 **Your Price \$432.00**

LEN 4K/12G Splitter

- Miniature, lightweight passive designs, requiring no power, LEN SDI splitters are a direct equivalent to the use of a Distribution Amplifier to create additional SDI signals, for most applications.
- The L4KS01 is for use with full 12G/4K UHD SDI video and all lower standards including 6G, 3G, HD and SD SDI.

LEN-L4KS01 • Reg. \$529.99 **Your Price \$504.91**



LEN Passive HD-SDI Single Channel HD Splitter

- Miniature passive Splitter - no power required
- Broadcast quality signal up to 1500 MHz
- Size 45 x 30 x 15 mm - less than 30 gm
- Ideal for permanent and temporary installations

LEN-HDS01 • Reg. \$139.95
Your Price \$129.95



tvONE High-Performance HDMI v2.0 Distribution Amplifiers

- Fully HDCP 2.2 compliant the 1T-DA-682 distributes HDMI signals with a video output up to 4K2K@60Hz(YUV444) resolution and supports HDR Imaging, EDID management and has 3D pass through.
- Additional support for LPCM 7.1 digital audio, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio round things out.
- The tvOne 1T-DA-682 also accommodates up to 32 audio channels with sampling rates up to 192kHz.



TV1-1T-DA-688 • 1x8 DA • **Your Price \$899.00**

TV1-1T-DA-684 • 1x4 DA • **Your Price \$499.00**

TV1-1T-DA-682 • 1x2 DA • **Your Price \$349.00**

Digital Forecast 3G/HD/SD SDI Redlocking Video Distribution Amplifier 1X3



- HD/SDI distribution amplifier
- Inside cable equalizer & re-clocker
- Up to 100m (HD grade), Up to 60m (3G grade)
- 1 HD/SDI input • 3 HD-SDI out
- DC 5V ~ 24V wide operating range

DF-M-DA • Reg. \$150.00 **Your Price \$142.00**



Marshall 3G/HD/SD-SDI Redlocking Distribution Amplifiers

- 3G/HD/SD serial digital distribution
- Six separately buffered and reclocked outputs
- Cable equalization and signal re-timing
- Dual color LED indication of input lock and rate • Passes all ancillary data

MAR-VDA-104-3GS • 1x4 Redlocking DA
Reg. \$177.00 **Your Price \$150.00**

MAR-VDA-106-3GS • 1x6 Redlocking DA
Reg. \$195.00 **Your Price \$165.00**

Marshall Electronics

Datavideo 3G/HD-SDI/SDI Repeater & Cable Extender

How far is too far with HD-SDI cable? Further than you'd think. Datavideo HD-SDI Repeaters/Cable Extenders make copper a cost effective solution up to at least 600 meters. For less money than fiber, you can join 100m sections of high quality 1.5Gb/s or 3.0Gb/s cable with Datavideo HD-SDI repeaters.



DV-VP-633 • **Your Price \$300.00**



Apantac 1x2 Passive 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.

- Compact design • Compatible for 3G/HD/SD-SDI and ASI
- Cable reach up to 100 meters

APA-DA-2HD • **Your Price \$125.00**



NEW! **KRAMER**

Kramer 4K HDR Repeater and Extender for HDMI 2.0 and HDCP 2.2 Signals




- Max. Resolution - 4K@60Hz (4:4:4)
- Range Extension - 4K@60Hz (4:4:4) up to 10m (33ft), (5m on the input to the PT-101H2 and 5m on the output); 4K@30Hz (4:4:4) up to 20m (66ft) (15m on the input to the PT-101H2 and 5m on the output)
- Max. Data Rate - 17.82Gbps (5.94Gbps per data channel)
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances
- HDMI Output Power Follows Input
- HDR (High Dynamic Range) Support
- Transparent HDMI 2.x and HDCP 2.2 Support

KR-PT-101H2 • Reg. \$331.00 Your Price \$264.80

Kramer 1x4 4K UHD HDMI to HDBaseT Distribution Amplifier



- Maximum Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- Max. Resolution - Up to 4K UHD and WUXGA, including 4K @60Hz (4:2:0).
- HDMI Support - 3D, Deep Color, x.v.Color, 3D.
- HDCP Compliance - Sources that support HDCP output HDCP protected content.
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal integrity to travel longer distances.
- I-EDIDPro Kramer Intelligent EDID Processing - An intelligent EDID handling and processing algorithm that ensures Plug and Play operation for HDMI systems.

KR-VM-4HDT • Reg. \$1050.00 Your Price \$840.00

Ocean Matrix OMX-HDMI2E-1X4 1x4 4K UHD HDR HDMI 2.0 Splitter Distribution Amplifier with EDID Control

A compact 1x4 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 four (4) HDMI displays, projectors, extenders or other HDMI enabled devices. Supports resolutions up to 4K/UHD (4096 x 2160) and meets all standards for HDMI 2.0 and HDCP 2.2 specifications. To simplify installations, the OMX-HDMI2E-1X4 employs EDID management to ensure device compatibility and communication between display and source.



OMX-HDMI2E-1X4 Your Price \$149.95

Ocean Matrix Splitter 4K HDMI 2.0 Distribution Amplifier

- Distributes 1 HDMI Source to 2 or 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
- HDMI2.0 Compliant
- HDCP2.0 Compliant/Audio - Supports Standard, Direct Stream Digital, and HD/HBR

OMX-HDMI-1X2-4K2 • 1x2 Splitter Your Price \$51.95

OMX-HDMI-1X4-4K2 • 1x4 Splitter Your Price \$83.95

Kramer VM-2HXL 1:2 HDMI Distribution Amplifier

- Max. Data Rate - 2.25Gbps
- HDTV Compatible • HDCP Compliant
- HDMI 1.3a Compliant
- Enhanced EDID (Extended Display Identification Data) - The unit can store and recall a default EDID setting in non-volatile memory from one of the outputs allowing convenient and reliable connection to the source.
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal integrity to travel longer distances.



KR-VM-2HMXL • Reg. \$295.00 Your Price \$236.00

Kramer VM-4HC 1:4 HDMI Distribution Amplifier

- Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel).
- HDTV Compatible. • HDCP Compliant.
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal to travel longer distances.
- I-EDIDPro Kramer Intelligent EDID Processing - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems. EDID Acquisition - Default, single output or all connected outputs (auto-mix).
- HDMI Support - Deep Color, x.v.Color, up to 7.1 Uncompressed Audio Channels. • 3D Pass Thru. • Active Input & Output LED Indicators.



KR-VM-4HC • Reg. \$495.00 Your Price \$396.00

Atlona Rondo 4K HDR HDMI Distribution Amplifier

- The Atlona Rondo 444 is a 1x4 HDMI DA, the Atlona Rondo 442 is a 1x2 DA for high dynamic range (HDR) formats.
- It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps.
- Ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays.
- Compatible with all video resolutions, audio formats, and color space formats supported in the HDMI 2.0a specification, plus the ability to pass metadata for HDR content.
- Includes EDID management features, front panel LED indicators for power and signal status, and the capability to cascade several units without compromising performance.



ATNO-AT-RON-442 • Two-Output HDMI DA Your Price \$340.00

ATNO-AT-RON-444 • Four-Output HDMI DA Your Price \$430.00

Muxlab 4K HDMI Splitters

Muxlab 500421: Distributes one HDMI source to four displays • Supports up to 1080p @ 60Hz, Deep color 12-bit and 4K 3840x2160 @ 24, 25 & 30Hz • Supports Dolby TrueHD and DTS-HD Master Audio

Muxlab 500423: Distribute one HDMI source to two displays • Support up to 1080p @ 60Hz, Deep Color 12-bit • Support Dolby TrueHD and DTS-HD Master Audio

Muxlab 500425: Distribute one HDMI 2.0 source to two displays • Supports up to 4K @ 60Hz (4:4:4) • HDCP 1.4 and 2.2 compliant • Supports HDR and Deep Color

MUX-500421 • 2K/4K/UHD HDMI 1x4 Splitter • Your Price \$86.00

MUX-500423 • 4K-UHD 1x2 HDMI Splitter • Your Price \$67.00

MUX-500425 • 4K60 Ultra HD HDMI 1x2 Splitter • Your Price \$164.00

Vanco 4K HDMI Clock Re-Synthesizer/Conditioner



- Supports Resolutions up to 4K@60Hz, 4:4:4 chroma with HDR10/Dolby Vision
- HDCP 2.2 compliant • Perfectly integrated with other HDMI over UTP products

VCO-HD4KCLK • Reg. \$179.00 **Your Price \$139.00**

StarTech 1x4 4K HDMI Splitter



- The ST124HD4K 4-port 4K HDMI splitter lets you share four HDMI displays or projectors with an HDMI-enabled audio / video source devices, such as a computer, Blu-ray player or cable TV set-top box.
- With support for Ultra HD (4K) the HDMI splitter ensures astonishing picture quality, four times the resolution of high-definition 1080p at 30 Hz.
- The 4K splitter is also backward compatible with previous HDMI revisions, supporting 1080p / 720p HDMI video resolution devices.
- Save time while setting up your splitter with EDID emulation ensuring all of your native settings.

ST-124HD4K • Reg. \$98.99 **Your Price \$79.95**

AVPro Edge HDMI Distribution Amplifiers



The AC-DA14-AUHD is a part of the first true 18Gbps distribution amplifier family. (Others in this family are the AC-DA14-AUHD and

the AC-DA18-AUHD) This product is ideal on all applications where stable distribution is key. These distribution amplifiers can be cascaded for extended distances and additional outputs.

Where Does It Fit? Retail signal distribution, Bars & Restaurants, Digital Signage, Cascading

AC-DA12-AUHD • 1x2 HDMI DA **Your Price \$199.00**

AC-DA14-AUHD • 1x4 HDMI DA **Your Price \$299.00**

AC-DA18-AUHD • 1x8 HDMI DA **Your Price \$599.00**

AVPro Edge 2x10 Distribution Amplifier with HDBaseT and 8 Receivers



- The AC-DA210-HDBT is designed for massive distributions over extreme distances.
- Simplicity and "Plug & Play" are focal points of this unit. With RS-232 and IR you can manage your end points as well for things like "Power On" or "Power Off".

- Additionally, these have two switchable inputs making for more robust systems. The dual HDMI inputs allow you to expand the switching virtually forever.

AC-DA210-HDBT-KI • **Your Price \$4440.00**

KanexPro 1x4 HDMI 4K UHD Video Wall Processor with Bezel Correction



- 1x4 Video Processor with Built-in Bezel Correction and Control
- Can be cascaded to create up to 3x3 Video Wall (9- displays)
- Can also be used as a 1x4 DA (splitter)
- Supports 4K x 2K@24/25/30Hz • HDCP compliant
- Outputs video signal to 4 displays with a full image & adjustable Bezel Correction
- Input PC resolutions: from VGA~WUXGA & HDTV from 480i~1080p & 4K2K@24/25/30Hz
- Various Audio Format Support: AC3/DTS/Dolby Digital Plus/Dolby TrueHD/Dolby Atmos and DTS-HD Master Audio

KAN-VW-SP1X44K • **Your Price \$2999.95**

KanexPro 1x8 HDMI Distribution Amplifier Kit



- Distribute & Extend HDMI over single CAT5e/6 to eight HD displays • Includes 8-independent receivers
- Supports transmission distance up to 394 ft. (120m) • Supports full HD 1080p (1920 x 1080@60Hz)
- Control via IR (kits included)
- Supports 5.1, 7.1 digital audio and uncompressed LPCM
- Live status indicator thru LED's • HDCP 1.4 & EDID support for multiple displays
- Simple set up with zero configuration • Wall-mountable design

KAN-SP-HDCAT1X8 • Reg. \$1299.95 **Your Price \$1099.00**

KanexPro Ultra-Slim 18G 4K HDMI 4-Port Distribution Amplifier



- Ultra-Slim 1x4 HDMI DA with 4K UHD resolutions
- Supports 1080p/60 & 4K/60Hz resolutions
- Supports YUC 4:4:4 color space with HDR 10



- Incredibly thin design - only 0.4" thick
- High-bandwidth 18 Gbps • Transmits 4K up to 10m (32ft.) • HDCP 2.2 compliant
- Auto-identifies input resolutions to match displays • Supports EDID management
- Firmware update via micro USB • Perfect for installing behind a thin bezel display

KAN-SP-1X4SL18G • **Your Price \$189.00**

KanexPro 1X2 HDMI Splitter with 4K Cinema Resolutions



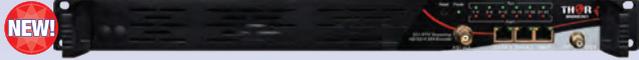
- Distribute high-resolution HDMI signals to 2 Ultra HD displays
- Supports full 3D and 4Kx2K resolution
- Supports full HD 1080p (1920 x 1080@60Hz)
- Computer resolution up to WUXGA (1920 x 1200@60Hz)
- HDCP & CEC compliant Supports
- Supports latest HDMI High Speed Specifications

- 12-bit per channel (36-bit all channel) Deep color

- Compact metal enclosure

KAN-SP-HD1X24K • 1x2 Splitter **Your Price \$37.99**

KAN-SP-HD1X44K • 1x4 Splitter **Your Price \$64.99**



Thor Fiber 12 HD/SD-3G SDI CATV RF Modulators

Thor Broadcast's high density HD encoder RF modulator has an all new platform for modulation for up to 12 SDI Inputs in SD/HD/3G-SDI sources while simultaneously being able to output IP Transport Streams from those sources.

The **H-12SDI-QAM-IPLL** is a CATV Digital Modulator with 12 SDI Input + ATSC/QAM RF INPUT, IPTV TS INPUT and CATV RF COAX Output + IPTV TS output + ASI output - LOW LATENCY - UP to 1080p/60.

The **H-12SDI-ATSC-IPLL** is a 12 HD/SD-3G SDI input to ATSC (OFF AIR) RF Output Modulation and IPTV output supporting Low latency up to 1080p/60 12 SDI to CATV RF Modulator and IP Video Encoder.

- H-12SDI-ATSCIPLL** • Reg. \$16243.75 **Your Price \$12995.00**
- H-12SDI-QAM-IPLL** • Reg. \$16243.75 **Your Price \$12995.00**

Thor Fiber 12 HDMI Input to CATV RF QAM Output and IPTV Output

The high capacity H-12HDMI-QAM-IPLL Encoder Modulator from Thor Broadcast has a sophisticated redesigned platform for enabling modulation of up to 12 HDMI sources and 12 CVBS CC(Closed Caption) sources simultaneously.

- (Data 1 port) over UDP and RTP
- MPEG1 Layer II; Dolby AC3, AC3 pass through ; MPEG-2 AAC, MPEG-4 AAC
- HD (1080i/720p) to SD (576p/480p) downscale conversion
- 1MPTS and 24 SPTS IP (DATA1 and DATA2 port) output over UDP, RTP/RTSP
- ASI output mirrors one of the RF carriers

- H-12HDMI-QAMIPLL** • Reg. \$10993.75 **Your Price \$8795.00**



Thor Fiber High Density Encoder Modulators with up to 24 Inputs for CVBS Video

The **H-24AV-ATSC-IP** is a 24 channel CVBS (Baseband Video) to DVBT and IP robust 1RU system for building a whole headend in as little rack space as possible.

The **H-24AV-QAM-IP** is a 24 channel CVBS -composite analog video / audio to QAM digital modulator and IPTV streamer. Robust 1RU system for building a whole headend in as little rack space as possible.

- 8/12/16/20/24 A/V CVBS inputs with MPEG2 Encoding - Modulated 4 RF output - and 4 MPTS's IP TS ouput
- MPEG1 Layer II, AC3(2.0) Audio encoding and supports audio gain adjustment
- 1DVB-C tuner input for re-mux
- 128 IP input over UDP and RTP protocol
- 4 groups of multiplexing/scrambling/modulation output channels

- THR-24AV-ATSC-IP** • Reg. \$5493.75 **Your Price \$4395.00**
- THR-24AV-QAM-IP** • Reg. \$5493.75 **Your Price \$4395.00**

Thor Fiber 1Ch HD-SDI Transmitter & Receiver Kit Over Singlemode Fiber ST/PC 20km

Transmit HD-SDI video over distances of up to 12 miles!



Thor compact SDI fiber extender kits are designed to increase the range of digital SD-SDI or HD-SDI video signals over singlemode or multimode fiber optic cable.

- Supports 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
- Link alarm indicators on both Tx & Rx indicate a problem with the fiber

- THR-M1SDI-TX-RX** • Reg. \$436.25 **Your Price \$349.00**

Thor Fiber Digital RF Pocket Modulator with A/V or HDMI In and QAM/ATSC/DVBT/ISDBT Output



TheH-PCKT-MOD modulator supports all cable and terrestrial standards. Easy to read LCD screen and simple push button controls means anyone can setup their own personal Cable QAM channel from any HDMI source in a matter of seconds.

- MPEG2 Encoding
- Closed Caption available via CVBS input
- Supports multiple digital TV standard (ATSC, DVB-C (Cable QAM), ISDB-T, DVB-T)
- Easy to use color LCD panel and 6 key buttons
- Supports AC3 and AAC

- THR-PCKT-MOD** • Reg. \$556.25 **Your Price \$445.00**

Thor F-4TEL Fiber Optic to RJ11 Telephone Media Converter



- Extend 4 telephone voice transmission from 2km(multimode) to 120km(singlemode) over fiber
- Simple plug and play devices, install and use within minutes
- Supports telephone voice transmission
- Supports caller ID pass through • Selectable FXO or FXS mode
- Supports FXS to FXS hot link

- THR-4TEL** • Reg. \$1493.75 **Your Price \$1195.00**

Thor Fiber Gigabit Ethernet 1000Mbps to Fiber Converter for Singlemode Fiber



- Compliant with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standard
- Auto MDI/MDI-X support on RJ-45 port
- Auto polarity correction on RJ-45 port

- Local and Remote loop back test for first time installation and troubleshooting
- Low power consumption • Compatible with other Gigabit 1000Base-T/SX/LX devices
- Status LEDs for easy monitoring of device status • External power supply
- FCC Class A & CE approved

- THR-F-GET-TR-SM** • Reg. \$181.19 **Your Price \$144.95**

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. \$3743.75 **Your Price \$2995.00**



VIDEO OVER FIBER

FiberPlex TD-6010 (Pair) Optical Converters

The FiberPlex Technologies 'TKIT' bundles takes the incredible flexibility of the TD-6010 12.5 Gbps workbox and bundles it with a set of application specific SFP modules to create a simple, easy to order solution for your specific application. Includes AC Power Adapters. All TKIT boxes come equipped with a USB 2.0 Micro-B Connection for monitor control.



fiberplex

TKIT-HDMI-M • HDMI Video to Multimode - Optimized 850nm - 500m • **Your Price \$2134.00**

TKIT-HDMI-S • HDMI Video to Singlemode - Optimized 1310nm 20km • **Your Price \$2380.00**

TKIT-MADI-M • MADI (AES10) to Multimode - 1310nm 2km • **Your Price \$1750.00**

TKIT-MADI-S • MADI (AES10) to Singlemode - 1310nm 20km • **Your Price \$1936.00**

TKIT-3GXC-M • 3GSDI Video to Multimode - Optimized 850nm • **Your Price \$1858.00**

TKIT-3GXC-S • 3GSDI Video to Singlemode - Optimized 1310nm • **Your Price \$2104.00**

TKIT-ETH-M • 10/100/1000 Base-T Ethernet to Multimode - 1310nm 2km • **Your Price \$1169.95**

TKIT-ETH-S • 10/100/1000 Base-T Ethernet to Singlemode - 1310nm • **Your Price \$1416.00**

TKIT-DANTE-M • Preconfigured DANTE to Multimode - 1310nm 2km • **Your Price \$1204.95**

TKIT-DANTE-S • Preconfigured DANTE to Singlemode - 1310nm 20km • **Your Price \$1416.00**

AJA 2-Channel SDI to LC Fiber (CWDM) Transmitter

The AJA OG-FIBER-2T-X is a state of the art, openGear compatible, 2-channel 3G-SDI to Fiber converter with CWDM SFP options, enabling 3G-SDI signals



to be extended up to 10 km (32,808 ft) over standard single-mode fiber optic cable. The two 3G-SDI inputs are completely independent allowing different 3G-SDI rates to be carried on each channel.

- Automatic detection and re-clocking of 270Mb, 1.5Gb, and 3Gb SDI data rates
- "Input Present" and "Input SMPTE Lock" LEDs • Hot-swap capable
- Compatible with DFR-8321 and OG3 openGear frames
- Video Formats: 100 Mbps - 3 Gbps, format agnostic
- Video Input Digital: 2-Channel independent 3G-SDI Inputs, SMPTE-259/292/424
- Video Output Digital: 2-Channel independent CWDM LC Fiber Outputs, SMPTE-297* Optical Power: -5dBm (min), 0dBm (max); Extinction Ratio: 7.5dB (Typ)
- Reclocking: 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select - All other rates are passed through and not relocked

AJA-OG-FIBER-2TX • **Your Price \$545.00**

AJA FiDO Series Fiber / SDI Converters

- Transport of SDI, HD-SDI, and 3G HD-SDI over single mode optical fiber
- Auto-detection of video format
- All SDI Ancillary data including embedded audio is passed
- LC fiber connectors
- Simplex or duplex models available
- All inputs, either SDI or fiber, are equalized and re-clocked
- ASI compatible • Useful for eliminating ground loop problems



AJA-FIDO-2R • Dual Channel Fiber to SDI Receiver..... **Your Price \$645.00**

AJA-FIDO-2T • Dual Channel SDI to Fiber Transmitter..... **Your Price \$645.00**

AJA-FIDO-R-ST • 1-CH ST Fiber to SDI w/Dual SDI Outputs..... **Your Price \$445.00**

AJA-FIDO-T-ST • 1-CH SDI to ST w/ with Looping SDI Out..... **Your Price \$445.00**

AJA-FIDO-TR • AJA FiDO-TR SDI/Fiber Transceiver **Your Price \$645.00**

PRODUCTION ESSENTIALS

markertek®

LYNX Technik 4 Channel SDI Receiver for OTR-1441 Kit



- Support for 4 independent 3G/HD/SD-SDI channels
- Transport 4K (uncompressed) up to 20km (12 miles)
- Each channel supports resolutions up to 1080p/60Hz
- Each channel individually relocked

LYNXTechnik • Embedded audio / metadata support
yellobrik • Integrated expansion port for future use
• LED indicators for channel activity and power

• Kit includes transmitter, receiver and power supplies

• Optional 19" Rack tray to mount (max) 4 modules

LNK-ORX-1441 • Reg. \$2612.50 **Your Price \$2475.00**

Lynx 4 Channel Fiber CWDM Optical Mux/Demux with LC Connectors 1450-1530

The OCM 1843 is a compact CWDM passive 4 channel optical multiplexer/demultiplexer designed to send and receive up to 4 individual signals over a single fiber link.



• Send / receive up to 4 channels over a single fiber link

• Passive operation (no power required)

• Combine all four modules for up to 16 channels

• LC/PC single mode optical connections

• Optional 1/2 RU 19" rack frame (RFR 1018)

LNK-O-CM-1843 • Reg. \$1175.00 **Your Price \$1116.25**

Yellobrik 3Gbit SDI to Fiber Optic Transmitter ST Singlemode

The OTX 1812 is a compact SDI to fiber optic transmitter designed to combat the restrictions involved with the distribution of uncompressed broadcast quality video signals over long distances.



• Supports SDI video inputs up to 3Gbit/s (1080p60)

• Auto relocking 270Mbit / 1.5Gbit / 2.97Gbit

• Error free optical transmission • Relocked SDI loop out connection

• Versions for LC, ST or SC fiber connections • Multimode version available

• Up to 10km (6.2 miles) @ 3Gbit/s (singlemode)

• Up to 300m (984 feet) @ 3Gbit/s (multimode)

• Supports hot swapping and hot plugging

LNK-ORX-1802-ST • Receiver • Reg. \$444.00 **Your Price \$421.80**

LNK-OTX-1812-ST • Transmitter • Reg. \$444.00 **Your Price \$421.80**

LYNXTechnik yellobrik

NCEO NATIONAL CENTER FOR EMPLOYEE OWNERSHIP



Meet Jon!
Engineering Manager
since 1999

AVPro Edge Ultra Slim 100 Meter (100M HD) 4K60 4:4:4 HDR HDBaseT Extender

- The AVPro Edge AC-EX100-444-KIT HDBaseT extender can deliver a virtually lossless high bandwidth 4K HDR signal with support for all signals up to 18Gbps
- HDMI 2.0(a/b)
- 2 Ethernet ports (on Tx & Rx) for extending a LAN network
- 18Gbps Bandwidth Support (Using ICT) • Ultra Slim Chassis
- Up to 4K60 4:4:4 Support • Full HDR Support (HDR 10 & 12 Bit)
- HDR, HDR10 and HLG Support • Dolby Vision Support
- 4K --> 1080P Down-scaling for mixed systems
- EDID Management and EDID emulate
- 4K & HD Test Patterns built into Tx and Rx for troubleshooting
- L/R Audio Extraction via Toslink • HDCP 2.2 (and all earlier versions supported)
- CEC Pass Through • 3D Support • 100M 4K (up to 4K60 4:4:4, HDR) (Cat6a)

AC-EX100-444-KIT • Your Price \$1199.00



Atlona 4K HDR HDMI Over 100 M HDBaseT TX/RX with Ethernet Control PoE and Return Audio

- Cost-effective and ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays.
- 4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats • HDCP 2.2 compliant
- HDBaseT extender kit for HDMI®, Ethernet, power, and control up to 330 feet (100 meters) • Receiver powered by transmitter via PoE (Power over Ethernet)
- Extends RS-232, IR, Ethernet, and CEC control signals over HDBaseT
- Delivers return audio from a TV via dedicated audio pathway

ATNO-ATEX100CEAK • Your Price \$920.00

Atlona 4K/UHD HDMI Over HDBaseT TX/RX

- Transmits HDMI signals up to 230 feet (70 meters) @ 1080P and 130 feet (40 meters) @ 4K/UHD using CAT6a/7 cable
- Uses easy-to-integrate category cable for low-cost, reliable system installation
- Future proofs AV systems in preparation for technology improvements, 4K/UHD streaming services and playback devices
- HDCP 2.2 compliant • Field updatable firmware • Rear panel I/O connectors
- LED indicators provide power and status information
- Easy installation into racks and confined spaces behind displays

- ATNO-UHDEX70KIT • HDBaseT TX/RX Kit with PoE Your Price \$400.00**
- ATNO-UHDEX702PS • HDBaseT TX/RX Kit Your Price \$310.00**
- ATNO-UHDEX70CKIT • HDBaseT TX/RX w/ Control & PoE Your Price \$500.00**
- ATNO-UHDEX70CRX • HDBaseT Receiver w/ Control & PoE..... Your Price \$250.00**
- ATNO-UHDEX100CER • Over 100M HDBaseT RX w/ Control & PoE \$350.00**
- AT-UHDEX100CEKIT • Over 100M HDBaseT TX/RX w/ Control & PoE \$700.00**



Kramer All-in-One Presentation System with 6x2 4K60 4:2:0 HDMI/HDBaseT Matrix Switching

- The VS-622DT is an all-in-one 4K@60Hz (4:2:0) presentation system with 6x2 HDMI/HDBaseT matrix switching, control gateway, PoE, power amplifier, and Maestro room automation.
- The unit reclocks and equalizes the signals and can route any input to the HDMI or the HDBaseT output or to both outputs simultaneously.
- VS-622DT is also a control gateway that can send control signals over the Ethernet or HDBT LINE with control ports that include: two RS-232, four IR, two GPI/O, and two relays to control a wide variety of AV devices.

KR-VS-622DT • Reg. \$3896.00 Your Price \$3116.80



Kramer 4K60 4:2:0 Long-Reach HDBaseT Transmitter & Receivers

- High-performance, long-reach HDBaseT receivers for 4K@60Hz (4:2:0) DVI/HDMI, RS-232 and IR signals over twisted pair.
- They extend video signals to up to 40m (130ft) over CAT copper cables at up to 4K@60Hz (4:2:0) 24bpp video resolution and provide even further reach for lower HD video resolutions.
- The TP-580RA de-embeds the stereo audio signal on its digital and analog audio ports.
- The TP-580TD is a high-performance, long-reach HDBaseT transmitter for 4K@60Hz (4:2:0) HDMI, RS-232 and IR signals over twisted pair, via single-link DVI-I connection.

KR-TP-580RA • Receiver - Stereo Audio Extraction • Your Price \$428.00

KR-TP-580RD • Receiver • Your Price \$348.00

KR-TP-580TD • Transmitter • Your Price \$348.00



Kramer HDMI - Bidirectional RS-232 & IR over HDBaseT Extenders

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- HDMI Support - Deep Color, x.v.Color, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC.
- 3D Pass-Through. • EDID PassThru • 2K & 4K Support.
- Bidirectional RS-232 & IR Interface. • System Range - Up to 70m (230ft).

KR-TP-580T • Transmitter • Reg. \$240.00 Your Price \$192.00

KR-TP-580R • Receiver • Reg. \$240.00 Your Price \$192.00



Gefen 4K Ultra HD HDBaseT Extender with 2-way IR and POL

- Extend HDMI up to 230 feet/70 meters at 1080p and up to 130 feet/40 meters at 4K, using one CAT-5e or better cable.
- Resolutions up to 4K Ultra HD (3840 x 2160 @ 60 Hz 4:2:0) with 7.1 channels of HBR (High Bit Rate) lossless digital audio are supported.
- This product provides 2-way IR extension between the Sender and the Receiver units, facilitating the control of A/V sources placed near the Sender unit and sending automation commands to the display or another device placed near the Receiver unit.

GEF-GTB-UHD-HBTL • Reg. \$399.00 Your Price \$274.38



HDBaseT EXTENDERS

PRODUCTION ESSENTIALS



Zigen 4K60Hz 18G Extender Set - 12-V POC with Bi-Directional IR & RS232 supports HDR-10

NEW!



- The ZIG-POC-70 is the latest innovative product from Zigen.
- 4K/60Hz 4:4:4 HDMI extender over single UTP/STP, with Bi-Directional IR and RS232.
- Robust and cost effective - the ZIG-POC-70 is ideal for all your residential HDMI distribution.



- Extend HDMI signals up to 70 meters/230 feet by using Cat-6a
- Supports HDR-10 • Supports HDMI 2.0 • HDCP 2.2 compliant
- Supports CEC pass-through

ZIG-POC-70 • Your Price \$399.00



Zigen 4K/60Hz 18G Extender Sets 48V POE Bi-Directional IR & RS232

NEW!



- The latest innovative new product from Zigen.
- 4K/60Hz 4:4:4 HDMI extender over single UTP/STP, with Bi-Directional IR and RS232.
- Robust and cost effective - the right HDMI extender for all of your projects requiring 24/7 flawless operation.
- Supports HDR-10 • Supports ARC
- Supports Dolby Vision 4K@ 30Hz
- Supports HDMI 2.0 • HDCP 2.2 compliant

ZIG-POEPRO-100A • Extends 100 meters/330 feet • Your Price \$835.00

ZIG-POEPRO-70A • Extends 70 meters/230 feet • Your Price \$585.00

Intelix HDMI Slim 70M POH IR and Control HDBaseT Extender

- The Intelix INT-HD70-TX extends HDMI, IR, and RS232 over a single solid core shielded CAT5e or greater cable using the Valens VS010TX HDBaseT chip.
- The INT-HD70-TX supports a 1080p video signal, including HDCP 2.2 and multichannel audio, up to 70m, as well as 3D and 4K x 2K (UHD) signals up to 40m.
- Built-in surge protection and diagnostic LEDs ensure hassle-free and robust installations.



NEW!



INX-INT-HD70-TX • Transmitter • Reg. \$249.95 Your Price \$224.96

INX-INT-HD70-RX • Receiver • Reg. \$249.95 Your Price \$224.96

NEW!

KanexPro 4k/30Hz HDMI Extender Over HDBaseT - 230 Feet & PoC



- Basic point-to-point HDMI extender over HDBaseT
- Extend full HD 1080p up to 70m (230ft.)
- Extend 4K/30 up to 40m (131ft.)
- Supports Ultra HD 4K@30Hz resolutions &
- Video resolutions from 1080p/60@48bit
- Bi-directional PoH (power over cable)
- HDCP 2.2 & EDID compliant
- Bandwidth 10.2 Gbps
- Bi-directional RS-232 & IR control



- Supports CEC/IR/RS-232 pass-thru
- IR input/output - embedded over CATx extension

KAN-EXT-HDBT70C • Reg. \$249.95 Your Price \$225.00

ATEN DisplayPort Cat6 HDBaseT-Lite Extender Kit



NEW!



- HDBaseT Connectivity - extends a DisplayPort connection up to 70 meters via a single Cat 6a cable or ATEN 2L-2910 Cat 6 cable
- DisplayPort v1.1*; HDCP 1.4 compliant
- Superior video quality - 4K @ 35 m (Cat 5e/6) / 40 m (Cat 6a/ATEN 2L-2910 Cat 6 cable) and 1920 x 1080 @ 60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat 6 cable)

- HDBaseT Anti-Jamming - resists signal interference during video transmission using HDBaseT technology

ATEN-VE901 • Your Price \$494.28

Marshall HDBaseT Transmitter and Receiver Kit



NEW!



- The Marshall VAC-HT12-KIT 4K HDBaseT Extender Kit allows you to extend 4K HDMI signals, RS232 and infrared control signals up to 100m (328 ft).
- The VAC-HT12-KIT consists of two units: the VAC-HT12-T Transmitter and VAC-HT12-R Receiver.

- The VAC-HT12-T combines HDMI with IR remote control & RS232 over a single CAT5e/6/6a/7 cable.

- The VAC-HT12-R receives and separates HDMI, IR remote control & RS232 signals and provides 12VDC (max 1A) accessory power.

MAR-VAC-HT12-KIT • Reg. \$499.00 Your Price \$399.00

Startech HDMI over Cat5 Cable Extender with IR and Serial - HDBaseT Extender - 4K

- Get hassle-free video and control extension with HDMI, IR, RS-232 and power extended over a single CAT5e or CAT6 cable
- Ensure a reliable video extension with an HDBaseT certified extender kit
- Maintain astonishing picture quality at up to 115 ft. (35 m) away, with support for Ultra HD 4K over non-proprietary CAT5e or CAT6 cabling
- Also supports HD video resolutions such as 1920x1200 or 1080p at distances up to 230 ft (70m)



ST-ST121HDBTL • Your Price \$342.73

Avenview HDBaseT HDMI CAT5/6/7 Repeater with POE/LAN/RS-232/ Bi-directional IR 100m

- Simply allows HDBaseT systems to be both extended and cascaded.
- Input: HDMI with 3D & 4Kx2K, 1080p, HDCP and DVI compliant
- Video bandwidth: From 300MHz / 9 Gbps
- PC resolutions: Up to VGA to WUXGA
- HD resolutions: Up to 4Kx2K (3840x2160@30Hz and 4096x2160@24Hz) 1080p (1920x1080@60Hz)
- Audio supported: LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio
- Audio transmission: (32-192kHz sample rate)
- Supports: CEC bypass • Distance: Up to 100 meters through CAT6e/6a/7 cables



AVW-HBT-C6POE-EX • Your Price \$395.00

Muxlab HDMI Over IP Uncompressed Transmitter - 4K/60

The 500768-TX HDMI over IP Uncompressed Extender, 4K/60 allows HDMI source equipment supporting up to 4K (3840x2160) resolution @ 60Hz to be connected via Cat5e/6 cable up to 330ft (100m) from a 10G Ethernet Switch, in point-to-point, point-to-multipoint and multipoint-to-multipoint configurations.



- The Transmitter and Receiver, also each support a 1G Ethernet Switch port to connect additional network devices, plus a directional IR port and RS232 port for remote control of end devices.

- Environment: HDMI 2.0 and HDCP 2.2
- Devices: Blu-Ray, projectors, monitors, TV, PC, laptops, and media servers supporting HDMI.
- Bandwidth: 594 MHz • Signals: HDMI 2.0 protocol
- Maximum Distance: Cat5e/6: 330ft (100m) up to 4K @ 60Hz (4:2:0)

MUX-500768-TX • Transmitter • Reg. \$980.00 Your Price \$672.00

MUX-500768-RX • Receiver • Reg. \$980.00 Your Price \$672.00



Ocean Matrix HDMI Over IP Extender HDMI to CAT5/CAT6 Converter



- 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 • Robust Aluminum Housing



OMX-HDMI-2-IP • TX/RX Set..... Reg. \$130.00 Your Price \$125.00

OMX-HDMI-2-IP-R • Receiver Only Reg. \$95.00 Your Price \$89.95

OMX-HDMI-2-IP-T • Transmitter Only Reg. \$80.95 Your Price \$77.95

Ocean Matrix 1080p HDMI Extender over Single Cat6 with Looping Out



- Supports 1080p HDMI resolution
- Transmits over a single CAT6 up to 197 feet
- Local HDMI loop-out on transmitter
- IR signal transmission support
- Works with HDMI HDCP compliant devices

OMX-HDMI-CAT6 • Reg. \$105.00 Your Price \$101.00



Ocean Matrix 1080p 1x8 HdbiT HDMI Splitter & CAT6 Extender Kit with IR Control & Receivers

- Distribute a single HDMI source to up to 8 HDMI displays simultaneously
- Delivers a full 1080p 60Hz HDMI signal up to 394 feet over a single Cat6 network cable!
- Complete install kit includes 1x8 transmitter & 8 receivers
- Transmits over a single Cat6a up to 500 ft/Cat6 394 ft/Cat5e 328 ft/Cat5 240 ft
- Supports IR signal transmission • HdbiT technology delivers excellent image clarity



OMX-HDMI-HDB1X8 • Reg. \$840.00 Your Price \$799.00



MuxLab CATV Balun II 75ohm Coax Videoease CAT5 Balun

- Supports broadband RF, CATV, VHF and FM.
- Supports channels CATV 2-77, VHF 2-13, FM broadcast band.
- Works with CATV, satellite receivers, VCR, RF splitters and amplifiers.
- Up to 330 feet (100m) via Cat 5 twisted pair
- Bandwidth 550 MHz.
- Low return loss eliminates "ghosting"
- Built-in male "F" connector for coax
- RJ45 connector for twisted pair • FCC Part 15 Class A and Class B



MUX-500302 • Reg. \$54.00 Your Price \$35.95

Atlona Passive DVI Extenders Over single Cat5/6/7



- DVI 1.1 compliant
- Extend the transmission length 50m (160ft) at resolutions up to 1920x1200 or 55m (180ft) at resolutions up to 1024x768
- Easy to install • Compact size

- No power required (passive) • Direct plug-in
- Capable of using CAT5/6/7 • Network Traffic LEDs

ATNO-DVI60SRS • Your Price \$250.00



Kramer PT-572Plus HDMI Over Twisted Pair Receiver

- Max. Data Rate - 1.65Gbps. • 3D Pass-Through. • DGKat™ Signal Integration
- HDTV Compatible. • HDCP Compliant. • HDMI Support
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC−DGKat524 cable.
- EDID PassThru - Passes EDID signals between the source and display.
- Status LED - Lights red when receiving power only, orange when output and power are attached, and yellow when both an active input and output are attached.



KR-PT-572-PLUS • Receiver • Reg. \$220.00 Your Price \$176.00

KR-PT571 • Transmitter • Reg. \$235.00 Your Price \$188.00



KanexPro Extends HD Signals over Single CAT 5e/6



- KanexPro HDEXT50M Extends 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.
- Supports data rates up to 1.65 Gbps per channel
- Supports full HD 1080p (1920x1080@60Hz)
- Digital audio support through HDMI • EDID compliant

KAN-HDEXT50M • Your Price \$79.00



KanexPro HDMI Extender Over CAT6 up to 196'

- 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) • Compact metal enclosure
- Built-in mounting kits • Easy to install • Only works with CAT6/CAT6a or better.

KAN-EXT-HD60M • Your Price \$91.42



Complex to Fiber Optic Converter / Extender

- Optimized for HDTV (HDCP Compliant) • Separate HDMI transmission and receiver units with professional ST connectors
- Extends HDMI up to 10 miles over singlemode fiber • Supports IR Device Control over the Complete Fiber Run
- Supports Graphic Resolution up to WUXGA (1,920 x 1,200)@60Hz, HDTV signal up to 1080p, 2k • Digital Video Bandwidth : 25'225 MHz (HDMI single link)



CMX-HDMI-F • Reg. \$260.00 **Your Price \$247.00**

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

CMX-HDMI-TR • Reg. \$420.00 **Your Price \$398.00**

NTI ST-C6HD-HDBT HDMI HDBase-T Extender with IR via One CATx to 600 Feet



- Transmits an uncompressed high speed HDMI signal over one CAT6a/7 solid cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200
- Extend up to 450 feet with solid CAT5e/6 cable
- Extend up to 600 feet with solid CAT6a/7 cable (23 AWG)
- Extend up to 5,600 feet when combined with NTI's ST-FOHD-LC HDMI Extender via Fiber Optic Cable

• Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control

- Only one power supply is necessary to power both the local and remote units

NETT-STC6HD-HDBT • **Your Price \$315.00**

Tripp Lite Wireless HDMI Extenders 1080p with IR Control



- Wirelessly Extends an HDMI Audio/Video Signal
- Easy no-fuss, no-mess setup with no costly cabling infrastructure
- Ideal for homes, offices, digital signage applications, trade shows and anywhere else where connecting long video cables is impractical

- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Extends IR control signals that control an HDMI source from the remote display
- Compatible with HDMI 1.3 and HDCP 1.2 • Uses a 5GHz wireless frequency

TRL-B126-1A1WHD1 • Up to 50m (165 ft) • Reg. \$448.00 **Your Price \$345.85**

TRL-B126-1A1WHD2 • Up to 200m (650 ft) • Reg. \$640.00 **Your Price \$471.45**

NEW & IMPROVED! Sescom SES-X-FA2 Portable 2-Channel Mic & Line Level Audio Over Fiber Extender Kit

Sescom's X-FA2 is a battery operated 2-Channel line level audio over fiber optic extender system that's perfect for broadcast or corporate studios, field audio operations, OB vans, rental, theaters, stadiums and more! Sescom's new and improved X-A2 design eliminates potential crosstalk issues.



9V Battery or AC Powered!

The Sescom X-FA2 can be powered externally or with a 9-volt battery making it the perfect fit in field applications.

Selectable Mic or Line Level on Each Channel

The Sescom X-FA2 provides two XLR line level inputs via XLR connectors. The receiver features an independent mic/line level switch on each channel giving you the flexibility to convert the line level audio to mic level.

Complete transmitter & receiver system with professional ST Connectors! The X-FA2 has a range of 12.4 miles using single mode fiber and up to 984 feet over multimode fiber cable.

SES-X-FA2 • **Your Price \$799.95**

BroaMan Converters for Single Mode Fiber/4x 3G-SDI

- 4 x 3G-SDI relocked video channels
- Plug and play, no configuration required
- Data rate per channel up to 3G, total up to 12G for 4K
- Metal robust housing for superior EMI performance
- Channel status LEDs
- PSU INCLUDED

BRM-RPT8NO4OUT3G • Single Mode Fiber to 4x 3G-SDI • **Your Price \$600.00**

BRM-RPT8NO-4IN3G • 4x 3G-SDI Input to Single Mode Fiber up to 80km • **Your Price \$600.00**



Hall Research EX-HDU Series HDMI and USB Extension on CAT6 with Audio and Integrated Control Receivers and Wall Plate Senders

- The EX-HDU is used to extend HDMI video and USB data on a single Cat6 cable up to 200 ft (60 meters).

- HDMI audio is extracted and is provided both as analog stereo and multi-channel digital.

- The EX-HDU can also be used to control other equipment by providing programmable contact closure I/O, RS-232 output, IR output, and optional LAN interface with internal WebGUI and IP control.

- The EX-HDU extender consists of an EX-HDU-WP single-gang wall plate transmitter and an EX-HDU-R (or EX-HDU-R-IP) receiver. They connect using standard CAT5e/6 UTP cabling up to 200 feet (60 Meters) long.



HRT-EX-HDU-R-IP • IP Receiver **Your Price \$413.25**

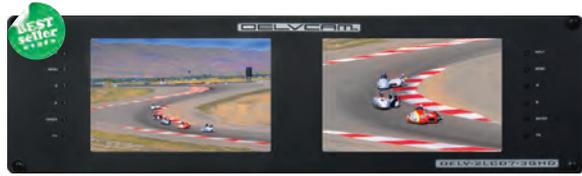
HRT-EX-HDU-WP • Wall Plate Sender..... **Your Price \$223.25**

HRT-EX-HDU-IP • Wall Plate Sender & IP Receiver **Your Price \$636.50**

HRT-EX-HDU-R • Receiver..... **Your Price \$318.25**

HRT-EX-HDU • Wall Plate Sender & Receiver **Your Price \$541.50**

DELVCAM[®]



Delvcam 3GHD/SD Multiformal 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 backlit
- Physical Resolution: 1280x800
- Aspect Ratio: 16:9
- Brightness: 400cd
- Contrast: 800:1
- Viewing Angle: 178°/178°(H/V) (IPS)

DELV-2LCD7-3GHD..... Your Price \$693.00

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 backlit
- 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 \$394.00

Delvcam 15" 4K UHD HDMI 3G-SDI Quad View LED 6RU Broadcast Monitor

Get the immediate satisfaction of visualizing what your viewers will see and seize control of your imagery.

- Rack mountable - fits standard 19" 6RU equipment rack
- 15-Inch viewing screen
- Multiple viewing options - full screen, split, quad
- Multiple interfaces
- 1 3G-SDI input
- 4 HDMI inputs: 1-4K, 3-1080p
- High contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting
- Aspect ratio: 16:9
- Brightness: 330cd/m²
- Contrast: 1000:1
- Viewing Angle: 176°/176°(H/V)
- Native resolution: 4K, 3840x2160
- Special functions: tally interface, check field, image flip, overscan, underscan, image freeze, color temperature, user definable function buttons
- Image control: peaking, split screen, quad view, user adjustable markers
- Input: 1 3G-SDI, 1 HDMI 2.0 (4K), 3 HDMI 1080p, 1 DVI, 1 VGA, 1 Audio
- Loop out: 1 3G-SDI

DELV-4KSDI15..... Your Price \$972.00

Delvcam Advanced Function 7" 3G-SDI Camera-Top LED Monitor

- Wide viewing angles
- High contrast 800:1
- Flexible frame rates 24FPS, 25FPS, 30FPS, 50FPS and 60FPS
- 5D-II camera mode
- 3G-SDI, YPbPr & HDMI input/output
- Flexible folding sunshade
- Wide voltage DC 7-24V
- Display Panel 7" LED backlit
- Physical Resolution 1024x600, support up to 1920x1080
- Aspect Ratio: 16:9
- Brightness 250cd/m2
- Contrast 800:1
- Viewing Angle 160°/150°(H/V)

DELV-SDI-7 • 7" Monitor..... Your Price \$425.00

DELV-SDI-10 • 10" Monitor Your Price \$666.00

Delvcam 4K UHD Multi-Format Quad View Broadcast Monitors Mounted in Rugged Carrying Cases

- 28-inch Viewing Screen
- Multiple Viewing Options: Full Screen, Split, Quad
- Multiple Interfaces
- 1 3G-SDI Input
- 4 HDMI Inputs: 1-4K, 3-1080P
- High Contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting
- Aspect Ratio: 16:9
- Brightness: 450cd/m²
- Contrast: 1000:1
- Viewing Angle: 170°/160°(H/V)
- Native Resolution: 4K, 3840x2160
- Special Functions: Tally Interface, Check Field, Image Flip, Overscan, Underscan, Image Freeze, Color Temperature, User Definable Function Buttons
- Image Control: Peaking, Split Screen, Quad View, User Adjustable Markers
- Input: 1 3G-SDI, 1 HDMI 2.0 (4K), 3 HDMI 1080P, 1 DVI, 1 VGA, 1 Audio
- Loop Out: 1 3G-SDI
- Compatibility: SDI A, SDI B limited to 1080i60

DELV-4KSDI28 • 28" Monitor Your Price \$1258.00

DELV-4KSDI24 • 24" Monitor Your Price \$1228.00



MuxLab 500840 HDMI/3G-SDI Triple LCD Display

- Triple 5-inch TFT LCD displays
- Supports HDMI (1080p), 3G-SDI and CVBS with Audio
- Fits 19-inch rackmount @ 2 RU
- Tri-color Tally light indicator per display
- Supports Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P & Image Freeze
- Customizable buttons tailored to customer needs
- Supports firmware update via mini USB



MuxLab

MUX-500840 • Reg. \$1499.00 Your Price \$929.95

datavideo® Datavideo Dual 10.1" LCD Monitor with built-in Vectorscope and Waveform



- The Datavideo TLM-102 Dual 10.1 inch 4RU Rack mount monitor, is a broadcast quality monitoring system with built-in vectorscope/waveform monitor and video signal converters.

- 1280*800 IPS Panel resolution
- Dual monitor, 4RU rack mount • Support 3G-SDI video input with loop-through output
- Support HDMI input with loop-through output • SDI, HDMI cross conversion
- Support column (YRGB peak), time code, waveform, vector scope & audio level meter, peaking, zoom, pix to pix, underscan, check field, etc

DV-TLM-102 • Your Price \$1199.00

ToteVision 19" HD LCD Monitor with TV Tuner - 1080p

- The ToteVision LED-1906HDMT is a high-definition, LED-backlit, mid-size LCD monitor housed in a durable metal case with a front control membrane.
- Built for active use in public spaces, this monitor is versatile and effective for any commercial video application.
- Displays HD signals (1080i/p and 720p)
- 3D + 3D image processing with digital noise reduction
- Built-in ATSC/Clear QAM Tuner • Durable Metal Housing
- Built-in speakers • 75mm VESA pattern for mounting
- IR remote control



**TOTE
VISION®**

TOV-LED-1906HDMT • Your Price \$500.00

Plura 10x47" 3G Broadcast Monitor (1920x1080)

- LCM-147, FULL HD 47" 1920 x 1080 True 10 bit LED Panel • 3Gb/s ready - 1080/60P
- 2 x Auto-detect with active loops (3Gb/s ~ 1.485Gb/s ~ 270Mb/s)
- RGB, YUV, Y/C, Composite, UXGA, DVI & HDMI (HDCP)
- Complies with EBU-2330 TECH, SMPTE-C and ITU-R BT.709 standards
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- Cutting edge De-interlacing and Scaling Technology • Fast Response Time for high Motion Video
- 12 Bit Color Processing • 178 Viewing Angle Display



plura®

PLUR-LCM-147-3G • Reg. \$3884.00 Your Price \$3495.60

Blackmagic Design Ultra HD 4K Audio Monitor



Blackmagicdesign

Blackmagic Audio Monitor provides the finest quality audio monitoring in an incredibly small one rack unit size! Featuring a dual subwoofer design with extra wide range speakers for amazing audio, all backed by a super powerful class A/B amplifier. This precision audio and video monitoring solution includes an advanced 6G-SDI input, as well as balanced XLR analog audio, balanced AES/EBU digital audio and consumer level HiFi audio inputs. The elegant front panel has bright multi colored audio level meters and a built in LCD for monitoring video sources, plus you get an HDMI 4K output for monitoring on larger screens!

BMD-AMONITOR • Your Price \$1495.00

Ward Beck Mini Cue Stereo Speaker With Digital and Ravenna AES67 Inputs

- Entry-level networked audio monitor
- Cost-effective and easy to install: saves your crew money, time and space!



WBS

- Comes with Ravenna and Digital AES Inputs
- AES output is provided for 'In Line' AES installs, or where Ravenna to AES conversion is required
- Connections are via 3-pin XLR and RJ45 connectors located on the rear panel

WARD-AMS2-N • Reg. \$1299.00 Your Price \$1249.99

Wohler 2 Channel 3G/HD/SD-SDI AES Analog Audio Monitor 1RU with Additional 8 Pairs of Both Analog and AES



- Selectable 2 channel monitoring of 16-channel 3G/HD/SD-SDI, 2 channel AES, and 2 channel Analog (Balanced or Unbalanced)
- Optional inputs available for an additional 16 channels (8 pairs) of both Analog and AES
- Additional input of 8 pairs of AES audio on 1 x D-Sub
- Additional input of 8 pairs of Analog audio on 2 x D-Sub.
- Bright, easily visible front panel display • Simple uncluttered front panel controls

WOH-AMP1-2SDAP • Reg. \$1995.00 Your Price \$1815.45

Wohler iAM-MIX Multi-Source Mixing Audio Monitors with Analog Interface



- Fast selection and summing of up to 8 or 16 audio channels
- Intuitive front panel with 8 or 16 individual level controls and quick muting
- Channel names can be displayed for each input
- Store and retrieve presets via USB or remote software control
- Built-in speakers, headphone jack, USB and Ethernet ports
- A range of useful connectors, including SFP slots for future I/O support
- Open API for remote control, logging and setup
- Apply software feature upgrades with zero downtime
- Compact, space-saving units

WOH-IAM-MIX8 • 8 Output Controls • Reg. \$3295.00 Your Price \$3075.33

WOH-IAM-MIX16 • 16 Output Controls • Reg. \$3795.00 Your Price \$3542.00

Marshall CV610-U3-V2 Compact USB3.0/2.0 PTZ 10x Optical Zoom AF UCC Conference Camera with USB 3.0 HDMI & CVBS Outputs

- 2-Megapixel HD Sensor
- 10x Optical Zoom: 62.5°~6.4°Horizontal AOV (12x Digital Zoom)
- Compact overall footprint (approx.): 145mm diameter, 112mm head diameter, 155mm height
- USB 3.0/2.0 output with simultaneous HDMI output
- Full-HD resolutions: 1920x1080p, 1280x720p
- Frame rates: 60, 50, 30, 25 fps
- Up to 128 presets with quiet, smooth transitions
- Table, shelf, tripod, or ceiling mountable with digital flip image
- Pan-Tilt Range: 350° Horizontal Pan Range / 120° Tilt Range
- Onboard audio mic & 3.5mm TRS audio jack (optional input)



Marshall

MAR-CV610-U3-V2 • Your Price \$1599.00

Marshall V-MD241 24 Inch Modular Design Monitor with Composite and Component Inputs



The V-MD241 is a 24 Inch, 1920x1080 Resolution Rack mountable Desktop / VESA Mount Monitor with Modular Inputs and Network Control.

- Swap and interchangeable video modules
- Native 1920 x 1080 resolution screen
- Two available input slots

MAR-V-MD241 • Your Price \$1801.25

Marshall

Marshall ORCHID Fully Featured 18.5 Inch Master Confidence Desktop Monitor

Marshall OR-185-AFHD award winning monitor includes a range of professional production and analysis tools packed into an 18.5" best-of-breed IPS panel. As a master confidence monitor for broadcast control rooms, transfer facilities, and production editing areas, the OR-185-AFHD has been designed to offer the features and reliability required for mission-critical applications; all day, every day.

- Full HD 1920 x 1080 display
- Waveform Monitor
- Color Vectorscope
- 16CH Audio Level Meters
- Tri-Color Tally

MAR-OR-185AFHD • Your Price \$2831.25



Marshall

Marshall VS-104-3GSDI 1080p/60 Full HD Video Encoder/Decoder with Stereo Embedded or Analog Audio

The Marshall VS-104-3GSDI is a 1080p/60 full HD video encoder/decoder with stereo embedded or analog audio. Supports 3GSDI, HDSDI, SDI, HDMI and CVBS formats.

- PoE+ (Power Over Ethernet) 802.3af)
- USB Recording
- Watchdog for System Recovery
- RS-232, RS-422/485 Communication
- Motion Detection



Marshall

MAR-VS-104-3GSDI • Your Price \$3195.15

Marshall VS-M226-M-IRIS CS Mount 3MP 2.2-6mm 2.7x Zoom Lens with Manual Iris Control

The Marshall VS-M226-M-IRIS is a 3 Megapixel HD VariFocal 1/3" CS mount lens is designed to deliver clear, crisp images with high optical MTF performance. High accuracy aspherical lens elements, low-dispersion, and high refractive-index glass best suited for high performing color 1/3" HD sensors.

- Focal Length: 2.2~6mm
- Horizontal AOV: 129°~50°
- Iris: Manual Control • F-Stop: F1.3~close
- Focus Range from Front of Lens: 8 - 0.3m

MAR-VS-M22-MIRIS • Your Price \$171.49



Marshall

Marshall CV-RCP-V2 Touchscreen RCP Camera Control Adjust & Match



- Easily convert to fiber using common fiber media converters for much longer distances.
- Seven cameras are select-able from ALL screen menus with intuitive navigation layout.
- Global or individual camera adjustment capability without OSD (On-screen Display) Menu appearing on video stream.
- Adjust Red/Blue, Brightness (AE Offset), Gain, Gamma, Iris, Shutter, Saturation, Hue, Optical/Digital Zoom, Pan-Tilt, Focus, and more.
- Rugged machined aluminum enclosure provides durability while a larger 5-inch screen provides easier access to digital buttons.

MAR-CV-RCP-V2 • Your Price \$1199.00

Marshall

Marshall CV502-U3BNDL CV502-U3 USB-Powered HD POV Camera with MXL-AC-404 USB Microphone Combo



The Marshall CV502-U3BNDL is a bundle containing the CV502-U3 USB-powered, high-definition POV camera and the MXL-AC-404 USB-powered microphone. The CV502-U3 features an ultra-wide 126°-Angle-

of-View lens, that offers simple plug-and-play connectivity with any Mac, PC, or Linux system. The AC-404 is designed to capture crystal clear speech intelligibility for Houses of Worship, web conferencing, court reporting, and more with easy plug-and-play USB connectivity.

MAR-CV502-U3BNDL • Your Price \$699.00

Marshall QVW-1708-3G-DT Desk Top Quad View 17 Inch Monitor with Native Resolution - 4K Quad 3GSDI (IMD)

- 1920 x 1080 Native Display (16 x 9)
- Accepts Input Resolutions Up to 4096 x 2160
- IMD - In Monitor Display Functions
- Area Markers
- Hard Tally + Soft Tally
- Network Control via Ethernet

**MAR-QVW-17083GDT
Your Price \$3748.75**



Marshall



POV & PTZ CAMERAS

PRODUCTION ESSENTIALS



Marshall Full-HD (3G/HD-SDI) 2.5MP Mini-Broadcast POV Camera with 3.7mm 2MP Lens

Marshall



2.5 Megapixel 1/3-inch CMOS Sensor • 3.7mm Megapixel M12 Prime Lens installed (interchangeable) • 1920x1080p 59.94/29.97, 1920x1080i 59.94, 1280x720p 59.94/29.97fps • 3G/HD-SDI (BNC) & CVBS (BNC) built into rear panel • Captures sharp & vivid color images at 0.2 lux (low light sensitive) • WDR function supports high speed & high sensitivity to various light sources

MAR-CV502-MB • Your Price \$499.99

Panasonic HD Professional PTZ Camera with HDMI Output and NDI



- 1/2.3-Type MOS
- 22x Optical Zoom plus 30x i.Zoom & 16x Digital Zoom
- IP Connectivity for web interface and control plus PoE+ support for single cable power, streaming and camera control
- HDMI Video Output, in addition to USB and microSD card built-in recording

Panasonic

White • PAN-AW-HN38HWPJ • Your Price \$2195.00

Black • PAN-AW-HN38HKPJ • Your Price \$2195.00

Sony SRG-120DS Full HD Remotely Operated PTZ Camera with 3G-SDI Output and 12x Optical Zoom

SONY



- Full HD image quality with 60fps frame rate
- Fast, quiet PTZ operation
- Wide 71-degree viewing angle
- 3G-SDI video interface
- Clearer pictures in any lighting conditions
- Get closer with powerful 12x optical zoom
- Versatile connectivity options
- 16 programmable presets
- Image Device 1/2.8-type Exmor CMOS
- Effective Pixels Approximately 2.1 megapixels

SNY-SRG-120DS • Your Price \$2449.00

Datavideo PTC-200T 4K UHD PTZ Video Camera with HDBaseT Receiver Box

- Utilizes HDBaseT Technology
- HD Resolution: 1/2.3" High Definition 8.93 M Pixels progressive CMOS sensor
- 12x optical zoom (f = 3.9 mm to 46.8 mm)



- 4K formats supported: 3,840 x 2,160 QFHD 2160p 29.97/25
- High definition formats supported: 1080p 59.94/50, 1080i 59.94/50, 720p 59.94/50
- Digital Noise Reduction Function (DNR) to reduce the noise and enable clearer image under low light conditions
- Position coordinates report in real time per frame
- Video Output: 3G-SDI + HDMI synchronously
- Tally LED Design (IR Controller/ RS-422 / DVIP Operation)

datavideo

DV-PTC-200T • Your Price \$4099.00

Marshall Mini Lipstick IP67 Weatherproof Full-HD Cameras 3GSDI / HDSDI (BNC)



CV225-MB:
1080i 59.94, 1080p 59.94/29.97, 720p 59.94/29.97 fps
CV225-M:
1080i 60/50, 1080p 60/50/30/25, 720p 60/50/30/25 fps

1/3-inch 2.5 Megapixel CMOS Sensor 16:9 • 3.7mm MP M12 Mount Lens - interchangeable • IP67 weatherproof camera enclosure w/ 1/4"-20 mount (rear panel) • 118 inch (3m) Breakout Cable includes 12V power (2.1mm-

center pin +) connector, RS485 phoenix connector, and 3G/HD-SDI (BNC) - 111 inch (2.8m) to OSD Joystick • 19.5mm diameter (0.76-inch) cylinder • 0.2Lux (COLOR-Day) / 0.1Lux (B/W-Night), 0.005Lux (DSS on) • Auto/Manual White Balance, Exposure, Gamma, Red/Blue Gain, Black Levels (Pedestal) • Wide Dynamic Range (ACCE), Digital Noise Reduction (DNR), Digital Defog, HLC • 19.5 x 62.5mm, Approx. 80grams (0.17lb)

• OSD Joystick on Cable assembly

MAR-CV225-MB • 1080p 59.94 FPS • Reg. \$599.99 Your Price \$499.99

MAR-CV225-M • 1080p 50/60 FPS • Reg. \$599.99 Your Price \$499.99

Vaddio 999-30420-000 PrimeSHOT 20 HDMI Camera



The Vaddio 999-30420-000 PrimeSHOT 20 HDMI features 20x optical zoom, plus a web-based user interface for remote configuration, management and control. The PrimeSHOT can be deployed across the entire enterprise with Vaddio's standard IP management and streaming capabilities. Suited for large meeting rooms, lecture halls and houses of worship, PrimeSHOT 20 HDMI provides low-light performance and 1080p image quality.

White • VAD-9993042000W • Your Price \$1795.50

Black • VAD-999-30420000 • Your Price \$1795.50

AJA RovoCam Integrated 4K/HD Camera with HDBaseT

RovoCam is AJA's first compact block camera for industrial, corporate, security, ProAV and broadcast applications. RovoCam's HDBaseT interface supports control of 4K/ UltraHD video, power, audio and RS-232 over a single Cat 5e/6 cable.

- Superior Optics, Simply Delivered
- Distance, Power and Control. All Over a Single Cable
- Robust, Reliable, Desirable
- Powerful Optics meets Easy Transport.
- Complete Control



AJA-ROVOCAM • Your Price \$2495.00

AJA VIDEO SYSTEMS

Datavideo PTC-150 Pan Tilt Zoom Remote Controlled Camera

- 30x zoom allows cameras to be positioned near the action or far away while still obtaining good clarity and close-ups of the subject.
- Digital noise reduction for beautiful smooth image quality, even in low lighting conditions.
- Auto / Manual options for Iris Control and White Balance allows fine tuning for calibrating multiple cameras together.
- Built-in Tally Lights that interface natively with Datavideo Switchers. (Red for Live / Green for up-next).
- RMC-180 Controller compatible.



DV-PTC-150 • Your Price \$2499.00

datavideo

Blackmagic Design Pocket Cinema Camera 4K



NEW!

Blackmagicdesign

- Effective Sensor Size - 18.96mm x 10mm (Four Thirds)
- Lens Mount - Active MFT mount.
- Lens Control - Iris, focus and zoom on supported lenses.
- Dynamic Range - 13 Stops.
- Shooting Resolutions - 4096 x 2160 (4K DCI), 3840 x 2160 (Ultra HD), 1920 x 1080 (HD).

- Frame Rates - Maximum sensor frame rate dependent on resolution and codec selected. Project frame rates of 23.98, 24, 25, 29.97, 30, 50, 59.94 and 60 fps supported. Off-speed frame rates up to 60 fps in 4K DCI, 120 fps in HD windowed.
- Focus button turns on peaking, auto focus available using compatible lenses.
- Iris Control - Iris wheel and touchscreen slider for manual iris adjustment on electronically controllable lenses, iris button for instant auto iris settings on compatible lenses so no pixel is clipped in film mode. Scene average auto exposure in video mode.

BMD-POKETCINCM4K • Your Price \$1295.00

Blackmagic Design Studio Camera 4K 2



NEW!

Blackmagicdesign

- The Blackmagic Studio Camera 4K is the live broadcast camera that's ready for multi camera Ultra HD production today.
- Featuring a massive 10 inch viewfinder, MFT lens mount, talkback, tally indicators, phantom powered microphone connections, 12G-SDI and user upgradeable optical fiber connections that let you connect to your switcher with a single cable!
- The advanced 4K model is switchable to 1080 HD, that means you can work in HD today and you're always ready for Ultra HD production.

CINSTUDMFT-UHD2 • Your Price \$1695.00

Blackmagic Micro Studio Camera 4K



NEW!

- You get a full Ultra HD resolution camera that can be used in HD and Ultra HD video formats and it can be fully controlled from the switcher via the SDI control protocol.
- Micro Studio Camera 4K includes powerful features such as built in color corrector, talkback, tally indicator, PTZ control output, built in microphones, backup battery, an adaptable MFT lens mount and B4 lens control output.

Blackmagicdesign

BMD-CINSMFTUHD2 • Your Price \$1295.00

Blackmagic URSA Ultra HD Broadcast Camera

- 2/3 inch sensor size when using 4K B4 mount (Actual sensor size 13.056mm x 7.344mm)
- Electronic control via 12-pin broadcast connector. Control also possible via EF mount pins when using optional URSA Mini Pro EF Mount
- Built in Four position ND filter wheel with clear, 2-stop, 4-stop and 6-stop ND filters
- Focus button turns on peaking, auto focus available using compatible lenses with focus servo
- B4 2/3 inch Lens Mount • 4 inch LCD capacitive touchscreen



Blackmagicdesign

BMD-CINURSAMWC4K • Your Price \$3495.00

JVC GY-HC900C20 Connected Cam Full HD Broadcast Camcorder with Three 2/3-inch CMOS Sensors and 20x Fujinon Lens

Designed with ENG in mind the GY-HC900C20 delivers a stunning 20 mbps with SMPTE 2022 forward and Zixi error correction assuring reliable transmission. The camera body features an industry standard B4 Lens mount, OLED viewfinder, IPX2 splash-proof rating, a LAN terminal, USB 3.0 host port and dual SD card slots. With the C20 version you also receive a Fujinon XT20SX4.7BRM HDTV Zoom lens!



NEW!

JVC-GY-HC900C20 • Your Price \$17400.00

JVC

JVC GY-HM250U 4KCAM Streaming Sports Production Camcorder with AC Power Supply

- Single 1/2.3-inch CMOS image sensor with 12.4 million pixels
- High quality integrated 12x F1.2-3.5 zoom lens (35mm equivalent: 29.6-355mm)
- Graphic score overlay with custom logo option (HD mode only)
- Dynamic Zoom in HD mode combines optical zoom and pixel mapping to create seamless and lossless 24x zoom.
- 4K Ultra HD recording (150 Mbps, 24/30p) to SDXC(UHS-I Speed class3) card
- 4K Ultra HD recording (70 Mbps, 24/30p) to SDXC/SDHC(Class 10) card
- 4:2:2 Full HD (24-60p) recording at 50Mbps • 120fps HD recording



NEW!

JVC-GY-HM250SP • Your Price \$2595.00

**With Sportscast Scorebot 4100 • JVC-GYHM250SCRBT
Your Price \$4450.00**



Sony PXWZ-280 4K Handheld Camcorder with 12G-SDI and Dual Link Cellular Connection

- Spectacular HDR performance
- Amazingly fast precision auto focus
- 12G-SDI accelerated workflow
- Dual Multi-Interface (MI) Shoe
- Dual XLR and 4 Channel Audio
- Dual SxS media slots
- Networked for high mobility
- High-quality XAVC Intra and XAVC Long GOP recordings
- Broadcast-standard MPEG HD422 and MPEG HD
- DVCAM at 25 Mbps in MXF file format • Built-in electronic Variable ND Filters



NEW!

SONY

SNY-PXWZ280 • Your Price \$8499.00

Canon VIXIA HF R800 HD Camcorder - Black



BEST SELLER

You won't miss any of the action when shooting video with the VIXIA HF R800 camcorder and its impressive 57x Advanced Zoom range. Long-range shooting allows you to create videos with dynamic variety, and is less likely to disrupt the action you're shooting. It's ideal for formal ceremonies, animals in the wild, candid family videos and more.

Canon

- 57x (32.5-1853mm) Advanced Zoom and Super Range OIS
- SuperRange Optical Image Stabilization
- Canon 3.28 Megapixel Full HD CMOS Image Sensor
- DIGIC DV 4 Image Processor

CAN-HF-R800-BK • Your Price \$249.99



MULTIVIEWERS

PRODUCTION ESSENTIALS



Marshall VMV-402-SH Quad-Viewer Switcher with Audio Meter Display

NEW!



Marshall VMV-402-SH Quad-viewer/Switcher enables instant seamless switching or quad-view display of up to four SDI video signals with independent audio meters. The VMV-402-SH is pre-programmed with five default quad-view layouts, and is ideal for presentations and control rooms that require multiple inputs to be displayed on a single screen.

Marshall

- Supports four 3G/HD/SD-SDI input video formats
- 4 individual buttons for full screen selection and 1 button for quad-view mode
- HDMI output supports up to 4K2K@60 (UHD 3840x2160)
- Supports USB, IR, and ethernet control • One SDI and one HDMI output
- Supports standard VESA resolution for HDMI output
- Firmware upgradable via USB • Illuminated buttons indicate currently selected source
- Pre-programmed with five default quad-view layouts
- Supports tally function on quad-view output

MAR-VMV-402-SH • Your Price \$907.00

Blackmagic Design BMD-HDL-MULTIP3G/04HD MultiView 4 HD

The Blackmagic MultiView 4 HD is a multiviewer 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. MultiView 4 HD has both SDI and HDMI outputs for monitoring on professional SDI displays, projectors or even big screen televisions!



NEW!

Blackmagicdesign

BMD-MULTIVIEW4HD • Your Price \$185.00



Blackmagic Design SDI Video Multiviewers

- Advanced multi view allows the use of Ultra HD television for twice the image sharpness
- Display up to 4 SDI sources on a single HD or Ultra HD display via SDI or HDMI
- 4 multi rate 6G-SDI inputs with loop through outputs
- Compatible with all SD, HD and Ultra HD equipment and formats up to 2160p30
- Automatic frame re-sync allows simultaneous display of mixed SD, HD and Ultra HD formats • Standard quad split view
- Supported output resolutions: 1920 x 1080 and 3840 x 2160
- Remote control via Ethernet using the included Mac and Windows software

BMD-MULTIVIEW4 • 4 Video Multiviewer 4-Chan SDI Your Price \$495.00

BMD-MULTIVIEW16 • 16 Video Multiviewer 16-Chan SDI Your Price \$1495.00

Apantac MINIDE-4 Four HDMI with HDCP/DVI/VGA/YpPr/CVBS Inputs Compact Multiviewer with DVI/HDMI Output



- Costs Effective Multimedia Input Multiviewer
- Windows can be resized • ASCII Protocol for Remote Control
- IP and RS232 Control • DVI / HDMI outputs up to 1080P60
- 4 Universal Inputs: DVI, HDMI - with HDCP, VGA, YPbPr, composite

NEW!

APA-MINIDE-4 • Your Price \$1406.00

Decimator Design DMON 3G/HD/SD Multiviewer/Multiplexers

- A fully portable converter incorporating an easy to use LCD and button control system
- 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
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously



DEC-DMON-4S • 4-Chan Multiviewer Your Price \$495.00

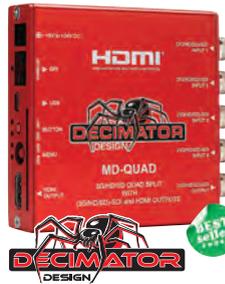
DEC-DMON-6S • 6-Chan Multiviewer Your Price \$595.00

DEC-DMON-12S • 12-Chan Multiviewer Your Price \$1295.00

DEC-DMON-16SL • 16-Chan 3G/HD/SDI to HDMI Your Price \$795.00

DEC-DMON-16S • 16-Chan 3G/HD/SDI to 3G/HD/SDI & HDMI Your Price \$1495.00

Decimator MD-QUAD Miniature (3G/HD/SD) QUAD SPLIT



- Low cost miniature (3G/HD/SD)-SDI 4 to 1 Quad Split Multiviewer or 4 to 1 input multiplexer
- Selectable output format in Quad-Split mode
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 4 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- 8-Channel Audio metering for each quadrant
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously

DEC-MD-QUAD • Your Price \$1295.00

Decimator 1 to 4 Channel MultiViewer / Quad-Split with SDI & HDMI Outputs for 3G/HD/SD

- Supports 3G level A and B on inputs and output, allowing conversion between 3G level A and B
- Custom Layouts with various standard layouts
- 16 Character UMD overlay per window with individual enables, custom positioning and size
- 8 Channel Audio Metering overlay per window with individual enables, custom positioning and size
- Horizontal and/or Vertical image flipping per window • Audio ID overlay
- Tallies can be applied to either Tally Boxes or Border • Up to 4 Tallies per window
- Fast switching between inputs using Full-Screen scaling



DEC-DMON-QUAD • Your Price \$295.00

NCEO NATIONAL CENTER FOR EMPLOYEE OWNERSHIP



Meet Dave!
Pro Audio Buyer
since 1999

AJA HELO H.264 Recorder/Streamer - SDI and HDMI I/O

HELO is AJA's new H.264 recording and streaming stand-alone appliance. HELO brings both SDI and HDMI I/O into a single appliance with the ability to simultaneously stream out to your Content Delivery Network (CDN) as well as encode and record beautiful H.264 files to either SD cards, USB storage or network based storage simultaneously.



AJA-HELO • Your Price \$1295.00

AJA HDMI & SDI U-TAPs

- U-TAPs offer USB 3.0 connectivity including bus power and the ability to simply and easily bring in video and audio across HDMI for use with a wide range of software without any drivers to install, empowering your projects anywhere you travel.
- Small enough to carry anywhere with you, its bus powered USB connectivity ensures you will never be looking for a power source.



- U-TAP HDMI and SDI support frame rates up to 1080p 60, for your HD High Frame Rate (HFR) projects, perfect for live events and fast moving subjects.
- U-TAP SDI also provides a SDI looping output, allowing you to loop through the source SDI signal to monitors, switchers and more.

AJA-U-TAP-HDMI • Your Price \$345.00 AJA-U-TAP-SDI • Your Price \$345.00

AJA C10DA Analog Video/Tri-Level Sync 1x6 Distribution Amplifier

The 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. The C10DA can also be used to DA Tri-Level sync in an HD facility when a sync signal is fed externally into the Video Input.

- Low Cost
- 5 year warranty
- 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

AJA-C10DA • Your Price \$175.00



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 \$4995.00

AJA Ki Pro Rack Ready-to-Edit Recorder in 1RU Rackmount



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.

AJA-KIPRORACK • Your Price \$1995.00

AJA Ki Pro Ultra 4K/UltraHD and 2K/HD Recorder/Player with 4K 60p & Avid MXF Support



Ki Pro Ultra records to five quality levels of Apple ProRes including Apple ProRes 4444. This lets you choose the balance of image fidelity and file size that's right for each individual production as well as having the flexibility to record directly to native file formats that are understood by most major editing systems. Next generation UltraHD 60p and 4K 60p recording is attainable all the way up to Apple ProRes HQ when using AJA Pak1000 SSD media.



- Avid DNxHD MXF Recording
- exFAT and HFS+ Support
- Includes Ki Protect
- Supports both Square Division Quad Split format and Two Sample Interleave
- Provides full 16-Channel audio support embedded over SDI or Fiber
- Closed Caption Support
- Full resolution outputs for 4K, UltraHD and HD over 3G-SDI, Fiber and HDMI

AJA-KIPROULTRA • Your Price \$2995.00

AJA Ki Pro Ultra Plus Multi-Channel HD Recorder 4K/UltraHD/2K/HD Recorder and Player



Ki Pro Ultra Plus 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 DNxHD MXF recorder and player

supporting the latest connectivity including 3G-SDI, Fiber and HDMI 2.0, as well as large raster high frame rate workflows, including 4K 60p. Designed to be both portable with a built-in carry handle or rackmountable with half rack wide 2RU high dimensions, Ki Pro Ultra Plus suits a wide range of production and post environments.

- 4K, 12-bit Full Raster Workflows for Professionals
- ProRes 422 and 444 Recording
- Avid DNxHD MXF Recording • exFAT and HFS+ Support
- 2SI (Two Sample Interleave) • 16-Channel Audio Support
- Closed Caption Support • Reliable Storage Media • Pak-Adapt-eSATA
- High Quality LCD with Onscreen Intuitive UI



AJA-KIPROULTRAPL • Your Price \$3995.00



EXPERIENCE MORE

Expanded Bandwidth and Flexibility from AJA.

New solutions for openGear with Dashboard, 12G-SDI routing, and DNxHR capture and playback.



openGear with DashBoard Software

New openGear Cards w/DashBoard Control

AJA expands its openGear line with five new openGear cards, with new DashBoard software support for configuration and control.

OG-3G-AMA: 3G-SDI to Analog Audio Embedder/Disembedder

OG-UDC: 3G-SDI Up, Down, Cross-Converter

OG-4K2HD: 4K/UltraHD to HD Down-Converter

OG-Hi5-4K-Plus: 4K/UltraHD SDI to HDMI 2.0 Converter

OG-HA5-4K: 4K/UltraHD HDMI to SDI Converter



KUMO® 12G-SDI Routers

Single Cable Simplicity, Expanded Density

12G-SDI reduces cabling for 4K/UltraHD workflows and simplifies your life.

KUMO 3232-12G and KUMO 1616-12G are two compact 12G-SDI routers with 32x32 and 16x16 inputs and outputs respectively.

Enjoy single cable simplicity for 4K/UltraHD/2K/HD/SD with 12G-SDI and explore the 8K horizon with KUMO dual-link and quad-link ganging.



Ki Pro® Ultra and Ki Pro Ultra Plus v3.0

Native DNxHR MXF Recording and Playback

New v3.0 firmware for the Ki Pro Ultra and Ki Pro Ultra Plus digital recorders adds native DNxHR MXF recording and playback at 4K/UltraHD resolutions.

• DNxHR HQX • DNxHR SQ • DNxHR LB

ProRes Avid DNxHR® MXF

Avid DNxHD® MXF

Find out more at www.aja.com

AJA
VIDEO SYSTEMS®

GNARBOX Portable Backup & Editing System for Any Camera - 128GB

Ruggedized, Portable, Mobile Solution for viewing, backing-up, editing, and sharing your HD footage from any Yi 4K Action Camera, GoPro HERO or DSLR camera.

NEW!



- Lightning fast mobile backup of your photos and videos: Back up 128GB of footage at up to 4GB/min to the GNARBOX, then auto-organize your footage by time, type and camera.
- Video and photo editing from your mobile phone or tablet: Open the GNARBOX app to start editing instantly, including 4K videos and RAW photos. Add color correction, cropping, and create highlight reels on the go.

- Easy sharing of your media: Upload your media and share it with the world from the convenience of your phone. GNARBOX lets you upload in full resolution directly to your social media networks, or cloud storage.
- Rugged Design: Waterproof, Shockproof, Dustproof and ready for your adventure. Never lose your best moments again.
- Long Lasting Battery: GNARBOX has a 4000mAh battery, so you can use it for 4-6 hours on a single charge. Run out of juice? Recharge using microUSB.
- Ability to connect to a multiple devices: (1) USB3 Type A, (1) USB3 Micro B, (1) USB2 Type A, microSD and SD ports allow you to connect any camera to quickly access and manage your content. Connect an external SSD/HDD for additional space.

GBX-GNARBOX128 • Your Price \$299.99

Blackmagic Video Assist

- Now it's easy to add professional monitoring and recording to your camera
- Bright 5 inch high resolution 1920 x 1080 monitor
- Built in recorder uses high speed SD cards to record professional ProRes and DNxHD files with incredible quality and 10 bit color depth
- Works with everything from DSLR's to older tape based camcorders



BMD-HYPDADA5HD
Your Price \$495.00

Blackmagicdesign

Blackmagic BMD-HYPERD/STM HyperDeck Studio Mini



- HyperDeck Studio Mini is a miniaturized broadcast deck that's so compact and portable you can use it anywhere!
- SD, HD and Ultra HD recorder and player • 1 x 6G-SDI input, 2 x 6G-SDI outputs, 1 x HDMI output
- Two SD card slots for continuous recording to regular SD cards or UHS-II cards

Blackmagicdesign

- ProRes and DNx codec support
- ProRes 4444 playback with fill and key

- LCD for monitoring, status information and menu settings
- FTP over ethernet • Remote control via ethernet or RS-422 connection
- Internal sync generator • Power over ethernet, PoE+ • Built in power supply

BMD-HYPERD-STM • Reg. \$695.00 Your Price \$695.00

Blackmagic BMD-HYPERD/ST/12G HyperDeck Studio 12G



- Featuring 12G-SDI connections and HDMI 2.0, HyperDeck Studio 12G works with all SD, HD and Ultra HD formats up to 2160p60 over a single cable
- VTR style deck controls and broadcast quality compressed and uncompressed 10-bit 4:2:2 recording
- Supported Codecs: Uncompressed QuickTime, ProRes 422 HQ QuickTime, ProRes 422 QuickTime, ProRes 422 LT QuickTime, ProRes 422 Proxy QuickTime, Avid DNxHD/HR QuickTime and Avid DNxHD/HR MXF up to 1080i60
- Built in Control Panel: 12 buttons for transport and menu control, 2.2 inch color display • External Control: RS-422 deck control, SDI start/stop, timecode run. Includes Blackmagic HyperDeck SDK and Ethernet HyperDeck Control Protocol.

BMD-HYPERDST12G • Reg. \$1495.00 Your Price \$1495.00



Blackmagic HyperDeck Studio Pro 2 Ultra HD 4K 6G-SDI Solid State Disk Recorder

Blackmagicdesign

- 6G-SDI, HDMI 4K and analog connections with standard XLR connectors for audio and timecode, and a built in Thunderbolt port
- Supports SD/HD and Ultra HD 4K capture and playback
- HyperDeck Studio disk recorders let you record the highest quality uncompressed and compressed ProRes and DNxHD video formats using fast 2.5" SSDs
- Designed with familiar VTR controls, HyperDeck Studio includes innovative features that extend beyond the capabilities of traditional decks

BMD-HYPERD-STP2 • Reg. \$1995.00 Your Price \$1995.00



Blackmagicdesign

Blackmagic HyperDeck Studio 2 HDMI/3G-SDI Solid State Disk Recorder

- 1RU File-Based Video Recorder
- Records Uncompressed 10-bit 4:2:2
- Records Compressed in ProRes / DNxHD
- Records on Two 2.5" SSDs
- 1 x 3G-SDI Input, 3 x Outputs
- 1 x HDMI Input, 1 HDMI Output
- Outputs are Always Active
- Front Panel Button, Jog Wheel & RS-422
- Multi-Display Integrated LCD

BMD-HYPERD-ST2 • Reg. \$995.00 Your Price \$995.00

Blackmagic Design Video Assist 4K 7" High Res Monitor with Ultra HD Recorder



Blackmagicdesign

- 1920 x 1200 high resolution monitor.
- «Professional 10-bit 4:2:2 HD ProRes or DNxHD recording.
- Dual high speed UHS-II SDHC card recorders use readily available, inexpensive SD card media.
- Dual recorders allow non-stop recording and provide a backup if one fails.
- 2 mini XLR connectors with 48V phantom power for connecting microphones.

BMD-VIDAS74K • Reg. \$895.00 Your Price \$895.00



VIDEO RECORDERS

PRODUCTION ESSENTIALS



NEW! **Atomos ATOMNJAV01 Ninja V 5 Inch 4Kp60 10bit HDR 1000nit Portable Monitor/Recorder**

The Ninja V 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. A tiny 1TB AtomX SSDmini will give you 2.5 hrs of 4K recording.

- HDR/SDR perfection every time • AtomOS Tools and Pocket Size Playback
- Edit, finish & upload on Mac & PC • Record HDR Games



ATO-MNJAV01 • Your Price \$695.00

Datavideo HDR-1 Standalone H.264 USB Recorder with HDMI Input and Output



- Capture HD Video Up to 1080p30
- Redundant Power recorder (UPS), will switch to power bank charging when main power is off
- Works without a PC • Record Format: MP4 (H.264+AAC)
- Record video to USB flash drive with NTFS file format • Instant & Timer Recording
- GPI and RS-232 control supported • Playback file formats: MP4 (H.264+AAC)
- Support 3D video Recorder (Top-and-bottom, Side-by-side Half)
- Built-in video Editor • HDMI 1.4b Compatibility

DV-HDR-1 • Your Price \$499.00

Atomos Shogun Inferno2

1500nit/10bit/HDR 4Kp60 over Quad-SDI HDMI Recorder/Player/Monitor

AtomHDR image processing lets you shoot with the high brightness range of your camera's Log profile while maintaining vibrant true-to-life colors. Be at the forefront of the HDR revolution by having a field monitor capable of resolving HDR in the field as you see it in Post Production and record the original Log image direct from the sensor for HDR grading in post production. The 1500nit panel brings HDR to life, accentuating high contrast scenes. While for regular SDR scenes, use the brightness slider to take advantage of the 1500nit screen for hood-free outdoor monitoring.



ATO-SHGINFERN02 • Your Price \$1295.00

Epiphan ESP1137 DVI2USB 3.0 Portable USB Powered Video Grabber

The DVI2USB 3.0 is a versatile and portable video grabber capable of capturing high quality video and images from any device with a DVI/VGA/HDMI™ signal. DVI2USB 3.0 transfers uncompressed video at 60 fps with resolutions up to 1920x1200 over USB 3.0.

- Interface: USB 3.0, USB 2.0 • Dimensions: 3.54" x 2.36" x 0.91" • Connectors: DVI-I (integrated, digital & analog) USB 3.0 B-Type connector
- Input: VGA and DVI (HDMI video compatible) • Supported video modes: Up to 1920x1200
- HDMI Audio: 16-bit PCM encoded audio at 32 kHz, 44.1 kHz, and 48 kHz sampling rates
- LED: One LED to indicate the status of the DVI2USB 3.0 (power, readiness, and operation in progress)
- OS Support: Windows 7, 8, 10 (i386, x64), Linux (x86, x86_64), DirectShow (Windows), and V4L (Linux) supported
- Video Sampling: 24 bits per pixel, 8:8:8 format 16 bits per pixel, 5:6:5 format 8 bits per pixel, 3:3:2, 3:2:3, 2:3:3 or 256-grey scale format 4 bits per pixel, 16-grey scale format

EPIP-ESP1137 • Your Price \$699.95



Convergent Design Odyssey7QPlus 4x2 HD/2K/UHD/4K Monitor/Recorder

- HD/2K/UHD/4K • 4K/UHD capture over HDMI or SDI
- SDI Single/Dual/Quad Link • RAW to Apple ProRes Conversion • 4K/UHD->2K/HD conversion • Low Power/Light Weight • Intuitive touchscreen interface • HDMI and SDI I/O - HD/2K/UHD/4K Recording over HDMI or SDI w/ conversion

CVD-ODYSSEY7QP • Your Price \$1495.00

Atomos SUMO On-set & In-studio 4Kp60 HDR 19" Monitor-Recorder

Built for Production, Rugged construction.

- High Bright for Rec709 Outdoor Shooting
- Continuous Power
- Balanced XLR Monitor & Record with 48v Phantom
- 1200nit 19" Calibrated 1920x1080 Monitor
- Calibrate for Accurate Color
- Media Solutions That are Affordable, Time Saving and Convenient

ATO-SUMO • Your Price \$2495.00



Atomos Shogun Flame AtomHDR

4K Recorder/Player/Monitor/Editor

- Touchscreen Size: 7.1" • Resolution: 1920 x 1200 • PPI: 325
- Aspect ratio: 16:9 native • Color Gamut: REC709 HDTV • Look up table (LUT) support: 3D LUT
- Anamorphic de-squeeze: 2x, 1.5x, 1.33x, Panasonic 8:3 • Technology: SuperAtom IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit • AtomHDR: Yes • Supported Log formats: Sony SLog2 / SLog3, Canon CLog / CLog 2, Arri Log C, Panasonic Vlog, JVC JLog, Red LogFilm • Supported Gamuts: Sony SGamut / SGamut3 / SGamut3.cine, Canon Cinema / BT2020 / DCI P3 / DCI P3+, Panasonic V Gamut, Arri Alexa Wide Gamut • Bit depth: 10-bit (8+2 FRC) • Brightness: 1500nit (+/- 10%) • HDR input (PQ/HLG): Yes / Yes • HDR output (PQ/HLG): Yes / Yes

ATO-SHGFL2 • Your Price \$995.00



Contemporary Research QMOD Encoders

- Set up with front-panel buttons and easy to use menus or use onboard Web page for setup and monitoring
- Update firmware from USB or Ethernet
- Fan cooled, with variable speeds
- Includes compact switching power supply
- Saves power and rack space using efficient 1/2 rack width design
- Mounts in included RKU 19" rack mount kit
- Meets RoHS safety and California energy standards



NEW!



- CRC-QMOD-SDIHDMI** • Dual-channel RF or IPTV Encoder with SDI and HDMI Inputs **Your Price \$2333.00**
- CRC-QMOD-HDMI2** • Dual-Channel RF or IPTV Encoder with HDMI Inputs **Your Price \$2172.00**
- CRC-QMOD-SDI2** • Encoder with Dual SDI and Composite In and Agile QAM Output **Your Price \$2725.00**
- CRC-QMOD-HDMIRGB** • Dual-channel Encoder with one Non-HDCP HDMI & RGBHV/Component input **Your Price \$1892.00**



NEW!

Contemporary Research QIP Encoders

- Sets up with front-panel buttons and easy to use menus, including inputs, encoding, channel, and RF options.
- Onboard Web page for setup and monitoring, also accessible from front-panel USB port - an Ethernet connection is not required
- Updates firmware via USB and Ethernet
- Fan cooled, with adjustable speed
- Saves power and rack space using efficient design
- Includes compact switching power supply
- Mounts in optional 1RU single (RK1) or dual (RK2EZ) 19" rack kits
- Meets RoHS safety and California energy standards



- CRC-QIP-SDI-HDMI** • IPTV Encoder with H.264 - HD-SDI/HDMI/Composite/Analog Stereo/SPDIF Inputs **Your Price \$2147.00**
- CRC-QIP-HDMI2** • IPTV Encoder with H.264 - HDMI/Composite/Analog Stereo/SPDIF Inputs **Your Price \$1828.00**
- CRC-QIP-SDI2** • IPTV Encoder with H.264 HD-SDI/Composite/Analog Stereo/SPDIF Inputs **Your Price \$2725.00**

Contemporary Research ICE-HE-DXL Display Control Center

- Receives commands via RS-232, USB, or Ethernet
- Networks up to 4,000 TVs through an in-house RF coax system
- Sends commands to individual devices, zones, or all units
- Interacts with CR Display Express software, onboard DX Lite software, or custom control systems
- Employs a front-panel LCD display for setup and status information



CRC-ICE-HE-DXL • Your Price \$1275.00

Contemporary Research 232-ATSC 4K HDTV Tuner with PS12 1.5 Power Supply HD2-RC IR Remote & Rack Mount Kit

- Tunes analog and digital channels in ATSC, NTSC, and clear QAM formats
- Accepts MPEG-4 TV channels, as well as standard MPEG-2
- Scales video output from 480p to 2160p
- Simulcasts from HDMI and composite video ports, as well as stereo, and digital coax and Toslink optical audio ports
- Switches to RGBHV or Component output from front-panel settings, Web page or control commands
- Outputs AC-3 or PCM/Variable PCM digital audio formats through the HDMI and digital audio ports



CRC-232-ATSC-4K • Your Price \$935.00

Contemporary Research ATSC-SDI 4 - HDTV Tuner SDI

- The ATSC-SDI 4 is the first HDTV Tuner that features a native HD-SDI port, as well as MPEG2 and MPEG4 decoding.
- Tunes analog and digital channels in ATSC, NTSC, and clear QAM formats
- An HD-SDI port outputs the tuned program, with captioning and V-Chip data, scaled to a set resolution up to 1080p
- Component, and composite video ports, as well as stereo, and digital coax and Toslink optical audio ports
- Dolby 5.1 or PCM/Variable PCM digital audio formats for digital audio ports
- HD-SDI selectable to pass through Dolby 5.1 as AC-3 or decode to stereo AES audio



CRC-ATSC-SDI4 • Your Price \$1254.00



Contemporary Research ICC2-ATSC4S 4S HDTV Tuner/Controller with MPEG4

- Through-the-RF Integration - controls displays through iC-Net technology, communicating via existing CATV coax wiring for 1-way or 2-way control
- System Solution - communicates with Display Express software, and custom control systems
- Display Control - employs RS-232 control port for integrated display control, integrator can switch to different make/model types from an onboard library
- Provides local control via IR remote (optional) or wired IR from control system or remote IR sensor, or 1-way RS-232 commands
- Tunes ATSC off-air, clear QAM cable, and analog channels
- Always-active HDMI and composite video, as well as stereo, and digital coax and Toslink optical audio ports
- RGBHV or Component outputs switchable from front-panel settings or RS-232 control



CRC-ICC2-ATSC4S • Your Price \$959.00

Aurora VTUNE PRO 4K ATSC/QAM/NTSC/IPTV Tuner With Rack Mount



- IPTV (UDP/RTP/RTSP Multicast and Unicast)
- ATSC / QAM / NTSC / PAL / DVB-T / ISDB-T Worldwide Digital Ultra High Definition Tuning
- NTSC & PAL Analog Tuning
- H.265, H.264, MPEG 4, MPEG2, and VC-1 up to 4K2K

- HDMI 2.0, Composite, and YPbPr Outputs
- Resolutions: 480i, 480p, 720p, 1080i, 1080p, 4K (UHD), 4K2K (4096x2160 @ 60Hz)
- Stereo L/R, S/PDIF, and Optical Audio Outputs
- Dolby Digital Surround Sound
- OSD Menus, Closed Captioning, V-Chip, & EPG
- 1RU Single/Dual Rack Mount Ears and IR Remote Included

AURA-VTUNEPRO4K • Your Price \$1398.00

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 • Reg. \$6500.00 Your Price \$4499.00

amino

Amino H140 High Definition HDMI IPTV Set-Top Box



The Amino H140 is the next generation high definition, high performance set-top box for Guest Room IPTV applications. With HD services becoming an in-room requirement in many guest rooms worldwide, the A140 allows hospitality solution providers to specify a high performing HD STB, based on the latest generation STI7105 System on Chip (SoC), but at a cost effective price point, whilst still providing all the features required for such applications.

- DMIPS 800 • 256Mb RAM • 128Mb Flash
- Amino software technology is based on open standards such as Linux and HTML.
- Provides CEC control over HDMI. This feature allows system integrators to provide an integrated solution with TVs that also support CEC
- The H140 is equipped with an RS-232 serial interface that can be used as a connection interface to hospitality televisions for single remote control use

AMT-H140 • Your Price \$289.49

Amino H150 High Definition HDMI IPTV OTT Set-Top Box with POE & 1GB RAM



The Amino H150 IPTV is a powerful high-definition device ideal for in-house video distribution systems, guest rooms and digital signage applications including TV studios, hotels, sports stadiums, shopping centers, corporate offices and aircrafts applications.

- DMIPS 2000 • 1GB RAM
- 256Mb Flash • Power over Ethernet
- Rugged mountable case • CEC control
- Serial interface • WIFI: 2x2n & 2x2ac (external)
- OTT Services: Youtube, Amino TV App Store

AMT-H150 • Your Price \$299.99

Upcom Technologies UC-IRD Receiver Decoder



Upcom Technologies' line of Advanced HD/SD Integrated Receivers are designed with ease of use and reliability in mind. Most advanced features found as optional on other receivers come as standard on Upcom's line.

- DVB-S/S2 and IP Receiver • MPEG-2/4AVC SD/HD Decoder
- BISS Descrambler • 2 CI Slots • Compatible with: Conax, Cryptoworks, Irdeto,
- NDS, Mediaguard, SECA, Viaccess and more • Teletext VBI, EBU and DVB subtitle
- Multiple inputs: DVB-S/S2, TS/IP and ASI • Dual Audio PIDs decode or pass through.
- Redundant inputs among Tuner, ASI and TS/IP inputs.
- SD/HD MPEG-2 and MPEG-4/H.264 digital video decoding.

UPC-UC-IRD • Reg. \$2300.00 Your Price \$2099.00

LiveU Solo Premium Video Encoder SDI & HDMI Version



LiveU Solo offers the best-in-class 'plug and play' live streaming bonding solution, bringing LiveU's broadcasting expertise to the online media market. As a professional streamer, you can't afford to lose viewers over a poor connection. Join a long list of professionals using LiveU Solo for a high-quality, robust live video stream: Publishers, Influencers, Photographers Educators, Vloggers and more!

- INTEGRATED UNIT: Audio/video encoder, micro SD card, internal battery
- VIDEO INPUT RESOLUTIONS: 1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
- HW INTERFACES: 4G on the HW interfaces

LIVEU LU-LUSOLO • Your Price \$1399.00

VITEC 16647 MGW Ace Decoder



- HEVC & H.264 decoding of HD/SD feeds with optimal latency • Broadcast quality decoding up to 4:2:2, 10 bits • Broadcast quality decoding up to 4:2:2, 10 bits

- Reliable stream delivery with built-in Zixi stream protection • Rich, Industry standard video and audio output interfaces to match any setup
- Up to 2 pairs of audio decoding • Closed captioning and DVB-ASI support
- Audio Talkback / IFB for easy communication between teams
- Future-proof design with 4K support in the roadmap

VIT-16647 • Your Price \$3895.00

Teradek VidiU Go HEVC / H.264 Encoder with Bonded Cellular Technology



VidiU Go is a live streaming encoder for businesses, freelancers, and enthusiasts seeking the cutting edge of broadcast technology. Built on Teradek's venerable Cube HEVC platform, VidiU Go streams to Facebook, YouTube, Twitch, and any other online video platform in pristine 1080p60 video quality.

- Stream with HEVC or H.264 compression

- Supports up to two high performance 3G / 4G / LTE Teradek Node modems
- 3G-SDI and HDMI inputs | USB-C power
- Streams to any online video platform, including Facebook, YouTube, Periscope, and more
- Streams to multiple video platforms simultaneously with Core and Sharelink

TER-VIDIU-GO • Your Price \$1490.00

WellAV StreamCast Encoder with AV Component HDMI SDI in and MPEG2 MPEG4SD HD Encode with IP out

- Compact, all-in-one design
- H.264 HD/SD and MPEG2 HD/SD quality video encoder
- MPEG, AAC and AC3 audio encoding
- Rich IP streaming protocol support including UDP/RTP multicast or unicast, HLS-OTT, RTMP and RTSP
- QAM Annex A/B/C digital cable RF output
- Built-in Wi-Fi access point for web interface and for streaming

WAV-NB100A-01 • Your Price \$999.00



Epiphan ESP1440 Pearl Mini All-In-One Video Production System



The ESP1440 Pearl Mini is a reliable, all-in-one video production system that's small in size and big on pro features. With Pearl Mini, users will have a portable video production studio that records, streams, and



switches up to 2 HD inputs simultaneously.

- Video input: 2 x HDMI, 1 x 3G SDI • Connectors: Mic-level: 2 x XLR, 1 x 3.5mm Line-level: 1 x stereo RCA, 1 x stereo TRS
- Input level max: 26 dBu Video outputs: On-board touch screen and 1 x HDMI for video output
- Video switching: During live streaming and recording via the touch screen or web UI
- Codecs: H.264, MPEG-4, Motion JPEG • Bitrate: 1 to 50 Mb/s
- Color resolution: 4:2:0 • Resolution: User selectable up to 1920 x 1200
- Encoded programs: 2 simultaneous 1080p programs at 30 fps (with up to 2 Full HD sources)

EPIP-ESP1440 • Your Price \$3495.00

Epiphan Webcaster X2 Facebook and YouTube Live Stream Video Encoder

The easiest way to live stream to Facebook and YouTube

Live streaming shouldn't be complicated! Webcaster X2 is a dedicated encoder designed from the ground-up for live streaming to YouTube and Facebook, making streaming a breeze. Pair your device once with your accounts and it remembers your settings for all future streams.



- Pro Video and audio with HDMI out
- Foldable WiFi antenna
- Status LED • LCD display
- Choose Ethernet or WiFi • Live monitoring

EPIP-ESP1382 • Your Price \$299.95

Epiphan VGADVI Broadcaster Portable Audio & Video Streaming Device

- Stream while recording
- Capture from screens or cameras at full HD resolution
- Manage and control either locally or over a network
- Capture presentation camera, slides and voice simultaneously
- Supports VGA, DVI, HDMI, S-Video, composite, & RGB component
- Use it everywhere - it's portable with no software to install
- Stream directly to set-top boxes, smart TVs, and electronic signs via MPEG-TS
- Two video input channels (1 HD, 1 SD)
- Single stream or independent streaming and recording

EPIP-ESP0440 • Your Price \$1600.00



epiphan video

Datavideo NVS-25 H.264 Video Streaming Server

- Standalone streaming encoder that can stream live video to a CDN and record to a removable USB drive simultaneously.
- SDI, HDMI, and Composite inputs. The versatility of the NVS-25 allows it fit into any application.



datavideo®

DV-NVS-25 • Your Price \$799.00



VIDEO STREAMING

PRODUCTION ESSENTIALS



Blackmagic H.264 Pro Recorder

- Capture from Broadcast Decks Directly to SD & HD H.264 Files!
- Distribute video files to websites, YouTube, Facebook, iPhone and even iPad
- Handles capture from all popular video formats so you can encode directly from professional broadcast decks!
- Encoding from SDI, HDMI, analog component/composite and balanced audio!

Blackmagicdesign



BMD-H264PRO • Reg. \$495.00 Your Price \$495.00

Matrox MHDX/I Monarch HDX Dual-Channel H.264 Encoder for Broadcast Streaming and Recording



- Powerful, High Quality H.264 Encoding Engine
- Simultaneous Dual-Channel Streaming and Recording
- Selectable HDMI and SDI Inputs and Simultaneous Outputs

matrox®

- Easily Webcast to Your Audience • Control from Anywhere
- H.264 Preview Stream • Profiles and Presets • Robust and Practical Design

MTX-MONARCH-HDX • Your Price \$1995.00

Teradek CUBE-655 HD-SDI Encoder 10/100 USB 2.4/5.8GHz

- H.264 encoder that transmits HD video over a/b/g/n WiFi, Ethernet, and cellular
- Includes ShareLink, a network aggregation service based on Teradek's bonding technology
- Encodes video at bitrates up to 15 Mbps for pristine quality in any application
- 3G-SDI and HDMI video input
- WiFi: 802.11 a/b/g/n/ac MIMO
- Hot Shoe Mount • Storage: microSD • Ethernet: 10/100BASE-T
- USB: USB 2.0 host port • Analog Line or Mic in • Headphone output



TER-CUBE-655 • Your Price \$1990.00

Teradek VidiU Camera-top HDMI H.264 Encoder



- VidiU offers API level integration with the Ustream and new Livestream platforms, which makes streaming to your channel as easy as logging into your account.
- VidiU's generic RTMP interface allows you to stream your live

- video content to a Wowza server or the platform of your choice at any time.
- VidiU streams over dual band MIMO WiFi, Ethernet, or via a single 3G/4G USB modem. Rechargeable Li-Ion battery lets you roam cable-free for up to 60 minutes.
- VidiU offers a free application for iOS that allows you to stream a second video feed to your mobile device for monitoring your live broadcast.
- Connect your HDMI video source to VidiU and stream at resolutions up to 1080p Embedded HDMI audio, headphone output, and a mic/line input are supported.

TER-VIDIU • Your Price \$699.00

VIDIU-PRO offers: Higher Bitrates • Enhanced WiFi • Internal Recording • Device Management using Core • Share Link Capability

TER-VIDIU-PRO • Your Price \$999.00

BirdDog Mini HDMI to NDI Encoder with Tally and PoE

BirdDog Mini is the only product in the world to offer full-bit rate 1080p 60 NDI Encoding, 1080p60 NDI Decoding (using BirdDog Link), Tally, Comms, and Power over Ethernet.



NEW!



- With support for all resolutions from SD right through to 1080p and frame rates up to 60p, Mini is designed for maximum flexibility.
- Mini makes Tally easy. Zero configuration, built-in Tally display, selectable Tally borders on loop out, and an external Tally output.

- Mini can be powered by Power over Ethernet (PoE) or D-Tap from your camera battery. No need for a power adapter, although there is one available should you need it.
- Native support for the best and most intuitive Audio Intercom system on the planet; BirdDog Comms.
- Mini supports BirdDog Link. Encode from any BirdDog Studio NDI or Mini and play out to a TV or monitor.

BDS-BDMINIHDMI • Your Price \$595.00

Teradek CUBE Encoders

- Built-In OLED Screen for Instant Setting Changes
- Built-in rechargeable Li-Ion Battery
- MIMO for better WiFi performance
- SD card for Recording
- Headphone output
- Dual Band WiFi
- Two USB ports for Battery Charging & Connectivity
- External USB Port, Ethernet & "Go Live" Button
- Hot Shoe Mount with 1/4 20 screw
- Bullet Proof High Grade Aluminum
- HD-SDI Encoder • Lemo Power Input



TER-CUBE-105 • 1 Channel 3G HD-SDI to h.264 Video Over Ethernet or 3G/4G LTE Encoder Your Price \$1690.00

TER-CUBE-155 • Dual Band WiFi 1-CH HD-SDI Encoder Your Price \$1990.00

TER-CUBE-255 • Dual Band WiFi 1-CH HDMI Encoder Your Price \$1590.00

Osprey Talon G1 H.264 Video Streaming Encoder HDMI Composite Audio Input



HDMI/CVBS inputs One Touch Encoding 2 Configuration Modes Closed Caption Support Simultaneous Streaming and Archiving. Talon's unique design allows the user to select from 2 distinct configuration modes to suit a wide range of projects.

- One Touch Start - Front panel control for easy start/stop of encoding.
- Closed Captioning (EIA-608) Type 1 ATSC Picture User Data is automatically embedded in the H.264 SEI per SCTE 128-1 standard.
- HTTP based configuration - Easily control encode settings with the user-friendly
- HTTP based interface. Quickly modify resolutions, frame-rates, and destination settings.
- Professional Audio Options - Embedded HDMI: One stereo pair per input.

OSP-TALONG1H • Reg. \$1190.00 Your Price \$1130.49

Securitytronix 7" Touch Screen IP Camera Monitor and Tester



- The ST-IP-TEST2 7 inch touch screen IP camera tester is designed for maintenance and installation of both IP cameras and analog cameras as well as other security equipment.
- It's 1920 x 1200 resolution enables it to display images from network HD cameras and analog cameras in top quality.
- The unit supports both ONVIF PTZ and analog PTZ control.

- A combination of touch screen and push buttons make the IP camera tester very user friendly.
- In addition the tester is also a great tool for Ethernet networks and cabling systems.

ST-IP-TEST2 • Your Price \$490.00

Tresnet IPQ-1000 Handheld Video Over IP MPEG Transport Stream Analyzer with Internal Hard Drive & Case

- Alarms on all streams simultaneously can monitor both ASI and IP streams at the same time
- Auto discovery of all transport streams on both ASI and IP interfaces (no specific IP setup necessary)
- The device utilizes a 5" touch screen for its graphical interface to make setup and configuration more recognizable to video professionals
- MPEG2 / H.264 Video decoder to verify contents on the LCD screen
- Unique hardware accelerated design allows for multi-stream alarm evaluation ATSC A/78 and ETSI TR-101-290.
- Internal rechargeable battery provides a runtime of over 5 hours under typical use.
- Updatable via the USB port

TRES-IPQ-1000 • Your Price \$5495.00



Phabrix SxA Portable Audio/Video Test Signal Generator

The PHABRIX SxA is the World's first 3G-SDI, HD-SDI and SD-SDI portable video test signal generator, monitor and analyzer plus AES audio testing and monitoring. Never before has a hand held testing instrument combined three toolsets in the one handheld product - Generator, Analyzer and Monitor.



several units for the workplace instead of sharing a single unit which has resulted in the SxA becoming PHABRIX's best selling test and measurement instrument.

SXA-PHABRIX • Your Price \$3805.00

It is this functionality which has caught the imagination of the professional broadcast and manufacturing engineer who needs a compact and easy to use solution for both in-studio support and for applications which suit the SxA's portability. The cost comparisons between the SxA and many bench bound solutions make it a real opportunity for an organization to purchase

Securitytronix ST-ALLIN1-TEST2 7 Inch Touch Screen IP Camera Monitor and Tester



- Easily aim and focus your camera at the camera
- View IP, TVI, SDI, CVI, AHD & Analog cameras
- HDMI Input & HDMI output
- H.264 / H.265
- IP Camera discovery
- IP address scanning
- ONVIF 2.4 & RTSP compatible
- PoE and 12VDC 2A power outputs supply power directly to cameras
- Built-in WiFi

- Built-in web browser • CoC (Control over Coax) • PTZ Control: pan, tilt & zoom, focus adjustment • Supports Pelco D/P • Video record and playback, camera image snapshot • 8GB Micro SD card (included)

ST-ALLIN1-TEST2 • Your Price \$689.00

Murideo Fox & Hound Video and Audio 18Ghz HDMI Distribution Testing Kit



This 18Gbps Generator and Analyzer Testing Kit was built as the ideal testing unit for all custom and commercial integrators. The Fox & Hound Test Kit comes with an 18Gbps Generator and 18Gbps Analyzer. these tools allow you to confirm correct bandwidth, HDCP, resolution, timing, HDR metadata and many more options that could cause system hiccups if not treated correctly.



Generator

- HDCP select-able - 2.2, 1.4, none - confirms if the system will work or not • Hot plug detect & hdcp lights • Portable/battery operated • EDID read functionality

Analyzer

- Analyze any HDMI/DVI signals up to 18Gbps (4096x2160p60 4:4:4) • Test HDMI/DVI cables up to 18Gbps • View up to 18Gbps video content & format info anywhere

MUR-AC-FXHD-KIT • Your Price \$2495.00

Digital Forecast Bridge X-TS Troubleshooter BUNDLE

Multi Platform A/V Signal Converter - Analyzer SDI HDMI VGA RGB AES

The Bridge X-TS is a multi-platform signal converter/analyzer/test-pattern generator and a whole lot more! The X-TS Bundle! Digital Forecast has put together a package that will make it easy for installers or any user to grab and go. The bundled package includes a "high impact" hard shell case, a Sony battery adapter, HDMI,SDI, Component video cables, 3.5mm audio cable, ac adapter, a desktop mount and more!



- Up/Down/Cross/Scan converter
- Multiple standard Video / Audio signal - (CVBS, AES/EBU, SDI, VGA, COMPONENT, Analog audio, HDMI)
- Analog audio MUX / DEMUX • User selectable output format
- Test Pattern Generator (Stop screen and Moving Box screen)
- Menu OSD function • Audio level check (Most 8 channels are monitored)
- Touch Screen LCD Built in For Input signal monitoring • External Battery

DF-X-TS-BUNDLE • Reg. \$1199.00 • Your Price \$1139.00



PCI-E VIDEO CARDS

PRODUCTION
ESSENTIALS

mark

Blackmagic DeckLink Mini Recorder 4K Low Profile PCIe Capture Card

DeckLink Mini Recorder 4K is a low profile PCIe capture card, featuring 6G-SDI and the latest HDMI 2.0a connections so you can record all formats up to 2160p30 on your computer! The SDI and HDMI inputs automatically detect and switch between all video formats. You even get high dynamic range recording and metadata over HDMI, along with support for Rec. 2020 color space. The DeckLink Mini Recorder 4K is perfect for integrating into mobile live capture environments, broadcast trucks and more!

BMD-DLMR4K • Your Price \$195.00

Blackmagicdesign

Blackmagic DeckLink 4K Extreme 12G PCI Video Capture Card

The ultimate digital cinema capture card featuring two full frame DCI 4K inputs and outputs via 12G-SDI! You get dual link multi rate 12G-SDI connections that work with SD, HD and Ultra HD even in Ultra HD 60p, as well as full frame DCI 4K at 4096 x 2160 resolution up to 60p! Capture 10-bit YUV or full color bandwidth 12-bit RGB. Includes AES/EBU audio, up, down and cross conversion, plus built in 3D stereoscopic output at full bandwidth 4:4:4 RGB!

BMD-DL4KE12G • Your Price \$895.00

Blackmagicdesign

Blackmagic Design BDLKDUO2 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!

BMD-BDLKDUO2 • Your Price \$495.00

Blackmagicdesign

Blackmagic BMD-BINTSPRO4K Intensity Pro 4K Capture Card

Intensity Pro 4K lets you capture and playback on PCIe Mac, Windows and Linux computers. Featuring HDMI and analog breakout connections, Intensity Pro 4K works with NTSC/PAL, HD and Ultra HD video with or without compression and is compatible with all popular video editing, audio, and streaming software. DaVinci Resolve Lite and Media Express software are included free so you get professional editing, grading and media management without having to buy extra software!

BMD-BINTSPRO4K • Your Price \$199.00

Blackmagicdesign

Blackmagic Design BDLKDVQD2 DeckLink Quad 2 PCIe 4 Lane

This new model of DeckLink Quad 2 features 8 independent 3G-SDI connections so it can now work in high HD frame rates and it supports SDI formats in SD and HD up to 1080p60. Each SDI connection is completely independent, meaning that each of the 8 connections can input or output entirely different video standards and content streams, all at the same time. DeckLink Quad 2 can also capture and playback at the same time, and also includes a reference connection for black burst/tri-sync.

BMD-BDLKDVQD2 • Your Price \$995.00

Blackmagicdesign

Blackmagic DeckLink Mini Recorder PCIe Capture for 3G-SDI and HDMI

Record uncompressed 10-bit video using from 3G-SDI and HDMI video sources. DeckLink Mini Recorder switches between SD and HD video formats and is perfect for building ingest servers or other video solutions where you need to capture only in a low profile card! Includes two PCIe shields for both full height and low profile slots.

BMD-DLMR • Your Price \$145.00

Blackmagicdesign

Blackmagic Design BDLKSTUDIO4K DeckLink Studio 4K

If you work with a wide range of analog video and audio gear, and need to move seamlessly between SD, HD, 2K and Ultra HD, then DeckLink Studio 4K is perfect! DeckLink Studio 4K includes a massive number of analog and digital video connections including SD/HD/Ultra HD 6G-SDI, HDMI 1.4b, SD/HD component, composite, S-video, 4 ch balanced analog audio, 2 ch AES/EBU switchable to 6 ch out, black burst and tri-sync reference input, RS-422 deck control connections, keying in SD and a hardware down converter.

BMD-BDLKSTUDIO4K • Your Price \$595.00

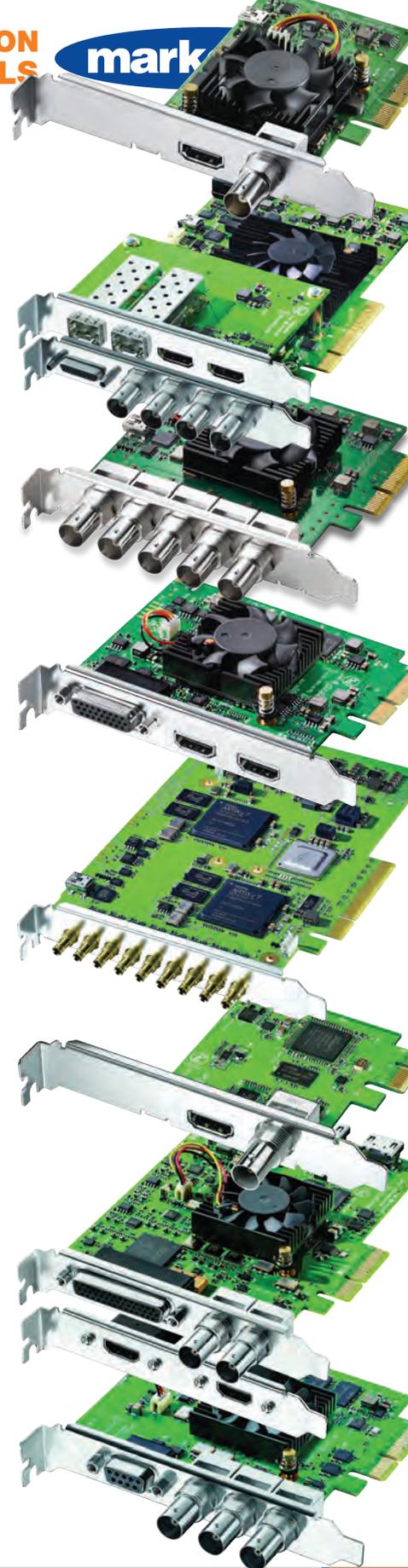
Blackmagicdesign

Blackmagic Design BDLKSIDI4K DeckLink SDI 4K

DeckLink SDI 4K is perfect when you need an SDI only solution but demand the highest quality SDI capture and playback. You get incredible quality 6G-SDI on any PCI Express Mac, Windows or Linux computer. DeckLink SDI 4K is the world's smallest and most affordable multi rate SD/HD and Ultra HD SDI video card that lets you connect to any SD, HD, 2K and Ultra HD equipment. You also get RS422 deck control, internal keying and reference input for a complete solution for editing, paint and design.

BMD-BDLKSIDI4K • Your Price \$295.00

Blackmagicdesign



Blackmagic Design ATEM Television Studio Pro 4K

The ATEM Television Studio Pro 4K by BlackMagic Design features 8 independent 12G-SDI inputs, for working in all popular HD and Ultra HD formats up to 2160p60. Each input features re-sync as well as a full low latency standards converter, which means the input is automatically adapted to the switchers format. You can even have 8 inputs, all running different video formats! The upgraded Fairlight audio mixer features dynamics, 6 band parametric EQ, dual mono channel split and stereo simulator with audio delay on the analog inputs. ATEM Television Studio Pro 4K also features the ATEM Advanced Chroma Key, Ultra HD multi-view and motion clips in the media pool.



Blackmagicdesign

NEW!

BMD-ATEMSTUDPR4K • Your Price \$2995.00

Blackmagic ATEM 2 M/E Production Studio 4K

The new ATEM 2 M/E Production Studio 4K lets you produce broadcast quality live multi camera production in SD, HD or amazing Ultra HD! Featuring 20 inputs with built in re-synchronizers so you can connect the widest range of video sources such as cameras, disk recorders and computers for incredible live music, sport and more! ATEM 2 M/E Production Studio 4K has advanced broadcast features such as chroma key, customizable transitions, upstream and downstream keyers, DVE, Super Source, audio mixer, 2 x multi views, media pool and more! You also get 6G-SDI and HDMI 4K connections and 6 auxiliary outputs for the most advanced live production switching!



4K

BEST SELLER

Blackmagicdesign

SWATEMPSW2ME4K • Your Price \$3995.00

Blackmagic ATEM 1 M/E Production Studio 4K Switcher



• Raise the production standard of any live event with the amazing built in features of ATEM Production Studio 4K switchers!

Blackmagicdesign

4K

- You get upstream luma, linear, pattern and chroma keying for special effects, as well as downstream keying for logos and lower thirds.
- You also get 2 built in media players with media storage in the switcher for professional broadcast graphics.
- Advanced 1 M/E live production switcher with DVE, stingers and 6G-SDI so you can work in SD, HD and Ultra HD!
- ATEM Production Studio 4K switchers have an amazing choice of transitions including Cut, Mix, Dip and Wipe patterns.
- Every transition is instantly available and you get full control of the transition type, pattern, length and more.

BMD-ATEM-1MEPS4K • Your Price \$2495.00

Blackmagic ATEM Production Studio 4K



ATEM Production Studio 4K lets you connect

Blackmagicdesign

NEW!

up to 8 SD, HD or Ultra HD 4K video cameras, disk recorders and computers to do true broadcast quality work. You get all the features you expect from a professional switcher including chroma key, transitions, media pool, downstream keyers, audio mixer, multi view and the world's first 6G-SDI and HDMI 4K video connections. SDI Video Input 4 x 10-bit SD/HD/Ultra HD 4K switchable. 2 channel embedded audio. HDMI Video Input 4 x HDMI type A, 10-bit SD/HD/Ultra HD 4K switchable. 2 channel embedded audio.

BMD-SWATEMPSW04K • Your Price \$1695.00

Blackmagic ATEM Television Studio HD Live Production Switcher

Blackmagicdesign



BEST SELLER

- ATEM Television Studio HD is the first live production switcher designed for both broadcasters and AV professionals
- 4 x 3G-SDI and 4 x HDMI inputs for a total of 8 inputs, all with auto re-sync
- Supports all video formats from SD to 720p, 1080i and 1080p HD up to 60fps
- 1 x built in multi view for 8 sources, as well as preview and program
- Built in media pool graphics storage for 20 RGBA stills
- Built in DVE with 3D borders and drop shadow
- Transitions include cut, mix, dip, SMPTE wipes and more

BMD-SWATEMTVSTHD • Reg. \$995.00 Your Price \$995.00

Blackmagicdesign

Blackmagic Television Studio Pro HD Live Production Switcher



BEST SELLER

- Integrated broadcast switcher and professional hardware control panel.
- 4 x 3G-SDI and 4 x HDMI inputs for a total of 8 inputs, all with auto re sync.
- Supports all video formats from SD to 720p, 1080i and 1080p HD up to 60fps.

- 1x built in multi view for 8 sources, as well as preview and program.
- Built in media pool graphics storage for 20 RGBA stills.
- Built in DVE with borders and drop shadow.
- Transitions include cut, mix, dip, SMPTE wipes and more.
- 1 upstream keyer including chroma keyer plus 2 downstream keyers.
- 1 auxiliary output with aux switching buttons and LCD screen for viewing.
- Built in audio mixer live mixes embedded audio from all video inputs and independent audio inputs.
- Balanced XLR stereo analog audio inputs.
- Internal sources include black, color bars, two color generators and 2 media player outputs.
- Ethernet connection for computer connection.

BMD-SWATEMTVSTPR • Your Price \$2295.00



Meet Frank!
Metal Shop Manager
since 1997



Datavideo GO KMU-100 STUDIO GO-1 Replay Studio Kit



The GO KMU-100 Studio is a complete workstation that converts two 4K inputs into eight HD shots with integrated video tracking, switching, audio mixing, voice synchronization, video encoding, recording, streaming, and video monitoring in one.

Now, you only need two 4K cameras to capture eight HD video shots. Datavideo's GO KMU-100 Studio allows you to pick 8 screens within the 4K image using an easy-to-use control panel with joystick. The real-time video screens can be used for on-site monitoring, streaming, and recording. Those sources can then be saved onto an SD card or USB drive.

datavideo

NEW!

the 4K image using an easy-to-use control panel with joystick. The real-time video screens can be used for on-site monitoring, streaming, and recording. Those sources can then be saved onto an SD card or USB drive.

DV-GO-KMU-100-ST • Your Price \$9299.00

Datavideo HS-2850 HD/SD 8 or 12-Channel Portable Video Studio

- 6 user-defined output options on 3 SDI output channels
- 1 HDMI output for multi-view monitoring
- 4x XLR Analog Audio Inputs, 2x XLR Analog Audio Outputs,
- User defined and positioned dual PIP
- Two DSK with a set up choice of basic Luma key or alpha channel
- Built-in title overlay system (TC-200) that works with CG systems
- Cut, Mix and Wipe with border
- Logo and Clock on screen
- XPT (Cross Point Assignment)



datavideo

NEW!

8-Channel • **DV-HS-2850-8 • Your Price \$6749.00**

12-Channel • **DV-HS-2850 • Your Price \$7249.00**

Datavideo SE-500MU 4 Input HDMI 1080p Video Switcher

- 1080p 3G HDMI input
- Built-in video scaler for mixed resolution inputs
- Control via app - Available for Windows, Mac OS, iOS, and Android
- IP or RS-232 control
- Split screen on PGM output - for corporate applications where they do webinars for training
- Designed for system integrators, one-man operation, AV markets such as corporate, conference, and medical



NEW!

datavideo

DV-SE-500MU • Your Price \$1099.00



NewTek NC1 Studio I/O IP Module

- 4 streams of ST 2110 IN and OUT
- Built-in video servers
- SMPTE 2110 input/output module for TriCaster TC1 and IP Series
- Flexible audio connectivity and configuration, including Dante and AES67
- Professional color correction tools
- Integrated waveform and vectorscope • Gateway to Virtualization



NEW!

TRI-NC1-IOIP • Your Price \$14999.00

Datavideo HS-1300 6 Input HD Mobile Studio with Built-In Streaming and Recording with 4x HD-SDI and 2x HDMI Inputs

- Supports 6 video inputs (SDI x 4 + HDMI x 2) and 3 Video Output: (SDI x 2 + HDMI x 3)
- Support different bitrate for recording to SD card and streaming function
- One button set up for recording and streaming
- Broadcast quality H.264 network streaming
- 2 x XLR Analogue Audio Inputs
- Flexible Mix/Effects Processor with:
- 2 Upstream Keyers, supporting Chroma Key & Linear/Luma Key
- 2 DSK, supporting Linear & Luma Key Modes • 1 PIP (assignable to any of the 4 keys)



NEW!

datavideo

DV-HS-1300 • Your Price \$3499.00



Slingshot

Slingshot Studio Hub 210236 Live Multi-Camera Switcher/Recorder/Streaming Wireless Video Production System

- Connect up to 10 video sources and monitor up to 4 using the Console app running on iPad Air 2 or above (free download from the Apple App Store)
- Switcher supports cut, dissolve and wipe transitions as well as Picture-in-picture (PIP), multiple split views
- Full audio mixer functionality with monitoring mode support and adjustable audio delay up to 330 milliseconds to synchronize line-in audio with video
- Overlays Text overlays, lower-thirds (title and scoreboard)

SLING-STUDIO • Your Price \$999.00

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

The 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.

- Supports up to Full HD 1080p • Easy to Use Interface
- Picture-in-picture and split functions
- Two EFFECTS knobs deliver genuine visual performance

ROL-V-1HD • Your Price \$995.00



Roland
Professional AV

Skaarhoj MII Pocket Controller Hardware Panel Designed for ATEM Television Studio



- The Skaarhoj E21-TVSMII Pocket Controller is a hardware panel designed with the Black Magic ATEM Television Studio in mind.
- Two bus selection rows laid out with 6 buttons each there is a simple Cut and Auto button plus two user buttons that can be dedicated to any function plus a slider for custom transition flows.

SKA-E21-TVSMII • Your Price \$569.05

Atlona HDVS-300-C-KIT
Soft Codec Conferencing System Kit with PTZ Camera

The Atlona AT-UHD-HDVS-300-C-KIT provides a complete integration solution for huddle spaces and meeting rooms using PC-based conferencing codecs such as Skype® for Business, WebEx®, and GoToMeeting®. It includes AV switching, USB and HDMI extension, and integrated system control, plus the AT-HDVS-CAM, an enterprise-grade PTZ camera. The switcher and extender system offers five video inputs for HDMI, DisplayPort, and analog video signals. To simplify conference room device management, the system provides two USB type B connectors for most computers. Two built-in USB hubs, one on the transmitter and one on the receiver, allow for numerous Human Interface Devices (HID), as well as USB microphones and speakerphones plus the HDVS-CAM. For the HDMI inputs, the HDVS-300-C-KIT is compatible with sources and displays up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling. Audio, video, data, control, USB, and Ethernet transmission is carried over a single, Ethernet-enabled HDBaseT link up to 330 feet (100 meters).

ATNO-HDVS300CKIT • Your Price \$2800.00

Atlona AT-HDR-H2H-44MA 4K HDR
4x4 HDMI to HDMI Matrix Switcher



- 4x4 HDMI matrix switcher
- Fast, blink-free switching
- 4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats
- HDCP 2.2 compliant • Independent CEC display control to each output
- EDID management • HDCP management
- HDMI audio de-embedding* for each input • TCP/IP, RS-232, and IR control
- Easy, GUI-based configuration using integrated web server
- Configured and managed by AMS (Atlona Management System)

AT-HDR-H2H-44MA • Your Price \$2100.00

Atlona AT-HD120 Composite Video (BNC) & Stereo Audio to HDMI Video Format Converter



Converting and scaling composite video (BNC) signal to HD Displays becomes as simple as 'plug and play' with the AT-HD120. Includes a built in scaler and on screen control for output resolution options. Selectable resolutions available up to 1080p or 1600x1200.

- Inputs: 1 x Composite Video (BNC), 1 x 1/8" stereo audio (3.5mm)
- Outputs: 1x HDMI (Type A Female)
- Resolutions: Vesa: 1024x768 (XGA), 1280x1024 (SXGA), 1600x1200 (UXGA) – computer display only supports 60hz Video: 480p, 576p (50Hz only), 720p, 1080p HDTV (50/60hz compatible)

ATNO-HD120 • Your Price \$200.00

Atlona AT-HD530 HDMI/DVI To Composite And S-Video Down-Converter

- Automatically detects and down converts the incoming PC or HDTV resolution to NTSC or PAL formats
- Supports high resolution HDTV input up to 1080p and PC input up to UXGA (1600x1200@60Hz).
- Output video format is selectable between Composite Video and S-Video
- When the signal from HDMI or DVI source is HDCP, the Composite and S-Video outputs would be disabled



ATNO-HD530 • Your Price \$350.00

Atlona AT-HD420 HDMI to VGA/Component & Stereo Audio Format Converter

The Atlona AT-HD420 converts HDMI to a VGA or component output plus stereo audio. It enables an HDMI source to connect to a PC monitor, Projector or TV. Its high bandwidth capability supports a wide range of PC monitor and HDTV resolutions up to 1920 X 1200 or 1080p. The converter is also capable of de-embedding audio from the HDMI source and converting it to a stereo 1/8-inch interface. This will allow the user to connect it to a set of speakers, an AVR or any other audio device.

- Supports HDMI input and VGA or component output.
- Allows user to select between VGA or component video output interface.
- Supports VGA VESA resolutions up to 1920x1200 or component video up to 1080p.
- Embedded EDID will simplify the installation procedure. The HD420 will sync up with the source and let the source know to start outputting RGB or YPrPb format depending on the output selection and switch audio to stereo or PCM.
- HDMI 1.3, and DVI compliant.
- DVI Compatible. You can use the HD420 for down converting DVI to VGA or DVI to component video



ATNO-HD420 • Your Price \$240.00

Atlona AT-UHD-EX-70C-TX 4K/UHD HDMI Over HDBaseT Transmitter with Control and PoE

The AT-UHD-EX-70C-TX provides a value-oriented integration solution for simple point-to-point signal extension to a display, or expanding the scope of an AV system design with remote input connectivity. It features a quarter rack width metal enclosure and includes surface mounting brackets for easy under-table, furniture, or on-wall installation.

- HDCP 2.2 compliant
- Local AC powering
- Long distance HDBaseT extension
- Extends bidirectional RS-232 and IR control signals
- Rear panel I/O connectors
- Multi-channel audio compliant
- Field-updatable firmware
- Front panel Power and Link status LEDs
- Power chaining
- 4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling



AT-UHD-EX-70C-TX • Your Price \$300.00





Simplify web conferencing.



HDVS-300-C-KIT
Soft Codec Conferencing System
(also available without camera)

The HDVS-300 is the definitive videoconferencing solution for soft codecs. Simply connect up to five presenter laptops plus USB cameras, mics, speakerphones, soundbars, or touch displays.



Eartec UltraLITE 4 Person Intercom System with 4 Single Headsets



The Eartec UL4S UltraLITE is a 4-Person Wireless Intercom system for use in mobile video production, field production, live sports, theater sets & sounds stages.

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



EAR-UL4S • Your Price \$635.00

Telex Full Cushion Headsets



The HR-1 is a single-sided, medium-weight passive noise reduction headset with dynamic noise-canceling microphones. The headset has a noise reduction rating of 21dB; suitable for use in a moderately noisy environment. The ergonomic moleskin-covered headband design distributes the ear cushion pressure evenly over the entire ear with no pressure points, ensuring hours of comfortable wear. An added advantage of this headset design is that it folds into compact form for ease of transport and storage.

- TX-HR1 • Single Sided • Your Price \$247.00**
- TX-HR2 • Dual Sided • Your Price \$273.00**



Telex Lightweight Headsets



The PH-44 headset is a dual-sided lightweight headset for the ultimate in daylong comfort. It offers a dynamic noise-canceling gooseneck microphone with a semi-rigid, fully adjustable boom for precise positioning.

- Cord Length: 6 ft (1.8288 m) • Impedance: 300
- Microphone Impedance: 200
- Microphone Sensitivity: -65 dBV/Pa
- Microphone Type: Dynamic Noise-Cancelling
- Speaker: Dynamic • Speaker Sens: 109dB SPL/mW

- PH-44 • Dual Sided • Your Price \$199.00**
- PH-88 • Single Sided • Your Price \$192.00**

PH-88R5 • w/5-Pin XLR • Your Price \$192.00



Telex PH-1 Single Sided Headset w/4 Pin XLR



The PH-1 is a medium-weight single-sided headset with foam-filled cushions that offer a light feel with moderate isolation from ambient noise. The dynamic noise-canceling mic is easily positioned with a unique ball joint for continuous adjust-ability.

- Mic Sensitivity: -65dBV/Pa @1cm
- Mic Frequency Range: 200Hz - 6kHz
- Mic Impedance: 150ohm
- Speaker Sensitivity: 95dB SPL @1kHz, 1mW
- Speaker Frequency Range: 100Hz - 10kHz
- Speaker Impedance: 300ohm

PH-1 • Your Price \$214.00



Clear-Com CC-400-X6 Double-Ear Standard Headset with 6-Pin Male XLR Connector

The CC-400-X6 double-ear headset with 6-pin male XLR (balanced mic) 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.



- Type: Closed-back
- Element: Dynamic



- Driver: 40mm diameter, neodymium magnet, copper-clad aluminium wire voice coil
- Frequency Response: 40Hz - 20kHz

CLCM-CC-400-X6 • Your Price \$373.50

Clear-Com CC-400-X4 Double-Ear Headset

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 \$333.00**

Double Ear with 5-pin Male XLR • **CLCM-CC-400-X5 • Your Price \$373.50**

Single Ear Headset with 4-pin Female XLR • **CLCM-CC-300-X4 • Your Price \$279.00**

Single Ear Headset with 5-pin Male XLR • **CLCM-CC-300-X5 • Your Price \$315.00**

Clear-Com CC-26 Single-Ear Lightweight Headset

The CC-26 is a single-ear, 300-Ohm ultra-lightweight (1.3 oz) headset with dynamic, noise-cancelling mic element on a flexible boom. Straight 5.5-foot cord (1.67 meter) with 4-pin female XLR connector. CC-26-X5 (5 pin Male XLR connector).

- Single or Double Ear Headset: Single
 - Open or Enclosed Ear Phone: Open
 - Weight: 39g
 - Earpads Foam or Leatherette: Foam
 - Type of Microphone: Dynamic
 - Impedance Mic/Earpiece: 200ohms/200ohms
- CC-26 • Reg. \$205.00 Your Price \$184.50**



Clear-Com CC-27 Single Ear Wraparound Headset 4-Pin XLR

The CC-27 is a contemporary design, single-ear, wrap around ear worn headset. The dynamic noise cancellation microphone offers excellent frequency response and accurate voice pick-up. This headset offers great comfort during prolonged use. Fitted with a 4 Pin Female XLR connector.

- Weight: 30g
- Earpads Foam or Leatherette: Foam
- Type of Microphone: Dynamic
- Impedance Mic/Earpiece: 200ohms/90ohm

CC-27 • Reg. \$153.00 Your Price \$137.70



INTERCOM SYSTEMS

PRODUCTION ESSENTIALS

markertek®

Clear-Com®

Clear-Com CZ-WH410 Two Channel All-in-One Headset with 2 BAT50 Li-Ion Batteries
Use with DX410 Base Station Only

NEW!



The Clear-Com CZ-WH410 is a light-weight, single-ear, all-in-one wireless headset that operates in the 2.4GHz frequency range. This headset is used with DX410 wireless system. The WH410 uses the BAT50 Li-Ion Batteries and AC50 Battery Charger.

- Two-channel • 2.4GHz frequency range • 7 kHz wide band audio • Up to 15 beltacks and/or all-in-one headsets on a single system • Up to 12 hours of battery life

CLCM-CZ-WH410 • Reg. \$1060.00 Your Price \$954.00

Clear-Com CZ11467 MB300ES Intercom System Base Station with 115-230 VAC Power

- Triple diversity design: transmits the audio signal twice, at different times and frequencies, and selects the strongest signal from two different antennas for uninterrupted communication.
- Flexible power options : enable the MB300 Base Station to operate on 100-240 VAC, 12-14 VDC, 1.5V "AA" batteries or an optional rechargeable BAT850 battery.
- Simple system expansion: with a standard data cable enables connection of multiple MB300 Base Stations to accommodate expanding production crew requirements.



NEW!

Clear-Com®

CLCM-CZ11467 • Reg. \$3160.00 Your Price \$2844.00



Clear-Com RS-701 Single-Channel Standard Beltack

- The RS-701 is a single channel beltack, 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.

BEST SELLER

- Swappable microphone options and built-in limiters in the headsets support a pristine sound. The beltack's wide dynamic range and audio contouring enable intelligible voice communication for every audio level, from a whisper to a shout.

CLCM-RS-701 • Reg. \$325.00 Your Price \$292.50

Clear-Com FreeSpeak II 1.9GHz Digital Wireless Belt Pack

- Up to five communication routes per beltack, 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 - beltacks 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
- Two battery options - rechargeable Li-Ion cells or disposable Alkaline AA Batteries
- Drop-in charging port with built-in USB battery and beltack charging capability
- Strong metallic beltclip and shoulder strap points



BEST SELLER

Clear-Com®

CLCM-FSII BP19X4U • Reg. \$1765.00 Your Price \$1588.50

StudioTech™ Studio Technologies M362 Dante Listen Only Beltpack



NEW!

The StudioTech's Model 362 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 362 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 362 units to support the individual audio monitoring needs of a group of users.

STCH-362 • Your Price \$365.00

JK Audio Outerloop 3.5 Universal Intercom Beltpack for 5 Pin or 4 Pin XLR Headsets

Outerloop 3.5 includes a cable that plugs into the 3.5 mm TRRS headset/earbud jack of your mobile device, providing two-way communications. Separate Send and Receive level controls, a push-on, push-off Talk button, as well as a recessed sidetone level control let you adapt to any situation whether you are around the corner or around the world.

JK Audio

NEW!



- HD Voice Compatible (7 kHz Wide-Band Speech)
- Connects to Phones and Notebooks with 4-conductor 3.5mm Headset Interface
- 4-pin and 5-pin Male or Female Headset Jacks
- Send and Receive Volume Controls
- Push-On, Push-Off Talk Button
- Recessed Sidetone Level control
- Made in America

JK-OUTERLOOP-35F • Female Version • Reg. \$355.00 Your Price \$337.25

JK-OUTERLOOP-35M • Male Version • Reg. \$355.00 Your Price \$337.25

Sonifex 20 Button Advanced Talkback Intercom

- 20 illuminated key-cap Talk buttons plus Listen & Page buttons
- Phone button for remote dialing and control of an external telephone hybrid
- Page button and Group Talk facilities
- Callback button with callback source display
- Three user definable buttons
- Speaker & microphone mute buttons
- Mic & headset inputs, headphone & speaker outputs
- Front panel volume control which operates on speaker/headphone outputs and incoming source levels
- +48V phantom power for the mic inputs
- Ethernet webserver and front panel control & configuration
- Front panel display providing source & destination information



NEW!

SONIFEX

SON-AVN-TB20AD • Desktop Version • Your Price \$3238.00

SON-AVN-TB20AR • Rackmount Version • Your Price \$3432.00



NEW!

RTS BP6000 2-Channel Universal Beltpack 4-pin Male XLR Headset

- The BP-6000-A4M is a portable user station compatible with Audiocom and Clear-Com party line systems.
- The BP-6000 is a 2-channel beltack equipped with a mode-sensing system configuration, meaning the beltack determines what type of system it is installed into and configures itself according to the system.
- The BP-6000 has a 4-pin male XLR connector with auto-sensing headset inputs.
- Dynamic and electret headset microphones are supported. The loop and line connection both use 6-pin.

RTS-BP6000-A4M • Your Price \$436.00

Interspace Industries MC3U MicroCue3 3 USB Cueing System Main Unit Only

The Interspace Industries MC3U MicroCue3 brings ease of use, reliability and control to the world of the small to medium presentation. A single MicroCue3, offers three USB ports to control three computers, using separate front panel buttons that also show the status of that connection. An LCD screen shows the cues of the taught handsets, the signal strength, and just as important, the battery condition of the handset itself.

- 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



NEW!



INTI-MC3U • Your Price \$602.00

INTI-MC3-L2	With 1 x 2-Button Laser Handset	Your Price \$753.00
INTI-MC3-L2-TFC	Twin Pro Kit with 2 x 2-Button Laser Handsets and Case	Your Price \$1506.00
INTI-MC3-S3	With 1 x 3-Button Handset	Your Price \$715.00
INTI-MC3-S3-TFC	Twin Pro Kit with 2 x 3-Button Standard Handset and Case	Your Price \$1431.00
INTI-MC3-L3	With 1 x 3-Button Laser Handset	Your Price \$753.00
INTI-MC3-L3-TFC	Twin Pro Kit with 2 x 3-Button Laser Handsets and Case	Your Price \$1506.00



ESE ES-520UEP 60 Minute Up Timer with 19" Front Panel Rack Mount Option

- .56" Yellow LED Display
- 60 Minute Up count range)
- Start, Stop, Reset functions
- Remote control input • 4 Isolated Trigger Reset inputs
- Optional Tenths of Seconds display • ESE Timer Code™ output
- Optional 1.75" Rackmount enclosure (option "P")
- 220-240 VAC (110-120 VAC is standard) & UL options available

ESE-ES-520UEP • Your Price \$240.00

ESE ES-161UEP Time Code Remote Display with 19" Front Mount Rack Panel

- Reads SMPTE/EBU, ASCII & ESE Time Code™
- Automatic Code Detection
- Six .56" Yellow LED Displays
- Viewing Distance 20' • Switchable Between 12 & 24 Hour Format Display
- Switchable to Date Display • Optional Time Zone Offset
- Optional RS-232 ASCII Output • NPR Code Input / ETC90™ Output Option Available • NTP Option Available • UL & 220-240 VAC options available



NEW!

ESE-ES-161UEP • Your Price \$270.95

DSan PC-MICRO Ultra Compact Cue Light with 2-Button Wireless Actuator (2-Commands)



BEST SELLER

- 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 and includes handy canvas pouch for storing and 2 USB mini cables.
- PerfectCue Micro is a light signaling system.



- It enables a presenter to send cues to a projectionist using a wireless hand-held transmitter.

DSA-PC-MICRO • Your Price \$359.00



BEST SELLER

DSan PerfectCue System Wireless Cue Light Cue Prompter with Case

- Activate / isolate multiple cue lights on a single line.
- Match cue light and actuator communications on 16 selectable channels.
- Connect hand-held actuator for hard-wire backup.
- Connect multiple cue lights via Cat 5 or XLR cable. Only one unit requires power.
- Remotely control presentation software via programmable keyboard commands delivered through two USB ports. Maintain mouse functionality

DSA-PCUE • Your Price \$895.00

DSan PRO-2000KIT Limiter Professional Staging Kit Includes Speaker Timer / Audience Signal Light / Large Carry Case

- 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.
- Connect two or more timers to a single signal light for multi-point start/stop control.



DSA-PRO-2000KIT • Your Price \$1894.00

DSA-PRO2000BTKIT • Wireless Version • Your Price \$2254.00

CBT Systems Value On-Air Light with 120/220V AC Power Supply

- Housing Material: Polished Folded Aluminum
- Mounting Plate: Zinc Plated Folded Steel
- Lens Material: Sign grade lexan plastic
- Lens Color: Blue
- Dimensions: 14.375" W x 3.937" H x 2.625" D
- Weight: 3.5 lbs
- Mounting: Single/Dual Gang J-Box or VESA-75
- Power: LED 12V DC/AC or 120-240V AC - 1.25 watts
- Incandescent 12V DC/AC or 120-240V AC - 20 watts



NEW!



CBT-VAL-130NBW8 • Your Price \$280.00



Manfrotto Nitrotech N12 Fluid Video Head with Continuous CBS



NEW!

The NITROTECH MVHN12AHUS N12 fluid video head features state-of-the-art technology consisting in a Nitrogen piston mechanism that allows continuous counterbalance system that enables precise control of a camera and accessories from 4 to 12 Kg @ 55mm C.O.G. The variable fluidity function on both pan and tilt allows smooth, judder-free movement. It also features a 3/8" Easy Link equipped with

an anti-rotation function that enables an external monitor or other accessories to be fitted. The sliding plate attachment side-lock mechanism allows safe, quick and easy camera attachment. The NITROTECH head has a flat base mount with a standard 3/8" thread that is highly versatile for different support combinations (tripod, slider, jib or crane).

MAN-MVHN12AHUS • Your Price \$599.00

Manfrotto Nitrotech N12 Video Head with 545B Aluminum Twin Leg Tripod Mid-Level Spreader and Carry Bag



- Fluid video head with continuous counterbalance system (4-12 Kg)
- Variable fluid pan & tilt drag system
- Flat base head & dedicated 100mm half ball for precision levelling
- Aluminium twin leg tripod for greater rigidity

MAN-MVKN12TWINMU • Your Price \$1099.99



NEW!



NEW!

Manfrotto Befree Live Carbon Fiber Twist Lock Tripod and Video Head

- Lightweight video tripod kit built for travel performance
- Superior performance with maximum lightness
- Amazing smooth footage with befree live fluid video head
- New M-lock twist lock system for fast, secure operation
- Unique premium design, 100% made in Italy

MAN-MVKBFRCLIVE • Your Price \$349.99



Manfrotto

Varizoom VZ-TK75A Aluminum Video Tripod w/75mm Fluid Head & Carry Case

- 75mm mounting bowl
- Head has a quick-release plate
- Fluid Head with pan and tilt capabilities
- 2-Stage height adjustment with locking rubber buckle
- Mid level spreader
- Built in bubble for leveling
- Switchable Rubber/Spiked feet
- Dual handle capability

VZ-TK75A • Reg. \$199.00 Your Price \$143.00



BEST SELLER

Varizoom
Lens Controls™



NEW!

Sachtler Fluid Head plus Tripod Speed Lock CF & Mid-Level Spreader 100/150 with Rubber Feet and Padded Bag

sachtler



- Weight: 6.6 lbs (3 kg)
- Payload: 1- 33 lbs (1 - 15 kg)
- 12 counterbalance steps
- 5 horizontal and vertical grades of drag, +0
- Tilt range: +90° to -75°
- Slide range: 70 mm
- Temperature range: -40° - 60°c

SACH-1265 • Your Price \$6901.75

Sachtler 5590 Speed-Lock CF HD Carbon Fiber 2-Stage Heavy-Duty Tripod Legs - Supports 209 lbs

- The 5590 heavy duty version of the popular tripod Speed Lock CF is extremely stable and has a maximum load of 95 kg.
- As the fastest Sachtler tripod, it is the perfect solution for the EB/EFP/film area.
- The dual extractable tripod is locked with just three simple steps thanks to the patented quick clamping system.
- Weight: 9.9 lbs • Payload: 0-209 lbs
- Material: Carbon Fibre • Height range: 21.7 - 63.4 in
- Head fitting: 100 mm • Transport length: 29.5 in

SACH-5590 • Reg. \$2600.00 Your Price \$2470.00



NEW!



sachtler



BEST SELLER

Libec TH-X Tripod & Fluid Head with Mid-Level Brace & Case

- Supports up to 9lbs (4.0 kg) • All-in-one tripod system for today's 4K UHD/HD/DV camcorders and DSLR cameras
- Dual head Design (65mm ball/ flat base) for 65mm bowl tripods/flat base equipment with 3/8" screws
- Built-in counterbalance for precise camera balance and tilt movements • One-touch quick release sliding plate for easy camera balance adjustments
- Sliding camera plate compatible with Sachtler and Manfrotto heads

LIB-TH-X • Reg. \$310.00 Your Price \$239.00

Miller 1096 CX10 Fluid Tripod Head

- Affordable, Stable, Robust
- Perfect for payloads to 0-12kg (26.4bs)
- 15+0 CB Plus selectable counterbalance positions
- Ergonomically located CB Plus switch
- 5+0 selectable positions of fluid pan and tilt drag
- Positive selection radial ring controls
- Illuminated bubble level
- Precise floating pan-tilt calliper locks ensure bounce free on-off performance
- Side loading, 60mm balance travel camera plate with 1/4 inch and 3/8 inch screws

MIL-1096 • Reg. \$2144.00 Your Price \$1736.64



NEW!

MILLER

Litepanels® GEMINI

Litepanels Gemini 2x1 LED Soft Panel with Yoke and US powerCon Connection



The Litepanels Gemini is a 2x1 LED panel that provides a wide soft source of color accurate illumination. The Gemini has accurate full spectrum Daylight and Tungsten lighting and now features a new Lighting Effects Mode!

With Lighting Effects Mode you control rate, color, depth and more to create a unique customized look. Effects pre-sets allow you to save and recall your effects and they can also be copied to a USB drive for importing to other lights. The fully customizable effects are TV Simulation, Fire, Emergency Lights, Strobe, Pulse, Fireworks, Party Lights, Paparazzi, Hue Burst and Squares!



LPAN-940-1301 • Your Price \$4298.75

Litepanels Gemini 2x1 LED Soft Panel with Pole Operated Yoke and US Power Cable

- Flexible, modular concept
- Optional Bluetooth and wireless DMX modules allow the brightness, color and cooling mode to be remote controlled
- Modern fixture design with integrated power supply
- Intuitive and ergonomic controls for dimming, color, and fixture set up
- Aluminum core construction to provide maximum durability and superior thermal management
- Durable, industry standard PowerCon locking power connector with an ability to daisy chain power
- Ability to stack and gang lights together with optional hardware and yoke
- LCD screen displays vital setting and status
- Six defined Color temperature presets plus six user programmer presets



LPAN-940-1311 • Your Price \$4654.05

Litepanels Gemini Quad Stacking Kit with Yoke

With the Litepanels 900-3605 Quad Stacking Kit with Yoke you can mount/assemble four Gemini LED fixtures creating a larger light source, quickly and easily. You can shape your light while covering a much larger area.



LPAN-900-3605 • Your Price \$532.00



Litepanels Gemini Dual Stacking Kit with Yoke

With the Litepanels 900-3604 Dual Stacking Kit with Yoke you can mount two Gemini LED fixtures vertically, creating a larger light source, quickly and easily. You can shape your light while covering a much larger area.



LPAN-900-3604
Your Price \$484.50



Litepanels Pole Operated Yoke for Gemini Panels

The Litepanels 900-3605 is a pole operated yoke for Gemini 2x1 LED Light from Litepanels replaces the light's standard yoke and allows pan and tilt adjustment of overhead fixtures. The yoke features two color-coded cups dedicated to panning and tilting into which a separately purchased pole is inserted.



LPAN-900-3616 • Your Price \$532.00



Revolutionise the way you work with the world's fastest tripod.

Sachtler 1017MS System Ace XL with Flowtech 75 Carbon Fiber Tripod, Rubber Feet & Mid-Level Spreader

The Sachtler 1017MS System Ace XL fluid head with flowtech 75 tripod legs offers a tripod system for videographers who use cameras weighing up to 8 kg / 17.6 pounds.

The Ace XL system enables broadcast-style performance while using lightweight components more suited to HDSLRs and compact camcorders. The Ace XL fluid head features fiberglass-reinforced composite construction and weighs only 1.7 kg / 3.7 pounds. The two-stage carbon fiber legs weigh only 2.9 kg / 6.4 pounds. This makes the system lightweight at only 5.3 kg / 11.7 pounds.



SACH-1017MS • Your Price \$1615.00

Sachtler 0465 System FSB 6 Touch&Go with Flowtech75 Carbon Fiber Tripod, Mid-Level Spreader & Rubber Feet

The Sachtler 0465 System FSB 6 Touch&Go fluid head with flowtech75 carbon fiber tripod legs offer a professional tripod system for videographers who use cameras

weighing up to 17.6 pounds. The FSB 6 head provides frictionless leak-proof fluid drag with three levels of drag, for perfect pictures while panning, without jerks and vibrations. Identical across both horizontal and vertical planes, and allows complete disengagement of drag for fast panning. The system includes a mid spreader and bag.



SACH-0465
Your Price \$2199.25

Sachtler 0795 System FSB 8 Sideload with Flowtech75 Carbon Fiber Tripod, Mid-Level Spreader & Rubber Feet

The Sachtler 0795 System FSB 8 Sideload fluid head with flowtech75 carbon fiber tripod legs offer a professional tripod system for videographers who use cameras

weighing up to 22 pounds. The FSB 8 head provides frictionless leak-proof fluid drag with five levels of drag, for perfect pictures while panning, without jerks and vibrations. Identical across both horizontal and vertical planes, and allows complete disengagement of drag for fast panning. The system includes a mid-level spreader and bag.



SACH-0795
Your Price \$2755.00





GEMINI

LIFE IN **TRUE COLOR**

The most accurate and agile softlight.

The Gemini 2x1 LED soft panel provides a beautiful source of soft, color-accurate, full-spectrum Daylight and Tungsten lighting, with fully featured lighting modes; CCT Mode for true daylight and tungsten with +/- green fine tuning, Gel Mode and HSI Mode featuring full color with hue and saturation control at any intensity from 0-100%, and the ability to easily replicate the industry's most popular gel sets.



flowtech™

Evolving tripod technology

Revolutionize the way you work with flowtech™ - the world's fastest tripod legs.

Performance tested in extreme conditions, flowtech™ is incredibly fast, lightweight and easy to set up and adjust compared to any other tripod. Available in a 75mm version and 100mm for heavier camera payloads.

Key Features and Benefits

- Unique quick release brakes
- Ergonomic carbon fibre leg design
- Versatile hinge lock mechanism
- Unique, removable carbon fibre mid-level spreader
- Superior performance and reliability



sachtler

Sachtler DR Bags

Ergonomic protection and storage

Sachtler's DR line of bags come in a variety of sizes with an innovative design that features an extra wide opening, giving you the room to store your camera with accessories attached and still have room for other essentials.



ARRI

**ARRI SkyPanel Light
Panel Series with
Edison powerCON**

The ARRI SkyPanel is one of the most versatile and brightest soft lights on the market! 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 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.

SkyPanel is available in three sizes: the S120, S60 and S30. The S60 is a mid-range model, featuring a light aperture of 645 x 300 mm and accommodating the vast majority of applications. The S30 is a smaller, more portable version; half the length of the S60, it is perfect for on-the-go mobile applications. The S120 is twice as long as the S60, but weighs nearly the same.

- Fully Tuneable - between 2,800 K and 10,000 K - Get the color you want in seconds.
- Tremendous Output. One of the brightest soft lights on the market.
- True Soft Light Beam Quality. Soft and uniform is the name of the game.
- Outstanding Color Rendition.
- LED white light without sacrifices.
- A Single Soft, Clean Shadow. The proof is in the shadows.
- Interchangeable Front Diffuser Panels
- Operate on Location with On-Board Battery Input
- Largest Light Aperture in its Power Class
- Thin 5.1" Profile fits into Tight Locations

ARR-L00007711 • S30-C Color Standard Diffusion Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARR-L00007714 • S30-C Pole Op Color Standard Diffusion Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARR-L00007717 • S30-RP 3200K Remote Phosphor Light Panel
Reg. \$3170.00 **Your Price \$2853.00**

ARR-L00007723 • S30-RP 5600K Remote Phosphor Light Panel
Reg. \$3170.00 **Your Price \$2853.00**

ARR-L00012956 • S120-C Color Standard Diffusion Light Panel
Reg. \$7600.00 **Your Price \$6840.00**

ARR-L00007063 • S60-C Color Standard Diffusion Light Panel
Reg. \$6340.00 **Your Price \$5706.00**

ARR-L00007068 • S60-RP 3200K Remote Phosphor Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARR-L00007066 • S60-C Pole Op Color Standard Diffusion Light Panel
Reg. \$6340.00 **Your Price \$5706.00**

ARR-L00007073 • S60-RP 5600K Remote Phosphor Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

**ARRI SkyLink Receiver and Base Station
for L-Series and Skypanels**

ARRI and Innovative Dimmers have teamed up to create SkyLink: a two-part system that allows for wireless DMX and RDM communication to SkyPanels. The SkyLink Receiver and the SkyLink Base Station use LumenRadio for DMX/RDM communication and a WiFi chip in the Base Station allows for direct control from a DMX control application on a tablet or computer. Setting up a control network has never been easier.

- Two part system: SkyLink Receiver & SkyLink Base Station
- Wireless for all SkyPanels
- WiFi to Wireless DMX
- Fully RDM capable
- Compact and rugged design
- Power via USB port
- Outstanding range
- LumenRadio wireless technology

ARR-L2-0016357 SkyLink Receiver **Your Price \$495.00**

ARR-L2-0016359 SkyLink Base Station **Your Price \$1790.00**



ARRI



ARRI

The ARRI L2.0008196 is a Chimera Lightbank with Frame for the SkyPanel S30. This is a professional grade soft box that increases the light aperture of the SkyPanel by roughly 100%. The lightbank comes with several diffusions and folds away for storage. The frame slides directly into the SkyPanel accessory slot.

- Specially made for SkyPanel S60
- Professional Grade Construction
- Medium Video Pro front
- Includes Lightbank, frame, and three diffusions

ARR-L20008196 • **Your Price \$666.00**

ARRI 4-Leaf Barndoors for SkyPanel

Barndoor for SkyPanel Light allows for control of light spill and narrowing of the beam angle. Additional small flaps protect against light leak between the lamphead and the barndoors.

ARR-L20008187 • Barndoor for S30
Your Price \$220.50

ARR-L20010114 • Barndoor for S120
Your Price \$648.00



ARRI



World's Best Gaffer Tape



Rip it... Rip it Good!

21 COLORS IN STOCK!



12 Yard Handy Gaffer

World's Best Gaffers Tape is now available in handy 12 yard x 1" Wide rolls!

BGT1-12	Black	Your Price \$5.21
SGT1-12	Silver	Your Price \$5.21
WGT1-12	White	Your Price \$5.21
GT1-12-4PK	4 Pack	Your Price \$18.99

Fluorescent Gaffer Tape

Super Visibility! Great for cable & equipment identification. 50 yard rolls.

FOGT1-50	1" Fluorescent Orange	\$10.19
FOGT-50	2" Fluorescent Orange	\$19.36
FPGT1-50	1" Fluorescent Pink	\$10.19
FPGT-50	2" Fluorescent Pink	\$19.36
YGT-50	2" Fluorescent Yellow	\$19.36
YGT3-50	3" Fluorescent Yellow	\$27.80

Spike Tape

Industry standard, removable for marking stage positioning of people, props, aisles etc. Tolerates traffic. 1/2" W x 60 yards.



\$9.49 ea.

SST-WH	White	SST-GY	Gray
SST-BK	Black	SST-GN	Green
SST-RD	Red	SST-BN	Brown
SST-YW	Yellow		

Carabiner Tape Slings

Attention All Grips, Gaffers & Camera Assistants!

The industry way to carry gaffers, spike & rolls of electrical tape on your belt or equipment. Quality carabiner clip with chrome 'O' ring on a rubberized Canare cable with matching color boots for years of use. Tape not included.

GT-CTS1	1 Foot Loop	\$14.95 ea • 3+ \$12.95
GT-CTS2	2 Foot Loop	\$15.49 ea • 3+ \$13.49



This is Not Sales Hype! Pro Tapes ProGaff tape 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. When it comes to gaffers tape — this stuff is incredible. Use it to tape lights to walls, cables to floors, hold scenery & props together, label feeds, splice cables, position mics, seal road cases, shut up critics, on & on & on... No glare finish. Truly the lifesaver of the audio & video industry. Roll size: 2" x 55 yards.

2" x 55 Yard Gaffer Tape
\$19.56 per roll • 24+ \$18.78 per roll

BGT-60	Black	GGT-60	Olive Green
SGT-60	Gray	GRGT-60	Forest Green
WGT-60	White	KYGT-60	Kodak Yellow
BLGT-60	Blue	LGGT-60	Light Green
RGT-60	Red	PGT-60	Purple
MGT-60	Burgundy	TGT-60	Teal/Turquoise
CGT-60	Chocolate Brown	TNGT-60	Tan

Chroma Key Gaffer

FGGT-50	Chroma Key Green,
	50 Yard Roll • \$20.38 per roll
EGT-60	Chroma Key Blue,
	50 Yard Roll • \$19.56 per roll



Camouflage Gaffer

20 Yard Camouflage
CFGT-20 • Your Price \$13.99



Glow in the Dark Gaffer Tape

Improve visibility and safety with the World's Best Gaffers Tape, now available in Glow-In-The-Dark rolls. The pro gaffers won't be seen without it.

GLOWGT-10	1/2" x 10 Yards	Your Price \$12.34
GLOWGT1-10	1" x 10 Yards	Your Price \$13.99
GLOWGT2-10	2" x 10 Yards	Your Price \$28.99

3" x 55 Yard Gaffer

Case Quantity Your Prices apply (\$1.00/roll) - 16/Case.

BGT3-60	Black	Your Price \$27.81
SGT3-60	Gray	Your Price \$27.81
WGT3-60	White	Your Price \$27.81

4" x 55 Yard Gaffer

Case Quantity Your Prices apply (\$1.00/roll) - 12/Case.

BGT4-60	Black	Your Price \$32.94
SGT4-60	Gray	Your Price \$32.94
WGT4-60	White	Your Price \$32.94

Permacel Tape

YES! We also stock Permacel brand Gaffers Tape in 2" x 30 yard rolls for those who need it!

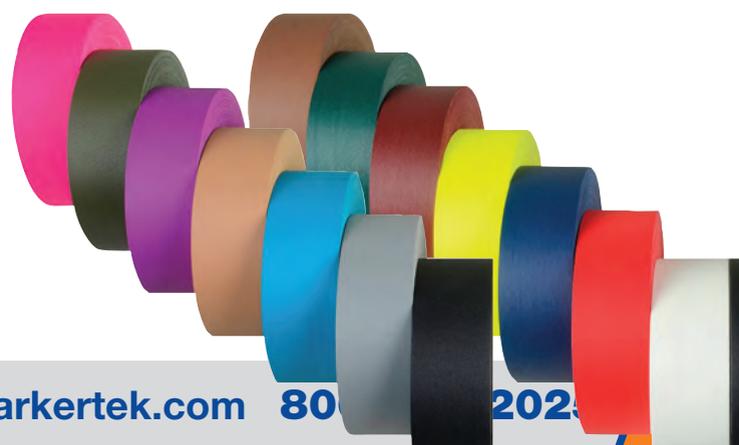
	Per Roll	(24+) per roll
SGP-30	Gray	\$14.81 \$14.22
BGS-30	Black	\$14.81 \$14.22

Double Sided Gaffer

The double sided version of world famous ProGaff 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. White.



DSGT-1X25-WE	1" x 25 Yds.	Your Price \$16.99
DSGT-2X25-WE	2" x 25 Yds.	Your Price \$32.99
DSGT-3X25-WE	3" x 25 Yds	Your Price \$44.99





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 \$19.95



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 \$27.95



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 +200C.

DN5S-6N • Your Price \$24.95



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.



F5S-H6 • Your Price \$15.99

**CAIG Products DeoxIT® L260 PLUS Spray L260
 Lithium Grease Deoxidizer/Protectant Spray**



The L260S-N10D is 10 ounce can of DeoxIT® L260 PLUS L260 Lithium Grease, Deoxidizer/Protectant Spray. Manufactured in semi-solid form for use as a combination cleaning, deoxidizing, protecting and lubricating preparation. Greases protect against oxidation (galvanic corrosion) and are free of mineral acids, sulphurs, alkalis and other noxious components aggressive to metals. DeoxIT® Greases improve performance of electrical contacts and mechanical components that require precise lubrication.

- Flow Point, min: -30°C
- Viscosity @ 100OF, SUS: 785
- ASTM Dropping Point: 285°C
- Specific Gravity @ 20°C: 1.87
- Flash Point: 300°C
- Lowest/Best Operating Temperature (general): -30°C
- Highest Operating Temperature (continuous duty): 200°C
- Acid & Neutralization No. (mg KOH/g): 1.17

CAIG-L260S-N10D • Your Price \$8.95

**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.



D100P • Your Price \$16.49

**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 \$29.95





Improve & Protect Electronic Connections with DeoxIT® Products!

Used By Broadcast Companies Worldwide - Those Who Demand the Best!

+ Cleaner Audio + Clearer Video + Stops Signal Interruption



DeoxIT® D-Series, Contact Cleaner & Rejuvenator *More than a Contact Cleaner . . . Chemically Improves Connections*

DeoxIT® D-Series contact cleaner is a fast-acting deoxidizing solution that cleans, protects, lubricates and improves conductivity on all metal connectors and contacts.

Use as a general treatment for connectors, contacts and other metal surfaces.

Ideal for use on metal surfaces with severe oxidation, corrosion and contamination.

For reference, DeoxIT® D-Series has approximately 20% cleaning action.

Part No. D55-6, Spray, 142 g (other applicators available)



DeoxIT® Gold G-Series, Enhancer, Conditioner & Protector

DeoxIT® Gold G-Series is a unique conditioning solution that improves conductivity and provides long-lasting protection on gold, base metals and other precious metal contacts and connections (gold, silver, rhodium, copper, bronze, nickel, etc.). Protects against fretting and dendrite corrosion. Use on plated connectors, contacts and metal surfaces for maximum performance and protection.

Recommended for critical applications where only slight cleaning action is necessary.

For reference, DeoxIT® Gold G-Series has approximately 0.5% cleaning action.

Part No. G55-6, Spray, 142 g (other applicators available)



DeoxIT® Fader F-Series, Cleans, Lubricates and Protects Conductive Plastic Faders & Controls

DeoxIT® Fader F-Series 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.

Part No. F55-H6, Spray, 142 g (other applicators available)



SESCOM®

Sescom IL-19 Inline Pro Audio Hum Eliminator The Industry Standard



The Sescom 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 Sescom® 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.

Instant Relief For:

- Live Sound Equipment
- Radio & Broadcast Audio
- Line Level Equipment Interface
- Decoupling Lines to Reduce Hum
- Isolating Drive Lines to On-Stage Power Amps
- Long Line Cable Runs
- Bidirectional - Inputs or Outputs

IL-19 • Reg. \$50.95 **Your Price \$46.95**

MTK-IL-19-4PK • 4 Pack Special! • Reg. \$199.95 **Your Price \$144.00**

Sescom SES-A-V-SYNC A/V Lip-Sync Corrector

The SES-A-V-SYNC is a L/R In-Out audio-video synchronization corrector. Another way to describe it is it 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"



- High Resolution Audio Sample Rate Of 48 kHz
- Powered via included external universal AC/DC adapter (input: 100V~240V AC, 50~60Hz)
- Zero Delay signal bypass Option
- Low power consumption
- Up to 24-bit resolution
- Dimensions excluding connectors (L X W X D): 1.75" X 1.75" X 1"

SES-A-V-SYNC • Reg. 90.00 **Your Price \$83.95**

Sescom SpeakON Breakout Audio Box NL4 to Two NL4 Chassis Connectors



This passive, rugged box features Neutrik SpeakON NL4 connectors used to breakout two channels from an audio power amplifier to individual channel 1 and channel 2 outputs connectors for an extremely reliable locking interface.

- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications

SES-NLPB-3 • Reg. 144.49 **Your Price \$128.49**

Sescom SES-XLR-AB Balanced Audio Pro Grade XLR A/B Passive Switch



This is Sescom's basic XLR AB switch. This helpful AB switch can also function as input and output expansions for any of your equipment. Designed to save you time and protect your expensive equipment from the wear and tear of plugging and unplugging connectors. Perfect for your home theater, studio or anywhere you would normally have to plug and unplug devices.

- Designed to switch between two inputs to one common output with high quality locking XLR connectors.
- Switch requires no power and is full duplex / bidirectional.
- Enclosure is 2.5" X 4.625" X 1.625"
- Overall - 3" X 5.25" X 2.5"

SES-XLR-AB • **Your Price \$48.95**

Sescom SES-IPOD-AB iPod Stereo Audio MP3 FLAC WMA Player A/B Switch 3.5mm (1/8)



The Sescom iPod A/B switch solves the common issue of two source selection of 3.5mm stereo sources such as iPods, MP3 players, PC Sound Card outputs and more! Requires no power and can be used bidirectionally. Saves wear and tear on constant equipment connects and disconnects.

- Connecting Dual iPods or MP3 Players to Your House System
- Switch Line Level Inputs to Amplifiers, Mixers or PCs
- Switch Line Level Outputs Between Amps, Mixers or PCs
- Switch Your Sound Card Output Between Headphones for Private Listening and Multimedia Speakers for General Listening
- Switch Your Computer Output Between Two Sets of Reference Monitors
- Bring Rear Mounted Computer Mini Jacks to Front of Desktop Machine
- Great for Recording Multiple Sources with Audacity or Similar Software

SES-IPOD-AB • Reg. \$35.95 **Your Price \$35.95**

Sescom SES-AES-EBU-1 XLR to 75 Ohm BNC Female AES/EBU Impedance Transformer



- 110 Ohm Female XLR to 75 Ohm AES-EBU in-line transformers
- BNC to 3-Pin XLR Receptacle (male & female versions)
- 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 greater attenuation at relevant frequencies
- Perfect for medium haul cable runs

SES-AES-EBU-1 • **Your Price \$18.95**



Audinate® NEW!

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 \$99.00**
- ADN-ADPDAI-AU1X0** • Dante AVIO Analog Input Adapter with RJ45 and XLR female..... **Your Price \$99.00**
- ADN-ADPDAO-AU0X1** • Dante AVIO Analog Output Adapter with RJ45 and XLR male **Your Price \$99.00**
- ADN-ADPDAO-AU0X2** • Dante AVIO Analog Output Adapter with RJ45 and 2 XLR males..... **Your Price \$129.00**
- ADN-ADPDAI-AU2X0** • Dante AVIO Analog Input Adapter with RJ45 and 2 XLR females **Your Price \$129.00**
- ADN-ADPAES3AU2X2** • Dante AVIO AES3 In/out 2x2 Adapter with RJ45 and XLR male and female.. **Your Price \$129.00**



Neutrik NA2-IO-DLINE Bi-Directional DANTE Audio Interface With Balanced XLR and Ethernet Connections

- AES67 compliant
- Rack mountable
- Connect analog audio equipment to a DANTE network
- Lockable audio and network connections
- Convert up to two analog line signals to a DANTE network
- Feed non DANTE ready amplifiers, speakers or mixing desks with signals from the DANTE network
- Requires a Power over Ethernet switch or a PoE injector (802.3 af/at; class 1)
- Heavy duty adapter for rugged stage conditions

NA2-IO-DLINE • Your Price \$293.00



Attero Tech UNDI02X2-C Dante Networked Audio Interface - 2x2 Mic/Line I/O

- Small form factor, can be unobtrusively located near analog sources or sinks
- Dual power (DC or PoE) means the unDI02x2+ will work in systems with either standard or PoE Ethernet switches
- Five input gains to accommodate common line levels, phantom power and dynamic mics

A TEC-UNDI02X2-C • Your Price \$455.00

- +48V phantom power per channel - powers virtually all types of phantom powered microphones typically used in installed AV systems
- Analog output gains software adjustable between 0dB and -60dB plus mute to accommodate all types of line input audio equipment-both consumer and pro levels
- Industry standard +20dBu maximum input levels (at 0dB input gain) and +20dBu maximum output levels
- Full Dante system status LEDs on the front panel



Lectrosonics DNTBOB88 Dante Interface 8 In 8 Out

- 8 balanced line level analog inputs
- 8 balanced line level analog outputs
- Dante™ primary and secondary ports
- Uses standard ethernet hardware
- 8 Dante network outputs
- 8 Dante network inputs
- Gigabit compatible
- AVB ready

LEC-DNTBOB88 • Your Price \$2018.49



Kramer FC-404NET 4x4 Dante Interface

- Dante Network Interface.
- Inputs - Four balanced, line-level/mic inputs.
- Outputs - Four balanced, line-level outputs from the network.
- Volume Settings - Independent input gain/output volume settings per channel.
- Selectable Input Settings - DIP-switch controlled input settings - line level (0db) or mic level (+20dB) with phantom +48 volts.
- Versatile Control - Via the Dante IP control matrix or Kramer Protocol 3000 via RS-232 connection.
- Size - Compact MegaTOOLS - 2 units can be rack mounted side-by-side in a 1U rack space with the optional KR-T2B rack adapter.

KR-FC-404NET • Your Price \$552.00



Focusrite® RedNet 5 - Multi-Channel/Bi-Directional Dante Interface

- Upgrade to RedNet interfaces while remaining fully compatible with your saved sessions
- Each RedNet 5 can route up to 32 input and 32 output channels between your RedNet network and Pro Tools HD system
- Connecting six RedNet 5 units to a Pro Tools HDX system allows up to 192 inputs and outputs - the maximum supported by Pro Tools HDX.
- Maintain your existing Pro Tools workflow with simple, logical assignment of RedNet I/O to Pro Tools HD inputs and outputs
- Compatible with Pro Tools HD TDM systems

FCSR-REDNET5 • Your Price \$999.99



Meet Garrett!
House of Worship Sales Engineer since 2012

RDL ST-PA6 6 W Mono Audio Amplifier - 8 Ohm

The ST-PA6 features two balanced audio inputs, a gain control, equalization control and an 8 Ohm output. The output is designed to deliver a clean 6 watts RMS into an 8 Ohm speaker. Each input is a balanced bridge, with the two inputs actively mixed equally. This is particularly useful for monitoring a stereo line. The output stage features protection against short-circuits and thermal overload. The output protection

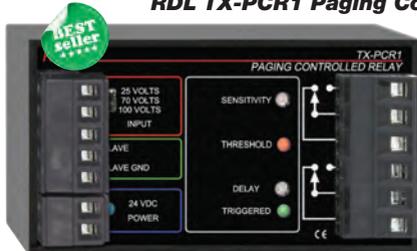
automatically resets once the condition is removed, making fuse protection unnecessary.

- 6 Watts RMS into 8 Ohm
- Amplifier with Balanced Audio Inputs
- Built-In 2-Input Mixer
- Low-Noise and Low-Distortion Amplifier
- Amplifier with Loudness Equalization



ST-PA6 • Reg. \$137.85 **Your Price \$94.49**

RDL TX-PCR1 Paging Controlled Relay



- Switching Functions Controlled by Speaker-Level Source
- Input Accepts Amplified Constant Voltage Signals
- Switch-Selectable Input: 25 V, 70 V, 100 V
- 25 Volt Input Also Accepts 8 Ohm Inputs up to 75 Watts
- Transformer-Isolated Input



- Front-Panel Trimmer Provides Sensitivity Adjustment
- Signal Threshold LED Facilitates Sensitivity Adjustment
- Front-Panel Trimmer Provides Release Delay Adjustment
- LED Indicates when Module is Triggered

RDL-TXPCR1 • Reg. \$190.41 **Your Price \$130.95**

RDL TX-1W Music on Hold Amplifier - 1 Watt

The TX-1W is the ideal choice in on-site installations where the central telephone switching unit needs to be fed with music, voice or combined music/voice signals.

- Feed Audio into Telephone Equipment Music-on-Hold Input
- Adjustable Audio Level
- Optimized Sound Quality
- Unbalanced Output, up to 1 Watt
- Balanced Transformer driver Output
- Ultra Compact Size



TX-1W • Reg. \$101.26 **Your Price \$68.49**

RDL FP-UBC6 Unbalanced to Balanced Converter - 6 Channel

- Unbalanced to Balanced Audio Conversion
- 6 Channel Conversion with Gain Trim
- Connectorized Audio Converter
- Low-Noise and Low-Distortion Conversion
- Cabinet, Shelf or Rack Mounting
- Convenience of RDL FLAT-PAKS



FP-UBC6 • Reg. \$537.91 **Your Price \$370.49**



RDL TX-J2 Unbalanced Input Transformer

- 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)
- Passive design requires no power source
- Small and compact enclosure

TX-J2 • Reg. \$83.63 **Your Price \$57.49**



RDL TX-70A 25V/70V/100V Speaker Level Input Interface - Unbalanced Line Output

- Matches a 100, 70 or 25 volt speaker line to any unbalanced line-level audio input
- Trimmer adjusts output level for various input voltage/power levels
- Frequency response: 20 Hz to 20 kHz (+/- 0.5 dB)
- THD: < 0.05% (1 kHz)

TX-70A • Reg. \$55.15 **Your Price \$48.99**



RDL RU-ADA4D 4 Channel Stereo Audio Distribution Amplifier



- Stereo Audio Distribution with 4 Outputs
- Mono Audio Distribution with 8 Outputs
- Front-Panel Input Level Trimmers
- Dual-LED VU Meter for Each Input Channel
- Front-Panel Output Level Trimmers
- Inputs and Outputs on Rear Panel Detachable Terminal Blocks
- Exceptional Audio Quality for the Most Demanding Applications



RU-ADA4D • Reg. \$359.45 **Your Price \$241.49**

RDL RU-MLB4 Mic/Line Bi-Directional DANTE Network Interface

- Interfaces Four Dante Inputs and Four Dante Outputs
- Converts Four Standard Mic or Line Audio Sources to Dante Network Channels
- Each Input is Switch-Selectable for Mic or Line
- No User or Installer Gain Adjustments are Required
- Automatic Microphone Gain of 40 dB for Condenser Mics and 60 dB for Dynamic Mics
- P48 Phantom is Provided on Each Microphone Input
- Line-Level Inputs Accept Unbalanced -10 dBV or Balanced +4 dBu Signals with > 18 dB Headroom



RU-MLB4 • Reg. \$824.50 **Your Price \$582.20**





Green Glue Acoustic Glue 28 Ounce Tube

Green Glue is a constrained layer damping system, which as a damping material is sandwiched between two other rigid materials such as two sheets of drywall or any other porous building material. Damping occurs when the viscoelastic center of the "sandwich" is sheared. Green Glue works effectively against any impact or airborne noise control problem. Green Glue can be used over any existing wall, floor or ceiling by simply adding another layer of material. No rolling, painting or troweling is necessary. Just open the tube and apply in a random pattern. With a fast and easy installation, anybody can soundproof a room with Green Glue.



Each • **SIC-GG-EA** • **Your Price \$24.99**
 12 Pack • **SIC-GG-CASE** • **Your Price \$169.00**
 5 Gallon Pail • **SIC-GGP** • **Your Price \$290.49**



Green Glue RGG400200 Noiseproofing Sealant



It takes just minutes to apply Green Glue Noiseproofing Sealant along edges and cracks. It dries completely in 48 hours. No training is necessary to use Green Glue Noiseproofing Sealant-it is applied in the same fashion as standard caulking material. The sealant comes in 28-ounce tubes that fit into quart-sized caulking guns. Clean up is simple with just soap and water, even when wet. It can be painted over once dry. Adding Green Glue Noiseproofing Sealant to your soundproofing project can reduce noise transmission by 100 times or more. Green Glue Noiseproofing Sealant

exceeds LEED green building requirements and has been independently tested by Underwriters Laboratories for fire safety and environmental impact.

Each • **SIC-ACS-EA** • **Your Price \$9.50**
 12 Pack • **SIC-ACS** • **Your Price \$109.99**

Green Glue Noiseproofing Joist Tape 100 Feet x 1-7/16-Inch

One of the biggest noise complaints is the sound of footsteps and squeaky floors. The squeaking that's driving you crazy occurs naturally when floors settle, and joists rub together with subflooring. There's an easy solution: Green Glue Noiseproofing Joist Tape. The tape creates an airtight seal and dampens foot traffic, so that annoying squeaking becomes a thing of the past.



GG-RGG401000 • **Your Price \$24.00**

Sonex WWC-2 Whisper Wave Clouds 24in x 48in Acoustical Foam

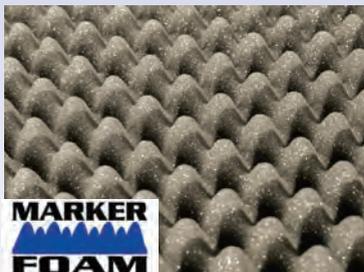


Dreamy, relaxing patterns floating in the air that inspire awe--and absorb noise! That's the new Sonex Whisper Wave. Whisper Waves are made of fireproof melamine foam. Suspended with clear monofilament line (a.k.a. fishing line, not included) from our hangers (sold separately), they float peacefully above

your space. Whisper Waves reduce noise levels and help eliminate echoes. They're also fireproof, UV resistant, and unaffected by heat and humidity. They are used everywhere from conference rooms and restaurants to schools and offices. Sonex Whisper Wave Panels, Baffles, Ceiling Clouds and Awnings are designed to provide you with exceptional acoustical control and design flexibility. They are super lightweight and an ease to install. Whisper Wave products are perfect for classrooms, cafeterias, multipurpose rooms, indoor swimming pools, offices, libraries, religious facilities and other large open areas. Whisper Wave is made from willtec foam, which is Class 1 fire-rated for flame spread and smoke density. Willtec natural also meets the corner burn test UL 1715.

White • **WWC-2-WE** • **Your Price \$379.00**
 Natural Grey • **WWC-2-GY** • **Your Price \$339.00**
 Light Blue • **SONX-WWC-2HW-LB** • **Your Price \$385.00**

Markerfoam 54x54 UL94 Sound Absorption Acoustic Foam Panels - 2 Inch Gray



America's best acoustic foam value! GIANT 54" x 54" sheets are easy to mount and offer excellent sound absorption qualities. Super cost-effective for studios, control rooms, sound stages, OB vans and rehearsal halls. Markerfoam is flame retardant polyether foam, which passes UL94 HF-1 test for flammability.

MF-3 • **Your Price \$59.95**

Markerfoam SAB-1 80 x 72 Inch Jumbo Sound Absorption Blanket

Heavy duty 78" x 72" padded blankets absorb sound wherever they're hung or draped around the sound source. This utility blanket is fabulous for stage, studio and field use. Top professional quality at a super-saver price! Weight: 5.5 lbs.

SAB-1 • **Your Price \$34.99**



Sonex 1.5 Inch Corkscrew Hangers Standard Steel - 12 Pack

The Corkscrew hanger is hardware for use when installing acoustical melamine foam clouds and baffles for ceiling-mounted cable installation. These are available in two lengths. The shorter 1.5 inch long corkscrew hanger is for use when hanging horizontal clouds. The longer 2.9 inch long corkscrew hanger is for use when hanging vertical baffles. Each package contains twelve corkscrew hangers.

SONX-39392 • **Your Price \$38.49**



DYNAMIC HANDHELD

SHURE



**Shure SM58-LC Vocal Microphone
Cable Not Included**

- Type: Dynamic • Frequency Response: 50 to 15,000 Hz
- Polar Pattern: Cardioid • Sensitivity: (at 1,000 Hz Open Circuit Voltage) • -54.5 dBV/Pa (1.85 mV) 1 Pa = 94 dB SPL
- Impedance: Rated impedance is 150Ω (300Ω actual) for connection to microphone inputs rated low impedance
- Polarity: Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3. • Case: Dark gray, enamel-painted, die cast metal; matte-finished, silver colored, spherical steel mesh grille • Connector: Three-pin professional audio connector (male XLR type) • Net Weight: 298 grams (10.5 oz)

SM58LC • Your Price \$99.00



Electro-Voice



**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")
- Weight Ne: 9.49 oz (269 g)

RE-50/B • Your Price \$179.00



SENNHEISER



**Sennheiser MD46 Cardioid
Interview & ENG Microphone**

Omni microphones pick up everything equally, including background noise. 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.

- Dimensions: 49 x 250 mm • Connector: XLR-3
- Frequency response: 40 - 18 000 Hz • Weight: 360 g
- Sensitivity in free field, no load (1kHz): 2.0 mV/Pa
- Nominal impedance: 350 Ohm
- Min. terminating impedance: 1000 Ohm

MD46 • Your Price \$199.95

LAVALIERS



SENNHEISER

**Sennheiser ME 2-II Omni-directional
Clip-on Lavalier Microphone
with Integrated Windscreen**

- Dimensions: d 10.5 mm • Frequency response (Microphone): 50 - 18000 Hz • Transducer principle (Microphone): Permanent polarized condenser • Connection cable: mini-jack • Cable length: 1.6 m • Pick-up pattern: omni-directional • Sensitivity in free field, no load (1kHz): 20 mV/Pa • Equivalent noise level: 36 dB • Maximum sound pressure level (passive): 130 dB • Operating voltage (stand-alone): 7.5 V

SENN-ME-2-II • Your Price \$129.95



SONY

**Sony ECM-44B Omni-directional
Electret Condenser Lavalier
Microphone with XLR Male**

- Capsule Type: Electret Condenser • Frequency Response: 40 Hz to 15kHz • Directivity: Omni-directional • Sensitivity: -53.0 dB ±3 dB • Dynamic Range: 90 dB or more • S/N Ratio: 62 dB or more • Inherent Noise (0dB=20µPa): 32 dB SPL or less • Induction Noise from External Magnetic Field: 5 dB SPL or less • Wind Noise: 40 dB SPL or less (with windscreen, at 2 m/s) • Max SPL (dB SPL)(0dB=20µPa): 122 dB SPL • Connector: B type. Supplied with XLR connector in power supply unit (single AA size battery) • Cable Length: 9.8 feet

ECM-44B • Your Price \$159.99



**Lectrosonics M152/5P High-Performance
Omnidirectional Lav Mic - 5-Pin Plug**

The M152 is a high performance microphone 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. The mic capsule should be positioned in the center of the talker's chest, not to either side, as high up as is practical. In windy conditions, it can be placed underneath a collar or thin clothing to reduce wind noise, although this will dull the sound somewhat.

- Sensitivity: 10mV per Pascal / 100mV @ 114 dB SPL • Impedance: 3 k (2-6 k) • Polar Pattern: Omnidirectional • Freq Range: 20 - 20,000 Hz • Max Operating Voltage: 10V • Standard Operating Voltage: 2V • Current Consumption: 30uA @ 1.3V • Signal/Noise Ratio: More than 38dB

LEC-M152-5P • Your Price \$155.00

STUDIO VOCAL & VOICE OVER

SHURE

**Shure Dynamic Cardioid
Speech/Vocal/Voice-Over
Broadcast Microphone**



- 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

SH-SM7B • Your Price \$399.00



audio-technica

**Audio-Technica AT2035 Studio
Cardioid Condenser
Side-Address Microphone**



- Large diaphragm for smooth, natural sound and low noise.
- High SPL handling and wide dynamic range provide unmatched versatility.
- Custom shock mount provides superior isolation.
- Switchable 80 Hz high-pass filter and 10 dB pad.
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source.

AT2035 • Your Price \$149.00



**AKG C214 Cardioid Condenser
Studio Mic With 1in Diaphragm**



- Switchable 150Hz, 6dB/octave low cut filter
- 143 dB of dynamic range
- Same capsule as the legendary C 414
- All metal die-cast body • Sensitivity: 20 mV/Pa
- Equivalent noise level 13 dB-A (IEC 60268-4)
- Attenuation Pad 20 dB, switchable
- Frequency Response: 20-20,000 Hz
- Integrated suspension to reduce mechanical noise
- Rugged double mesh grill for unaffected acoustics and high RF immunity
- Polar Pattern: cardioid • Max SPL 136/156 dB
- Phantom Power: 12-52V • Dimensions (mm): 160 X 55

AKG-C214 • Your Price \$399.00



HEADWORN AND HEADSET

Audio-Technica BPHS1 Broadcast Stereo Headset



- Microphone features polar pattern and frequency response tailored for natural, highly intelligible vocal reproduction
- Closed-back circumaural ear cups help seal out crowd noise and other background distractions
- Neodymium magnets in microphone and headphones for high output level & detailed sound reproduction



- Rugged design with user-replaceable cable and ear pads
- Cardioid pickup pattern of the dynamic microphone rejects off axis sounds

AT-BPHS1 • Your Price \$199.00

Beyerdynamic DT-108 Headset 200-50 Ohm Black (No Cable)



- Highly sensitive headphone and microphone transducers
- Legendary, classic design
- Excellent ambient noise attenuation
- Capable of handling very high SPL
- Rugged, easy serviceable construction as all parts are replaceable
- Single-sided, detachable cable
- Closed headphone
- Circumaural ear pads
- Excellent comfort for long-term wearing



DT-108-50BK-NC • Your Price \$199.99

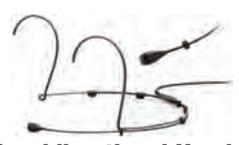
Sennheiser Broadcast Headset 600 Ohm Impedance



- Lightweight with extra soft cushions for excellent wearing comfort
- Accurate and linear sound reproduction for professional Radio and TV applications
- Microphone provides audio transmission in broadcast quality
- ActiveGard (on/off switch) for protected hearing
- Swiveling ear cap for single sided listening
- Microphone can be worn either on right or left hand side
- Modular concept of different cables and cushions for highest flexibility



HMD26II-600-X3K1 • Your Price \$449.95



DPA 4066-B Omnidirectional Headset Microphone - Black

The 4066-B microphone offers clean and transparent sound quality with lots of headroom. For years, this has been the chosen headset mic for broadcasters as well as theaters on Broadway, as well as in many auditorium and lecture halls. This is due to its pristine sound and durability.

- Resistant to humidity
- Double-vent protection system
- Available in three colors and three sizes
- Modular adapter system fits most professional wireless systems

DPA-4066-B • Your Price \$669.95



Point Source Audio CO-3-SH-BE 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

POI-CO-3-SH-BE • Your Price \$99.00



Countryman E6DW6B2SL E6 Earset Mic for Shure TA4F - Black

The Countryman E6 Cardioid Microphone is a miniature ear-set microphone for virtually invisible operation in stage performances, trade shows, houses-of-worship, auctions, lectures and much more.

- Switchcraft TA4-Female for Shure
- 2mm Diameter Duramax Cable
- Headroom for Speaking and Vocals

CNTR-E6DW6B2SL • Your Price \$392.29

GOOSENECK AND BOUNDARY

Shure MX412D/C 12-Inch Gooseneck Mic Desktop Base & 10ft Cable - Cardioid

- Programmable on/off switch and LED on/off indicator
- Logic input and output terminals for remote control or use with automatic microphone mixers
- 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



MX412D/C • Your Price \$288.00

CAD Audio Heavy Duty Dynamic 19 Inch Gooseneck Microphone

- Operating Principle: Moving Coil Dynamic
- Polar Pattern: Omnidirectional
- Frequency Response: 150Hz - 10KHz
- Sensitivity: -56 dBV (1.6 mV) @ 1 Pa
- Impedance: 550 ohms



AMC105SNO-19
Your Price \$109.00

Audio-Technica U851RO Unipoint Omnidirectional Condenser Boundary Microphone

- PivotPoint rotating output connector allows cable to exit from either the rear or the bottom of the microphone
- Small-diameter UniPoint omnidirectional capsule near boundary eliminates phase distortion and delivers clear, high output performance
- Superior off axis rejection for maximum gain before feedback
- UniGuard RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI)
- Self-contained electronics eliminate need for external power module



U851RO • Your Price \$239.00

Audio-Technica U857QL Quick Mount 18.94in Cardioid Condenser Unipoint Gooseneck Mic

- Quick-mount design with 3-pin XLRM-type connector insert at base plugs into any standard XLRF-type surface or cable connector.
- Low-profile element provides uniform cardioid polar pattern with 120 degree acceptance angle.
- Superior off-axis rejection for maximum gain before feedback.
- UniGuard RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI).
- Easy-to-adjust, rugged, small-diameter, alternating gooseneck with virtually no "memory" permits quick positioning into desired shape.



U857QL • Your Price \$199.00



Crown Pressure Zone Microphone

The Crown PZM-11 & PZM-11LL are Pressure Zone Microphones designed for conference-room, security and surveillance applications. Each can be mounted in the ceiling or wall in a standard electrical outlet box. Providing excellent intelligibility, the PZM-11 and PZM-11LL are designed to look like a light switch so as not to draw attention.

- Inconspicuous
- Clear, articulate sound
- Low-impedance screw-terminal output
- Ideal for security, surveillance and conference rooms



PZM-11 • Your Price \$119.00

Beyerdynamic Cardioid Condenser Button Mic - White

- RFI-proof due to Scudio technology
- Classis BM 32 with half-cardioid polar pattern
- Flat, wide range frequency response
- High-quality reproduction of speech
- Unobtrusive design
- Ceiling or tabletop mounting



BYD-BM-32-WE • Your Price \$145.00

**Audio-Technica 3000 Series (Fourth Generation)
Frequency-agile True Diversity UHF Wireless Systems**



- 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
- True Diversity operation reduces dropouts

- 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 capsules
- New rugged cH-style connector on body-pack transmitter provides secure connection to lavalier mics, headworn mics, and cables with cH-style screw-down 4-pin connector
- Body-pack transmitter features tactile mute toggle switch (defeatable) for physical confirmation of mute status when transmitter display is not visible
- Charging terminals on transmitters work with optional ATW-CHG3 and ATW-CHG3N smart charging docks to recharge NiMH batteries

**Audio-Technica ATH-PDG1 Open-air Dynamic High-fidelity
Gaming Headset - 38 Ohms 40mm Drivers**

- Large-diameter 40 mm drivers with CCAW voice coils are specially tuned to provide lively, in-the-game sound
- Open-air design provides unrivaled sound quality, clarity and comfort
- State-of-the-art, flexible boom microphone, with mute and volume control, provides crystal-clear in-game voice communication
- Detachable smartphone cable with inline mic and controls allows the headset to function as a great pair of on-the-go headphones
- Three detachable cables: 3.9' (1.2 m) boom mic cable, 3.9' (1.2 m) smartphone cable and 6.5' (2.0 m) extension cable



AT-ATH-PDG1 • Your Price \$129.00

Audio Technica ATM75cH Condenser Headset



- Professional-quality vocal pickup with hands-free operation • Low-visibility headband provides stable, comfortable fit
- Pivot-mounted flexible mic boom descends from left or right side • Cardioid polar pattern improves isolation of desired sound source
- Rugged 4-pin cH-style screw-down connector provides secure connection to Audio-Technica body-pack wireless transmitter

AT-ATM75CH • Your Price \$129.00

3000 Series configurations

AT-ATW-32101EE1	Bodypack Transmitter w/ cH-Style Screwdown 4-pin Connector 530-590 MHz	Your Price \$299.99
AT-ATW-3211DE2	ATW-R3210 Receiver & ATW-T3201 Body-Pack Transmitter - 470-530 MHz	Your Price \$549.00
AT-ATW-3211EE1	ATW-R3210 Receiver & ATW-T3201 Body-Pack Transmitter - 530-590 MHz	Your Price \$549.00
ATW-3212-C510DE2	R3210 Receiver T3202 Handheld Transmitter C510 Mic Capsule 470-530 MHz	Your Price \$599.00
AT-ATW3212C510EE	R3210 Receiver T3202 Handheld Transmitter C510 Mic Capsule 530-590 MHz	Your Price \$599.00
ATW-3211-831DE2	R3210 Receiver T3201 Body-Pack Transmitter w/ AT831cH Lav Mic 470-530 MHz	Your Price \$649.00
ATW-3211-831EE1	R3210 Receiver T3201 Body-Pack Transmitter w/ AT831cH Lav Mic 530-590 MHz	Your Price \$649.00
ATW-3212-C710DE2	R3210 Receiver T3202 Handheld Transmitter C710 Mic Capsule 470-530 MHz	Your Price \$699.00
ATW-3212-C710EE1	R3210 Receiver T3202 Handheld Transmitter C710 Mic Capsule 530-590 MHz	Your Price \$699.00
ATW-3211-893DE2	R3210 Receiver T3201 BodyPack Transmitter w/ BP893cH Head Mic 470-530 MHz	Your Price \$729.00
ATW-3211-893EE1	R3210 Receiver T3201 BodyPack Transmitter w/ BP893cH Head Mic 530-590 MHz	Your Price \$729.00
ATW-3211-892DE2	R3210 Receiver T3201 BodyPack Transmitter w/ BP892cH Head Mic 470-530 MHz	Your Price \$789.00
ATW-3211-892EE1	R3210 Receiver T3201 BodyPack Transmitter w/ BP892cH Head Mic 530-590 MHz	Your Price \$789.00
ATW-3211-894DE2	R3210 Receiver T3201 BodyPack Transmitter w/ BP894cH Head Mic 470-530 MHz	Your Price \$849.00
ATW-3211-894EE1	R3210 Receiver T3201 BodyPack Transmitter w/ BP894cH Head Mic 530-590 MHz	Your Price \$849.00

**Audio-Technica ATH-PG1 Closed-back Dynamic High-fidelity
Gaming Headset - 38 Ohms 44mm Drivers**



- Large-diameter 44 mm drivers are specially tuned to provide lively, in-the-game sound
- High max input: 1,300mW
- State-of-the-art, flexible boom microphone, with mute and volume control, provides crystal-clear in-game voice communication
- Detachable smartphone cable with inline mic and controls allows the headset to function as a great pair of on-the-go headphones

- Strong, lightweight construction with ultra-comfortable leather headband and earpads enable extended gaming sessions
- Three detachable cables: 3.9' (1.2 m) boom mic cable, 3.9' (1.2 m) smartphone cable and 6.5' (2.0 m) extension cable

AT-ATH-PG1 • Your Price \$129.00

**Audio Technica PRO 35 Cardioid Condenser
Clip-on Instrument Microphone**

- UniMount® clip permits accurate positioning, provides shock resistance and protects element
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Extended frequency response captures subtle nuances of the performance
- 6' (1.8 m) cable permanently attached to microphone

PRO-35 • Your Price \$149.00





Versatile High-Fidelity Wireless

3000 Series expands the possibilities of performance

- Class-leading, extremely wide 60 MHz UHF tuning bandwidth for maximum versatility
- True Diversity operation reduces dropouts
- Unique multifunction button on the handheld and body-pack transmitters can be used to switch to a backup frequency should interference be encountered
- Automatically adjusts squelch setting to maximize range while minimizing potential interference
- Frequency scan and IR sync for ease of setup
- Handheld transmitter offers industry-standard thread mount for use with six interchangeable A-T microphone capsules, as well as other compatible capsules
- New rugged cH-style screw-down 4-pin connector on body-pack transmitter



*Interchangeable
capsule options*

audio-technica

Shure AD4D Axient Digital Dual & Quad Wireless Receivers



Dual and quad receiver options open the gateway to the full range of features, from high-performance RF and transparent digital audio to software control. With Quadversity™, the AD4Q can assign four antennas to a single channel for greater coverage and signal quality.

- Wide tuning range up to 184 MHz
- True digital diversity reception per channel for drop-out resistance
- Networked control with Wireless Workbench software and ShurePlus Channels app
- Optional DC module available to support redundant power

• AD4Q features Quadversity mode for extended antenna coverage and improved RF signal-to-noise

SH-AD4DUS-* Dual Channel..... *Reg. \$3750.00 Your Price \$3000.00*
SH-AD4QUS-* Quad Channel *Reg. \$7500.00 Your Price \$6000.00*

*Frequencies Available: A = 470-636 MHz; B = 606-810 MHz; C = 750-960 MHz



Shure AD1 Axient Digital Bodypack Wireless Transmitter

Axient Digital defies limitations for both RF and audio quality. With industry-leading low latency, transparent frequency response, and wide dynamic range, Axient Digital lets nothing get in the way of true, pure sound. No matter the setting, you'll hear Shure audio quality you can count on. A lightweight yet durable bodypack with breakthrough RF performance and wide tuning up to 184 MHz, the Shure Axient Digital AD1 Bodypack Transmitter wireless bodypack transmitter puts professional quality digital audio within reach.

- Two transmission modes: Standard for optimal coverage and new High Density for maximum system channel count and robust coverage
- Encryption-enabled, secure transmission
- Two connector options: TA4 and LEMO3 Detachable ¼-wave antenna
- Magnesium alloy design for lightweight wear
- AA or SB900A Li-ion rechargeable batteries for convenient power options
- External contacts for docked charging

SH-AD1-* • *Reg. \$999.00 Your Price \$799.00*

* Frequencies Available: G57= 470-616 MHz; K54 = 606-663 MHz; X55 = 941-960 MHz

AD2 Axient Digital Bodypack Handheld Transmitters

Axient Digital defies limitations for both RF and audio quality. With industry-leading low latency, transparent frequency response, and wide dynamic range, Axient Digital lets nothing get in the way of true, pure sound. No matter the setting, you'll hear Shure audio quality you can count on. With break-through RF performance and wide tuning up to 184 MHz, the AD series wireless handheld transmitter puts professional quality digital audio within reach.

- SH-AD2-B87A-*** BETA 87A *Reg. \$1361.00 Your Price \$1089.00*
- SH-AD2-B58-*** BETA 58..... *Reg. \$1236.00 Your Price \$989.00*
- SH-AD2-K8B-*** KSM8 Black... *Reg. \$1624.00 Your Price \$1299.00*
- SH-AD2-K8N-*** KSM8 Nickel.. *Reg. \$1624.00 Your Price \$1299.00*

*Frequencies Available: G57= 470-616 MHz; K54 = 606-663 MHz; X55 = 941-960 MHz



INTEGRITY YOU CAN HEAR.

Shure GLX-D Advanced

Digital Wireless System provides intelligent battery rechargeability, robust RF performance, automatic frequency management and increased channel count with exceptional digital audio clarity and seamless operation. The premium WL185 lavalier microphone offers discreet placement for presentations and other spoken word applications. The industry-standard SM58 vocal microphone capsule delivers warm, clear vocal reproduction.

Exceptional Digital Audio Clarity

The clearest sound from world-renowned Shure microphones via proprietary Shure digital wireless technology.

Intelligent Rechargeability

Rechargeable Lithium-ion batteries with accurate battery metering for up to 16 hours use from a full charge.

Automatic Frequency Management

Linked GLX-D Advanced Wireless receiver communities easily identify and move away from interference continuously, finding the clearest channels for all systems.

Rock-Solid RF Performance for Multiple System Installations

GLX-D Advanced Frequency Managers provide improved RF performance, antenna distribution and seamless frequency management for up to 9 GLX-D Rack Mount systems in typical environments (11 under optimal conditions).



GLX-D Advanced Handheld Configurations

SH-GLXD24R-B58 • *Reg. \$811.00 Your Price \$649.00*
Includes: SB902, GLXD4R Wireless Receiver, GLXD2/BETA58 Handheld Transmitter

SH-GLXD24R-B87A • *Reg. \$861.00 Your Price \$689.00*
Includes: SB902, GLXD4R Wireless Receiver, GLXD2/BETA87A Handheld Transmitter

SH-GLXD24R-SM58 • *Reg. \$749.00 Your Price \$599.00*
Includes: SB902, GLXD2/SM58 Handheld Transmitter, GLXD4R Wireless Receiver

SH-GLXD24R-SM86 • *Reg. \$811.00 Your Price \$649.00*
Includes: SB902, GLXD4R Wireless Receiver, GLXD2/SM86 Handheld Transmitter

GLX-D Advanced Lavalier & Combo Configurations

SH-GLXD14R-85 • *Reg. \$811.00 Your Price \$649.00*
Includes: SB902, GLXD1 Bodypack Transmitter, GLXD4R Wireless Receiver, WL185 Lavalier Condenser Microphone

SH-GLXD14R-93 • *Reg. \$774.00 Your Price \$619.00*
Includes: SB902, GLXD1 Bodypack Transmitter, GLXD4R Wireless Receiver, WL93 Series Subminiature Lavalier Microphones

Handheld/Lav Combo: SH-GLXD124R-85 • *Reg. \$1174.00 Your Price \$939.00*
Includes: SB902, GLXD2/SM58 Handheld Transmitter, WL185 Lavalier Condenser Microphone, GLXD1 Bodypack Transmitter, GLXD4R Wireless Receiver



480MHz 490MHz 500MHz 510MHz 520MHz 530MHz 540MHz 550MHz

INTRODUCING AXIENT® DIGITAL

HEAR NOTHING BUT QUALITY.



Axient Digital defies limitations for both RF and audio excellence. With an industry-leading 2 ms of latency*, linear transient response, and wide dynamic range, nothing gets in the way of true, pure sound. [Learn more at shure.com/axientdigital](http://shure.com/axientdigital)

*From transducer to analog output, in standard transmission mode.

© 2018 Shure Incorporated



SHURE
LEGENDARY
PERFORMANCE™



Sennheiser Evolution Wireless G4 Systems

For years, evolution wireless G3 has been one of the best-selling wireless systems in the market. evolution wireless G4 takes this legacy one step further with more power, features and flexibility.



The Evolution Wireless G4 retains all of G3's best features while simultaneously providing many system improvements. The Evolution Wireless G4 features more power than its predecessor.

- The 300, 500 and IEM series offer increased RF power, up to 50 mW, for greater transmission range. The portable Broadcast & Film sets benefit from 8 hours of battery power.
- The G4 exceeds expectations with increased switching bandwidth of up to 88 MHz in the 300 and 500 series.
- G4's 100 series systems can be daisy chained for fast, coordinated setup via a new linking function.
- G4's intuitive LCD and OLED displays make the lives of engineers easier in any environment.



- EW-100-G4-CI1-A** • Wireless Instrument Set w/ SK 100 G4 Bodypack & EM 100 G4 Rackmount Receiver..... **Your Price \$549.00**
- EW-100G4-835-S-A** • Wireless Vocal Set with SKM 100 G4-S Cardioid Dynamic Handheld Microphone..... **Your Price \$599.00**
- EW-100G4M2835S-A** • Wireless Lavalier/Vocal Combo Set with SKM 100 G4-S Handheld Mic..... **Your Price \$999.00**
- EW-100-G4-ME2-A** • Wireless Lav Set with SK 100 G4 Bodypack & ME 2-II Omni Condenser Lav Mic..... **Your Price \$599.00**
- EW-100-G4-ME3-A** • Wireless Headmic Set w/SK 100 G4 Bodypack & 1 ME 3-II Cardioid Condenser Headmic..... **Your Price \$649.00**
- EW-300G4-8655-AW** • Wireless Vocal Set w/ SKM 300 G4-S Supercardioid Condenser Handheld Mic **Your Price \$999.00**
- EW-300G4BSKRC-AW** • EW 300 G4-Base SK-RC-AW+ Wireless Bodypack Base Set..... **Your Price \$829.00**
- EW-300G4BSSKMSAW** • EW 300 G4-Base SKM-S-AW+ Wireless Handheld Base Set..... **Your Price \$829.00**
- EW-300G4HDM1RCAW** • EW 300 G4-HEADMIC1-RC-AW+ Wireless Omnidirectional Condenser Headmic Set..... **Your Price \$1195.00**
- EW-300G4ME2RC-AW** • EW 300 G4-ME2-RC-AW+ Wireless Omnidirectional Condenser Lavalier Set..... **Your Price \$949.00**
- EW-500-G4-935-AW** • Wireless Vocal Set with SKM 500 G4 Cardioid Dynamic Handheld Microphone..... **Your Price \$899.00**
- EW-500-G4-CI1-AW** • EW 500 G4-CI1-AW+ Wireless Instrument Set **Your Price \$849.00**
- SENN-EW-IEM-G4-A** • EW IEM G4-A Wireless Stereo Monitoring Set with SR IEM G4 Transmitter & EK IEM G4 Receiver..... **Your Price \$999.00**
- EW-IEM-G4TWIN-A1** • Wireless Stereo Monitoring Set w/ SR IEM G4 Transmitter & (2) EK IEM G4 Receivers..... **Your Price \$1295.00**

Sennheiser TC-W-SET-CASE-US TeamConnect Portable Wireless Conference System

TeamConnect Wireless is a portable wireless conference system that provides excellent sound for online meetings. It is extremely easy to set up and host a professional-sounding online meeting in an instant in any room. The system delivers multiple connectivity options with any laptop, smart device or video conferencing system via Bluetooth, USB, or 3.5mm jack; its connectivity makes it a highly flexible asset that supports all your Unified Communications demands.



- Online meeting solution for up to 24 participants
- For flexible meeting rooms
- Connect with any device (BYOD) - smartphone, tablet or PC
- Wireless connectivity via Bluetooth or via USB or 3.5mm jack audio cable
- Supports multiple simultaneous audio channels, so additional callers can be added with ease
- Comes with a portable case for simple storage and charging of satellites
- Best speech intelligibility, for better and more effective online meetings
- Award Winning Design - Winner of the Red Dot Design Award - Best of the Best 2016, German Design Award 2016 and DECT Award

SENN-TCWSETCSUS • Reg. \$4875.00 **Your Price \$3900.00**

Sennheiser SpeechLine Wireless Conferencing Systems



- The SpeechLine Digital Wireless series provides reliable and highly flexible solutions tailored to education and corporate applications. I
- The Sennheiser Control Cockpit software is the revolutionary new tool for easy handling, control and maintenance of the entire SpeechLine

SENN-DIGITAL Digital Wireless system. It shows all relevant status information at a glance and makes setting adjustments for one or multiple devices at the same time very easy.

- Automatic Frequency Management performs an on-site real-time scan on startup to find free frequencies. • During operation, Automatic Interference Management changes seamlessly to a free channel in case of frequency disturbances.
- The two types of sets are either **Rackmount Sets (-R version)**, or **Case Sets (-C version)**, in a transport case.

- SENN-SLHHDW4USC** HANDHELD SET, SL Handheld DW, MME 865 capsule - Case..... **Your Price \$1100.00**
- SENN-SLHHDW4USR** HANDHELD SET, SL Handheld DW, MME 865 capsule - Rackmount..... **Your Price \$1100.00**
- SENN-SLHMDW4USC** HEADMIC SET, SL Headmic 1, SL Bodypack DW - Case **Your Price \$1400.00**
- SENN-SLHMDW4USR** HEADMIC SET, SL Headmic 1, SL Bodypack DW - Rackmount..... **Your Price \$1400.00**
- SENN-SLLVDW4USC** LAVALIER SET, MKE 1 condenser lav mic, SL Bodypack DW - Case **Your Price \$1250.00**
- SENN-SLBNDSETDW4** BOUNDARY SET, 114-S DW Conferencing Mic - Rackmount..... **Your Price \$1400.00**





Up to \$600
Cash Back!

PROMOTION EXTENDED

600 MHz Wireless Trade-in



Sennheiser is dedicated to assisting those whose wireless products will soon be affected by the changing spectrum landscape. To help, **Sennheiser is extending its 600 MHz Wireless Trade-in Program through March 31st, 2019!**

Over the next few years, the FCC's Incentive Auction will prohibit customers from operating wireless microphones in the 600 MHz frequency band. Your current wireless systems may be affected. If so - **Sennheiser will help you trade in your old 600 MHz gear towards new wireless! 600 MHz gear from any competitive manufacturer will be accepted!**

Promotional Period:

Extended through March 31st, 2019

sennheiser.com/600-mhz-promo



Broadcast Supply Specialists.™

SENNHEISER

Behringer 12-Input Digital Mixer for iPad/Android Tablets

- iPad/Android tablet controlled 12-input digital mixer for studio and live application
- 4 award-winning MIDAS-designed, fully programmable mic preamps for audiophile sound quality
- Built-In Tri-Mode Wifi router for direct operation-no need for external routers
- Revolutionary Dugan-style Auto-Mixing auto manages microphone gain sharing
- USB connector for uncompressed stereo WAV recording and playback
- Award-winning X32 effects rack featuring 4 stereo FX slots including high-end simulations such as Lexicon 480L and PCM70, EMT250 and Quantec QRS etc.



BEH-XR12 • Reg. \$374.99 Your Price \$249.99

PreSonus StudioLive Series III Concert Pack



The PreSonus StudioLive III Concert Package is ideal for medium to large-scale applications requiring 32 channels or less. This ecosystem package will allow you to keep the StudioLive 32 in your mix position at front of house, and includes 32 inputs and 16 outputs onstage via the NSB Stageboxes.

Item Includes:

- (x1) StudioLive 32 Series III 32-Channel Digital Mixer with touch-sensitive moving faders & 32 remote XMAX preamps
- (x2) NSB 16.8 16x8 AVB Stageboxes
- (x4) EarMix 16M 16-Channel AVB Networked Personal Monitor Mixers
- (x1) SW5E 5-Port AVB Switch with PoE

PRE-SLS3-CNRT-PK • Reg. \$8499.60 Your Price \$6599.60

Yamaha AG06 6-Channel and Mixer USB Interface

- High resolution (24-bit/192kHz) 2-track audio recording and playback.
- Flexible LOOPBACK feature - perfect for live recording or webcasting.
- "D-PRE" studio quality mic preamps with high gain and low noise.
- Easy control and pro sound with 1-Touch COMP/EQ, Effect and AMP SIM processing.
- +48V phantom power on CH1 input for condenser mics and DI boxes.



YMH-AG06 • Reg. \$269.00 Your Price \$199.99

Behringer MX882 V2 Ultra-Flexible 8-Channel Splitter/Mixer



- Ultra-low noise 8 in/2 out line mixer and 2 in/8 out line splitter
- Each channel can operate independently in mixer or splitter mode

- Usable as 6 in/6 out level matching amplifier or direct injection box
- Converts levels between -10 dBV and +4 dBu
- Extremely wide bandwidth from 5 Hz to 200 kHz for highest signal integrity
- 6 mono in, 6 mono out, 2 main inputs and 2 outputs

BEH-MX882-V2 • Reg. \$179.99 Your Price \$119.99

Allen & Heath AH-SQ-7 33 Fader 48 Channel 32 Onboard Preamp 96kHz Digital Mixing Console

- SQ-7 is the 33-fader flagship console in the SQ series, powered by Allen & Heath's revolutionary 96kHz XCVI FPGA engine.



- Created to excel in demanding scenarios such as AV, corporate events, live productions and houses of worship, SQ-7 offers pristine high-resolution audio quality and an ultra-low latency of <0.7ms.
- The console features 32 exceptional onboard mic preamps, plus 8 stereo FX engines with dedicated stereo return channels and access to the renowned RackExtra FX library.

AH-SQ-7 • Reg. \$4999.00 Your Price \$4499.00

PreSonus StudioLive Series III Mobile Pack



The PreSonus StudioLive III Mobile Package is ideal for applications requiring mobility and quick setup. The StudioLive 16R will allow you to mix a typical live band via 16 inputs.

Item Includes

- (x1) StudioLive 16R 16x8 digital rack mixer with 16 recallable XMAX preamps
- (x4) EarMix 16M 16-Channel AVB Networked Personal Monitor Mixers
- (x1) SW5E 5-Port AVB Switch with PoE

PRE-SLS3-MOBL-PK • Reg. \$3599.70 Your Price \$2799.70

Soundcraft Signature 22 22-Input Analogue Audio Mixer

- High-Performance 22-input small format analogue mixers with onboard effects
- Iconic Soundcraft® Ghost mic preamps with ultra-low noise performance
- Renowned Soundcraft® Sapphire British EQ with sweepable mid-bands per channel
- Lexicon® Effects Engine featuring award-winning Reverbs, Delays, Choruses and Modulations
- dbx® Limiters (High-ratio Compressors) on input channels



SCFT-SIGNATURE22 • Reg. \$874.00 Your Price \$699.00

Rane MLM82S Stereo Mic/Line Rack Mount Mixer



The Rane MLM82S features four balanced, studio grade, Mono Mic/Line Inputs with XLR jacks and 15 VDC

phantom power. Each of the four Mic/Line Inputs may be assigned to the A, the A+B or the B Outputs. Independent Level/Gain Trim controls and Signal/Overload indicators are provided for each Mic/Line Input. The Phantom Power switch and the Mic / Line switches are located on the rear panel. Phantom power is removed from any Input set for Line operation.

RNE-MLM82S • Your Price \$399.00



Denon Prime Professional DJ Media Player with 7" Multi-Touch Display

- The Denon DJ SC5000 Prime represents a real paradigm shift in DJ Technology, right here, right now. This groundbreaking digital DJ Media Player has a high definition, hi-contrast display that enables multi-touch gestures for the ultimate in latency-free, tactile track navigation, load and playback.
- The SC5000 is also the world's first DJ Player capable of on-board music file analysis, really empowering you with its innovative dual-layer deck capability and an 8-inch rugged jogwheel with central display that displays either current playing track or custom artwork.
- 8 multifunction trigger pads for Cues, Loops, Slices and Rolls
- 8-inch rugged metal jog wheel with HD central display
- (3) USB and (1) SD input for music playback



DENON

DN-SC5000-PRIME • Your Price \$1899.00

Denon Prime Professional 4-Channel DJ Club Mixer with Built-In FX and Smart HUB

The very centerpiece of the Denon DJ 'Prime Series' of products, the X1800 is a 4-Channel Pro DJ club mixer, familiar in layout but with new and exciting features to transport you to your next level of live performance.

- Engine Connect™ protocol for beatgrid locked FX • Expressive Denon DJ 'Flex-Fader', Crossfader
- Connect MIDI based effects and instruments
- 24-bit/96kHz digital output for uncompromised audio quality
- Crisp OLED screen for precise menu based adjustments
- (4) Digital inputs for high-resolution audio mixing



DENON

DN-X1800-PRIME • Your Price \$1899.00



Kramer PA-50HZ Compact Hi-Z (70V/100V) Power Amplifier with Line-Level Output

- The Kramer PA-50HZ (PA-50Z) is a compact Hi-Z (70V/100V) power amplifier with line-level output, ideal for small to medium-size meeting spaces and classrooms.
- It features line level output for cascading, recording or conferencing scenarios, along with a small form factor and convection cooling for simple installation.
- The PA-50HZ utilizes 50W of power into a 70V or 100V line.
- Simple and flexible speaker array installation



KR-PA-50HZ • Reg. \$394.00 Your Price \$315.20

Kramer 920 High-Performance 70V/100V Power Amp - 200W

- The Kramer 920 is a high-performance 70V/100V power amplifier for balanced, unbalanced stereo and microphone inputs



- This power amplifier is ideal for meeting spaces, hotel lobbies, auditoriums and large conference halls.



Behringer CX3400 V2 High-Precision Stereo 2-Way/3-Way/Mono 4-Way Crossover



- Professional stereo 2-way/3-way/mono 4-way crossover featuring state-of-the-art Linkwitz-Riley filters with 24 dB/octave
- Individual Limiters on each output for optimal loudspeaker protection
- Adjustable time delay for phase alignment between drivers
- CD horn equalization for constant directivity horn compensation
- Absolutely flat summed amplitude response, zero phase difference
- "Low Sum" function provides mono output for subwoofer operation
- Individual output Gain controls for all bands
- Individual output Mute switches for easy band adjustment
- Individual Phase reverse switches for instant phase correction



BEH-CX3400V2 • Reg. \$194.99 Your Price \$129.99

Behringer CX2310V2 High-Precision Stereo 2-Way/Mono 3-Way Crossover



- Professional stereo 2-way/mono 3-way crossover featuring state-of-the-art Linkwitz-Riley filters with 24 dB/octave
- Additional subwoofer output with independent Frequency control
- Absolutely flat summed amplitude response, zero phase difference
- Individual output Gain controls for all bands
- Switchable 25 Hz Low cut filter on each input for low-frequency driver protection
- Servo-balanced and gold-plated XLR connectors for all inputs and outputs
- Ultra-high precision potentiometers for ultimate accuracy and repeatability



BEH-CX2310V2 • Reg. \$149.99 Your Price \$99.99

Behringer Ultra-Lightweight 6000-Watt 4-Channel Class-D Power Amplifier w/ SmartSense Loudspeaker Impedance Compensation

- The Behringer NX4-6000 is an ultra-lightweight 6000-watt 4-channel Class-D power amplifier with SmartSense loudspeaker impedance compensation.
- This unit delivers 4 x 1600 Watts into 2 Ohms, 2 x 3000 Watts into 4 Ohms and weighs less than 13.4 pounds!
- Ultimate reliability through revolutionary cool-running High-Density Class-D technology with "near-zero" thermal buildup
- Ultra-efficient switch-mode power supply for noise-free audio, superior transient response and low power consumption



loudspeaker impedance compensation.

- Ultimate reliability through revolutionary cool-running High-Density Class-D technology with "near-zero" thermal buildup
- Ultra-efficient switch-mode power supply for noise-free audio, superior transient response and low power consumption

BEH-NX4-6000 • Reg. \$599.99 Your Price \$399.99

Anchor Audio MegaVox Packages



The Anchor MEGA-BP1-H MegaVox has the speech projection to reach a crowd of about 3000 people when used with the optional unpowered companion speaker. This sound system is very light, weighing 15 lbs. The MegaVox is used by firemen, policemen, coaches, FBI agents, Marine drill sergeants, and auctioneers. There are many options to choose from, just take your pick.

- Reaches crowds of 1,000+
- Connect up to four wireless mics
- Anchor AIR compatible

- Built-in Class 1 Bluetooth • Signal alert button
- Built-in rechargeable batteries operate: 6 - 8 hours on a single charge
- 119 dB of clear sound • 20W AC/DC mode • 1.9 GHz wireless frequency
- 1/4" line input • 1/4" line output

AN-MEGA-BP1-H	MEGA2-U2/SS-550 and 1 Wireless WH-LINK Handheld Mic	Your Price \$1373.00
AN-MEGA-BP2-HH	MEGA2-U2/SS-550 and 2 Wireless WH-LINK Handheld Mics	Your Price \$1668.00
AN-MEGA-BP4-HHHH	MEGA2-U4/SS-550 and 4 Wireless WH-LINK Handheld Mics	Your Price \$2458.00
AN-MEGA-DP1-H	MEGA2-U2/MEGA2-COMP/SC-50/two SS-550 and 1 Wireless WH-LINK Handheld Mic	Your Price \$1756.00
AN-MEGA-DP2-HH	MEGA2-U2/MEGA2-COMP/SC-50/two SS-550 & 2 Wireless WH-LINK Handheld Mics	Your Price \$2051.00
AN-MEGA-DP1-AIRH	MEGA2-XU2/MEGA2-AIR/two SS-550 and 1 Wireless WH-LINK Handheld Mic	Your Price \$2183.00
AN-MEGA-DP2AIRHH	MEGA2-XU2/MEGA2-AIR/two SS-550 & 2 Wireless WH-LINK Handheld Mics	Your Price \$2478.00
AN-MEGA-DP4-AIR	MEGA2-XU4/MEGA2-AIR/two SS-550 and 4 Wireless WH-LINK Handheld Mics	Your Price \$3268.00



Anchor Unpowered Wired Companion Speaker

The Anchor AN-1000X+ is an unpowered wired companion speaker monitor that is perfect for install and integration projects, conference rooms, theme parks, classrooms, and much more! It features 107dB of clear sound and 50 Watts of AC mode power with one 4.5" woofer and a 10mm dome tweeter. the 1000x+ operates on a 1.9GHz wireless frequency and can reach crowds of 250+ people. the unit features a 1/4" line input, a balanced XLR input, and a 1/4" line output to daisy chain multiple units together.

AN-1001X-PLUS • Reg. \$153.00 Your Price \$131.00

Anchor with Built-In Dual Wireless Mic Receiver

The Anchor AN-1000XU2+ is a powered speaker monitor with built in dual wireless mic receivers that is perfect for install and integration projects, conference rooms, theme parks, classrooms, and much more! It features 107dB of clear sound and 50 Watts of AC mode power with one 4.5" woofer and a 10mm dome tweeter. the 1000x+ operates on a 1.9GHz wireless frequency and can reach crowds of 250+ people. the unit features a 1/4" line input, a balanced XLR input, and a 1/4" line output to daisy chain multiple units together.



AN-1000XU2-PLUS • Reg. \$628.00 Your Price \$527.00

Anchor Audio Liberty Packages

For twenty years Anchor Audio's Liberty has set the standard in the portable sound system market. Building on the reputation of its battery powered performance and portability, the Liberty Platinum comes to light. Where will you find the Liberty Platinum? At a press conference at the White House. On the track at the Special Olympics. In the gym for a pep rally. On an aircraft carrier for surprise presidential visits. Some companies may say they have portable sound systems, but are you truly portable if you're tethered to an extension cord? Just how long is that cord? With a battery powered Liberty you won't be tied to a power cord, and you can take your sound system anywhere with ease.



- 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-BP1-H	LIB2-XU2 SS-550 and 1 WH-LINK Wireless Handheld Mic	Your Price \$2241.00
AN-LIB-BP2-HH	LIB2-XU2 SS-550 and 2 WH-LINK Wireless Handheld Mics	Your Price \$2536.00
AN-LIB-BP4-HHHH	LIB2-XU4 SS-550 and comes with 4 WH-LINK Wireless Handheld Mics	Your Price \$3326.00
AN-LIB-DP1-H	LIB2-U2 LIB2-COMP SC-50NL 2 SS-550 and 1 WH-LINK Wireless Handheld Mic	Your Price \$2545.00
AN-LIB-DP2-HH	LIB2-U2 LIB2-COMP SC-50NL 2 SS-550 and 2 WH-LINK Wireless Handheld Mics	Your Price \$2840.00
AN-LIB-DP1-AIR-H	LIB2-XU2 LIB2-AIR 2 SS-550 and 1 WH-LINK Wireless Handheld Mic	Your Price \$3252.00
AN-LIB-DP2-AIRHH	LIB2-XU2 LIB2-AIR 2 SS-550 and 2 WH-LINK Wireless Handheld Mics	Your Price \$3547.00
AN-LIBDP4AIRHHHH	LIB2-XU4/LIB2-AIR/two SS-550 & 4 WH-LINK Wireless Handheld Mics	Your Price \$4337.00

Anchor Audio Bigfoot Packages



The Bigfoot Line Array is the newest, biggest, and most powerful Portable Sound System on the market. 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.

- Reaches crowds of 5,000+
- Connect up to four wireless mics
- Anchor AIR compatible
- Built-in Class 1 Bluetooth
- Onboard mic storage bag
- Heavy duty wheels for easy transport
- Built-in rechargeable batteries operate 6 - 8 hours on a single charge
- Designed to cover a football field or large auditorium

AN-BIG-SINGLE-H	BIG2-XU2 and 1 WH-LINK Wireless Handheld Mic	Your Price \$3739.00
AN-BIG-TRIPLEHHH	BIG2-XU4 and 3 WH-LINK Wireless Handheld Mics	Your Price \$4529.00
AN-BIG-QUAD-HHHH	BIG2-XU4 and 4 WH-LINK Wireless Handheld Mics	Your Price \$4824.00





PORTABLE SOUND SYSTEMS

DURABLE | BATTERY POWERED | EASY TO USE



Introducing the New Generation of Portable PA

All-in-One Sound System

Connect up to Four Wireless Microphones

Onboard Volume and Mute Control

Automatic Frequency Hopping for Reduced Wireless Interference

Learn more | anchoraudio.com

Markertek offers a 30-day demo!

Middle Atlantic SR Series 90° Pivoting Racks

Get the advantages of both floor-standing racks and wall-mounted cabinets in one. This unique tall wall rack pivots open 90 degrees on a floor base to provide access to rear equipment connections. Specify an SR Series enclosure for heavier installations that will connect to on-wall cabling or pull boxes, and when easy access to rear equipment connections is essential. Capacity Weight (US): 500lbs.



- Patented Tool Free Quick-Mount system for center section mounting
- Standard adjustable front 10-32 threaded rackrail with numbered spaces

SR-24-32 • 24RU, Depth 32" Reg \$1774.00 **Your Price \$1330.50**

SR-40-22 • 40RU, Depth 22" Reg \$1632.00 **Your Price \$1224.00**

SR-46-28 • 46RU, Depth 28" Reg \$2067.00 **Your Price \$1550.25**



RK Series 19" K.D. Equipment Racks

Now with Enhanced Black Wood Grain Finish & New Options!

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-2	2RU, 3.5"	\$109.50
RK-4	4RU, 7"	\$118.50
RK6	6RU, 10.5"	\$126.00
RK-8	8RU, 14"	\$137.25
RK10	10RU, 17.5"	\$141.00
RK-12	12RU, 21"	\$150.75
RK-14	14RU, 24.5"	\$156.00



CFR Cabinet Frame Racks

Designed to provide rackspace in cabinets, credenzas, podiums, lecterns and other pre-built structures. Features:

- Low profile design maximizes amount of useable rackspace.
- A strong welded frame that allows for pre-loading equipment and transportation to the installation site
- Available in 16" and 18" depths
- Available in 8 to 14 space useable racking height
- Comes standard with two adjustable front to rear lacing bars for cable dressing or mounting accessories
- Rackrail features offset cable tie area which keeps the rack to a slim 19-1/4" width
- Optional runner kits allow the rack to easily slide in or out of cabinets and credenzas.



CFR-10-16	10 Space Cabinet Frame Rack 16" Depth	Your Price \$278.25
CFR-12-16	12 Space Cabinet Frame Rack 16" Depth	Your Price \$278.25
CFR-11-18	11 Space Cabinet Frame Rack 18" Depth	Your Price \$298.50
CFR-12-18	12 Space Cabinet Frame Rack 18" Depth	Your Price \$298.50
CFR-14-18	14 Space Cabinet Frame Rack 18" Depth	Your Price \$298.50



Middle Atlantic RCS-4224 Residential Configured Rack System

The Essex RCS Series Residential Configured Rack System offers exceptional quality and value at cost-effective prices for residential installers. It is completely assembled at the factory and ships with pre-installed accessories to save contractors time in the field while eliminating packaging waste.

- Fully welded steel construction
- Ships fully assembled to save time
- Locking removable side panels for easy integration
- Glass front door, locking rear access panel standard
- Includes front and rear adjustable rackrail

- Assembled with 9 shelves and 9 blank panels
- Top mounted DC fans
- Essex accessory brackets included

MAP-RCS-4224 **Your Price \$1259.25**

Connectronics Utility Shelves are 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 **\$32.95**
US2 3.5"H (2 RU); Shelf Area : 17.375"W x 14.312"D **\$34.49**

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 with a 25 lb. weight capacity • Black powder coat • 1RU high x 10" Deep



UTR-1 **Your Price \$33.00**

Adjustable Telescoping Rack Shelf

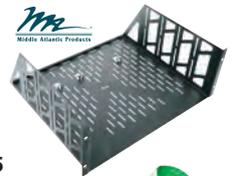
Unlike standard adjustable shelves, the entire VSA shelf telescopes to reach rear rail, providing a range of useable depths from 16" to 44". Ideal for even the deepest components. Finished in a durable black powder coat & fully vented. Capacity: 500 lbs.



VSA-1626 16-26", 1RU High..... **Your Price \$125.25**
VSA-2744 27-44", 1RU High..... **Your Price \$153.75**

UxV Series Vented Utility Shelf

Featuring fully ventilated bottom and sides for heat dissipation, these fully welded, easy-to-install shelves fit all components up to 17 3/8" wide to quickly meet all of your rackmounting needs. Made from 16-gauge steel.



U2V • 2 Space..... **Your Price \$59.25**

Super Low Cost Rack Drawers

Organize Your Rack for Half the Price!

Samson rack drawers are the durable choice that won't empty your pockets! Light Weight 19"/483mm Rack Drawer, Lockable, with Slam Lock and rear cable knockout. Material: Steel/Aluminum.



TN-RD1	1RU	Reg. \$95.99	Your Price \$64.99
TN-RD2	2RU	Reg. \$95.99	Your Price \$65.99
TN-RD3	3RU	Reg. \$107.99	Your Price \$67.95
TN-RD4	4RU	Reg. \$119.99	Your Price \$81.95



CAT5/CAT6 CABLES

Laird Belden 10GX Enhanced Shielded Category 6A 10 Gigabit IP Ethernet Cables

The future backbone of your IT & IP cable infrastructure starts and stops with a Belden Category 6A 10GXS cable built by Laird. The continuing evolution of HDBaseT, HDBiT, DANTE and other similar standards for HD video and Digital Audio IP packetization methods demand the



bandwidth of a Category 6A solution. Built Laird tough with Belden 4-pair, 23 AWG UTP copper 10GX cable that exceeds the ANSI/TIA-568-B.2-10 Category 6A standard and is ready for your high speed Local Area Networks (LANs), Server Farms, Storage Area Networks (SANs) and any other heavy data traffic environment.

CAT6-HDBT-003	3'	Your Price \$26.95
CAT6-HDBT-006	6'	Your Price \$29.95
CAT6-HDBT-010	10'	Your Price \$33.95
CAT6-HDBT-025	25'	Your Price \$46.95
CAT6-HDBT-050	50'	Your Price \$69.95
CAT6-HDBT-075	75'	Your Price \$92.95
CAT6-HDBT-100	100'	Your Price \$109.95
CAT6-HDBT-250	250'	Your Price \$239.95



TuffCat Super Duty Cables

Developed for any application requiring heavy duty CAT5e cable deployment. Features Belden 7923a DataTuff Twisted pair cable with CAT-5e connector boots to protect locking tabs on RJ45 connector ends. Perfect in the field connecting audio and video

baluns, or anywhere a heavy-duty CAT5e cable is needed.

TUFFCAT-25	25'	Your Price \$30.95	TUFFCAT-75	75'	Your Price \$63.95
TUFFCAT-35	35'	Your Price \$37.95	TUFFCAT-100	100'	Your Price \$77.95
TUFFCAT-50	50'	Your Price \$47.95	TUFFCAT-200	200'	Your Price \$141.95



RJ45 & RJ11 CAT5e/CAT6 Feed-Thru Barrels

First chassis mount RJ45 to RJ45 feed-thru barrel connectors that fit any standard XLR audio rack panel!

RJ45-RJ45CM	8-Conductor RJ45 Chassis Mount Barrel, CAT5e compatible	\$9.95
RJ-RJ45CM	8-Conductor CAT5e RJ45 Female To RJ45 Female Modular Coupler.....	\$3.95
RJ45-RJ45CM-6	New! Category 6 RJ45 D-Style Panel Mount Coupler.....	\$12.25
RJ11-RJ11CM	RJ11 Female To RJ11 Female Chassis Mount.....	\$12.25
RJ-RJ11CM	RJ11 Female To RJ11 Female Modular Coupler	\$4.40



NEUTRIK®

Neutrik etherCON RJ45 Connectors



NE8FDY-C6 NE8FDY-C6-B NE8FDP NE8FDV-Y110



NE8MC NE8MC-1 NE8MC-1-B NE8FF

'D' Series Panel Mounts

NE8FDP	RJ45 feed-through barrel, Silver	Your Price \$9.95
NE8FDP-B	RJ45 feed-through barrel, Black.....	Your Price \$10.78
NE8FDV-Y110	Rear IDC 110 punch terminals	Your Price \$8.52
NE8FF	Inline RJ45 coupling	Your Price \$16.67

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	Your Price \$10.04
NE8MC	Cable carrier for preassembled RJ45 plugs. Shell, fixing disk, chuck, bush & boot. Includes two cable protection elements for up to 5 mm cable diameters. Black bushing.....	\$2.83
NE8MC-B	As NE8MC but Black Shell	Your Price \$3.21
NE8MC-1	Cable end housing consists of a shell, fixing disk, chuck and bush. X-Series Boot for 3.5 - 8 mm cable diameters. Standard bushing color is black.....	Your Price \$2.65
NE8MC-1-B	As NE8MC-1 but Black Shell.....	Your Price \$3.04

CAT6 Series D Series Panel Mounts

NE8FDY-C6	CAT6 'D' panel connector with metal housing and secure latching system & gas-tight IDC termination, Silver	Your Price \$25.34
NE8FDY-C6-B	CAT6 'D' panel connector w/metal housing & secure latching system & gas-tight IDC termination, Black	Your Price \$26.78

PRODUCTION ESSENTIALS



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'	Your Price \$19.49
CAT5XTRM-20	20'	Your Price \$25.49
CAT5XTRM-25	25'	Your Price \$28.49
CAT5XTRM-35	35'	Your Price \$34.64
CAT5XTRM-50	50'	Your Price \$45.95
CAT5XTRM-75	75'	Your Price \$58.95
CAT5XTRM-100	100'	Your Price \$74.49
CAT5XTRM-150	150'	Your Price \$94.49
CAT5XTRM-200	200'	Your Price \$135.49



PLATINUM TOOLS E-Z RJ45 Connectors

Simplifies terminations by allowing the wires to be inserted through the connector and out the front. 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.

PLAT-EZ5-50	Cat5/5e 50 Pack Clamshell.....	Your Price \$28.12
PLAT-100003B	Cat5/5e 100 Piece Box	Your Price \$55.21
PLAT-EZ5-100J	Cat5/5e 100 Jar Pack.....	Your Price \$55.21
PLAT-100020	Shielded Cat5/5e 50 Pack	Your Price \$67.92
PLAT-100021C	Shielded Cat5/5e 10 Pack	Your Price \$16.07
PLAT-EZ6-50	CAT6 50 Pack	Your Price \$33.89
PLAT-202010J	CAT6 100 Pack	Your Price \$62.26
PLAT-202016J	CAT6+ 50 Pack with Strain Relief	Your Price \$43.26
PLAT-100054C	Pro Crimp Tool w/Tip Cutter	Your Price \$76.49

RJ45 Modular Plugs



High quality shielded 8P8C modular plugs for use with industry standard crimp tools. Feature phosphor bronze with selective gold plating in contact area. For round solid conductor category 6 and 5e cable. Package of 50.

ECL702-022 • Your Price \$10.82 / pk. 5+ \$10.50 / pk.

TN-CAT6MP • CAT6 Plug • \$0.34

Belden 2183P CMP Plenum 4K UHD HDBaseT Ethernet Cable

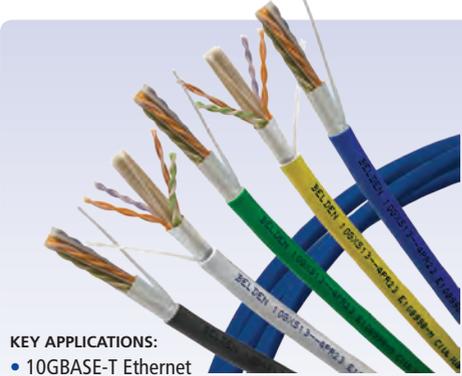
- 100% shielding provides protection from noise interference with AV signal
- Single overall shield construction saves significant termination time
- UL Limited Power (LP) rated to 0.6A per conductor
- Interoperable with leading manufacturers' AV equipment
- Up to 25% smaller than Category 7a
- Easy 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



- **BL-2183P-0250BK** • 250' Reel - Black • Reg. \$442.55 **Your Price \$429.29**
- **BL-2183P-1000BK** • 1000' Reel - Black • Reg. \$1770.20 **Your Price \$1461.89**

Belden 2183R CMR Riser 4K UHD HDBaseT Ethernet Cable

- **BL-2183R-1000BE** • 1000' Reel - Blue • Reg. \$916.80 **Your Price \$757.16**
- **BL-2183R-1000BK** • 1000' Reel - Black • Reg. \$916.80 **Your Price \$757.16**



Belden 10GX12 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.

10GX5 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-10GX5121000* 1000'**Your Price \$583.11**

***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 \$695.00**

***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 \$1390.00**

***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 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
BL-1583A	CAT5e DataTwist	24	Solid	0.195	15.0	70%	Unshielded	PVC/CMR	\$169.86	29
BL-1585A	1583A Plenum	24	Solid	0.198	15.0	72%	Unshielded	Flamarrest	\$310.81	25
BL-1872A	CAT6 MediaTwist UTP	23	Solid	.365 x .165	15.0	70%	Unshielded	PVC/CMR	\$338.11	29



BELDEN CatSnake Cable

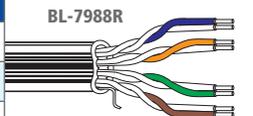
CatSnake™ UTP cables offer exceptional audio/video performance, plus they are extremely rugged and flexible for use outdoors, in broadcast truck applications and professional audio/video use. Belden has a heavy jacket wall version for medium duty applications (1304A) or an upjacketed version for the 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.
BL-1304A	CAT5e / Digital Audio	24	7x32	0.245	15.0	70%	Unshielded	PVC	\$463.91	\$865.14
BL-1305A	Upjacketed 1304A	24	7x32	0.295	15.0	72%	Unshielded	PVC	\$547.54	\$1021.08
BL-1300A	Wi-Fi / LAN / Shielded	24	7x32	0.295	15.0	72%	Unshielded	PVC	\$268.55	\$500.81



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
BL-7988R	Low Skew AV	24	Solid	0.204	15.0	70%	Unshielded	PVC/CMR	\$297.43	29
BL-7987R	RGB Nano Skew	24	Solid	0.195	15.0	72%	Unshielded	PVC/CM	\$275.81	20
BL-7989R	CAT6 Low Skew AV	23	Solid	0.365 x 0.165	15.0	70%	Unshielded	PVC/CMR	\$380.27	29



RJ45 ASSEMBLY

PRODUCTION ESSENTIALS



In today's networks, twisted pair cables are demanding more speed and bandwidth. To help meet these requirements, Cat5e/6/6A cables have increased in size. The new patented ezEX-RJ45 Termination System is the solution providing greater cable to connector compatibility to meet higher performance demands.

- ✓ A unique integrated Hi-Lo stagger load bar
- ✓ Allows "big" conductors to pass through the front end of the connector
- ✓ Easy to verify the wiring sequence before terminating



Platinum Tools ezEX-RJ45 Series EXO-RJ45 Connector Crimp Frames

- Single cycle crimp and flush trim • EXO Die is easily interchangeable • Reversible EXO Die for left hand and right hand users • Connectors lock into tool for correct positioning during crimp • Push button lock for easy storage • Ergonomic comfort grip TPR handles

PLAT-100061C • Crimp Frame with EXO-EX Die
Reg. \$98.00 **Your Price \$83.30**

PLAT-100062C • Crimp Frame with EZ-RJ45 Die
Reg. \$98.00 **Your Price \$83.30**



100071C EXO-EX Connector Die
PLAT-100071C • Reg. \$52.00 **Your Price \$44.20**

100071BL EXO-EX Die Replacement Blade
PLAT-100071BL • Reg. \$5.00 **Your Price \$4.25**

100072C EZ-RJ45 Connector Die
PLAT-100072C • Reg. \$52.00 **Your Price \$44.20**

100072BL EZ-RJ45 Die Replacement Blade
PLAT-100072BL • Reg. \$5.00 **Your Price \$4.25**



Platinum Tools ezEX-RJ45 EX44 10G RJ45 Connectors for 0.039 to 0.044 Conductor Sizes



- Simple one piece/pass through design, no bars or liners
- Hi-Lo stagger isolates each conductor for higher performance
- 5e/6/6A compliant • FCC, RoHS 2 & UL compliant
- Insulation diameter (conductor):
Size range: .039" – .044" (1.0 – 1.12mm)
- Max outer diameter: .290" (7.36mm)
- Rated up to 10 Gigabit for superior performance
- Works with solid or stranded conductors from 24-22 AWG
- Made in USA

PLAT-100028C • 50 Pack • Reg. \$37.50 **Your Price \$31.88**
PLAT-202044J • Jar of 100 • Reg. \$74.00 **Your Price \$62.90**

Platinum Tools ezEX-RJ45 EX48 10G RJ45 Connectors for 0.043 to 0.048 Conductor Sizes

PLAT-100029C • 50 Pack • Reg. \$45.50 **Your Price \$38.68**
PLAT-202048J • Jar of 100 • Reg. \$89.67 **Your Price \$76.22**

Platinum Tools 15305 Minim 2.5 Self-Adjusting Wire Stripper

High quality, self-adjusting wire stripping and cutting tool with a wire range of 30-13 AWG. Compact pistol grip design gives increased control and greater precision vital for stripping smaller cables. The autoform laminated stripping jaws form around the radius of the cable to ensure no damage to the inner conductor.

PLAT-15305 • Reg. \$72.50
Your Price \$61.95



The Belden 10GX REVConnect System is a future ready RJ45 connector system designed to meet the ongoing growth of IP Convergence and the increasing demand of power over Ethernet (POE) standards.

REVConnect makes deployment easier and will put hours back in your day. Increasing the speed of your installation will allow you to complete more jobs, build your IT infrastructure quicker and increase your overall revenue.

- ✓ Single Core for 8 Connector Types
- ✓ Simplified Tooling & Termination
- ✓ 100 Watt POE Support

Belden REVConnect Universal RJ45 Connector Termination Tool

- Single REVConnect Core can be Terminated with CAT5e, CAT6 or CAT6A Connectors
- Versatile - Switch from a Jack to a Plug with No Retermination
- Installs Faster to Complete Projects Quicker
- Gas-tight Connections
- Easy - Terminate All 8 Conductors at Once

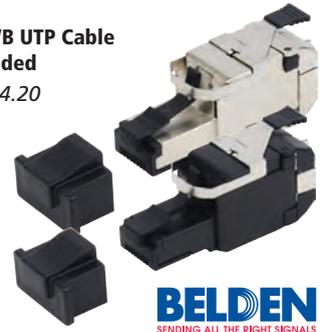


Belden REVConnect 10GX T568 A/B UTP Cable RJ45 Connector Plug - Shielded

BL-RVAFPSME-B24 • Reg. \$504.20
Your Price 24 pack \$463.15

Belden REVConnect 10GX T568 A/B UTP Cable RJ45 Connector Plug - Black

BL-RVAFPUBK-B24 • Reg. \$267.72
Your Price 24 pack \$245.92



Belden RevConnect CAT6plus Jack Electric White UTP T568 A/B Bulk Pack

BL-RV6MJKUEW-B24 • Reg. \$217.26
Your Price bulk pack \$199.57

Belden REVConnect Cable Core

BL-RVUCOEW-B50 • Reg. \$25.75
Your Price 50 pack \$23.65

Belden REVConnect 10GX T568 A/B UTP RJ45 Modular Jack Connectors

- BL-RVAMJKUBK-B24** • Black • Reg. \$395.01 **Your Price 24 pack \$362.85**
- BL-RVAMJKUBL-B24** • Blue • Reg. \$395.01 **Your Price 24 pack \$362.85**
- BL-RVAMJKUEW-B24** • White • Reg. \$395.01 **Your Price 24 pack \$362.85**
- BL-RVAMJKUTB-B24** • TIA Blue • Reg. \$395.01 **Your Price 24 pack \$362.85**



NCEO NATIONAL CENTER FOR EMPLOYEE OWNERSHIP

Meet Heidi!
Accounts Receivable
Manager since 2014

Laird PAC Power Breakout Boxes

- Ideal solution for sound and live event staging as a means to streamline power delivery over a single run to mobile racks and rigs
- Features a power pass through port to further extend lines as needed
- Protected against overload by a built-in circuit breaker
- Add in Laird's PAC adapter cables to power IEC gear such as mixers, monitors, Ethernet switches and more for a complete end-to-end power solution
- Heavy Duty Powder-Coated Housing • Rugged Locking Chassis Connectors



NEW!



PAC-T1MT1FX5 • Single powerCON TRUE1 input connection broken out to 4 powerCON TRUE1 receptacles.....	Your Price \$219.49
PAC-T1MACX5 • Single powerCON TRUE1 input connection broken out to 4 standard 5-15 NEMA AC outlets.....	Your Price \$180.49
PAC-MCAACX5 • Single powerCON connection broken out to 4 standard 5-15 NEMA AC outlets.....	Your Price \$169.95
PAC-MCAMPBX5 • Single powerCON connection broken out to 4 separate powerCON outputs.....	Your Price \$186.95

Laird powerCON Molded IEC Power Adapter Cables

Designed for use with Laird PAC Power Breakout Boxes when your gear is equipped with IEC power ports. Perfect for audio mixers, computers, monitors or anything that's IEC-power ready.



NEW!



- Neutrik powerCON Chassis Connectors
- 15A Breaker
- Voltage: 120VAC/60Hz
- Meet CSA and UL Requirements

PAC-T1M2IECF • NAC3MX powerCON TRUE1 Male to IEC Female.....	Your Price \$45.95
PAC-IECM2FCA • NAC3FCA Blue powerCON to IEC Male.....	Your Price \$41.49
PAC-IECM2T1F • IEC Male to NAC3FX powerCON TRUE1 Female.....	Your Price \$39.95
PAC-FCB2IECF • NAC3FCB Gray powerCON to IEC Female.....	Your Price \$41.49

Laird powerCON Power Adapter Boxes

These power adapter boxes are true mains connectors with breaking capacity (CBC) allowing them to be connected or disconnected under load or live. The combo connector permits daisy chaining to additional stage and field gear and the twist-lock system delivers the confidence of power-on at all times. The system uses fully UL recognized components.



NEW!

NEW!



- Rugged Locking Chassis Connectors
- Safe Power Connections
- Neutrik powerCON Chassis Connectors
- 20A Breaker • Voltage: 120VAC/60Hz

PAC-T1FFCB • NAC3FCB Gray powerCON to NAC3FPX powerCON TRUE1 Female.....	Your Price \$142.49
PAC-T1T1F • NAC3PX TRUE1 Male Female Combo Chassis to NAC3FX TRUE1 Female.....	Your Price \$183.49
PAC-T1FCA • NAC3PX TRUE1 Female to NAC3FCB Gray PowerCon.....	Your Price \$199.95
PAC-T1AC • NAC3PX TRUE1 Male Female Combo to NEMA 5-15 Female.....	Your Price \$188.95

Laird 12G-SDI/4KUHD Single Link BNC to BNC Camera Cable on Reel

As 12G / 4K UHD continues to shape the landscape of broadcast TV, sports, live events and commercial production workflows, Laird delivers the most advanced BNC Cable Reels on the market for effectively transmitting 12G-SDI signals up to 325 feet. Utilizing Canare L-5.5CUHD coaxial, these BNC cables are the right choice to future-proof new facility installs in studios and broadcast towers as well as outside broadcast interface applications.



NEW!



- SMPTE ST-2082-1 Compliant for 12GSDI transmission
- SDI Formats 1.5G, 3G, 6G, 12G
- Maximize Broadcast Signal Integrity
- Transmission Distance: up to 328 Ft 12G
- Flame Resistance UL 1666 Riser
- Military Grade Heavy Duty Reel Features Spool Brake and Neutrik Grounded 4K/8K UHD D-Style Chassis Mount BNC Connector

LCR-12G-B-B-100 • 100'.....	Reg. \$611.49 Your Price \$568.95
LCR-12G-B-B-150 • 150'.....	Reg. \$684.49 Your Price \$636.49
LCR-12G-B-B-200 • 200'.....	Reg. \$756.95 Your Price \$703.95
LCR-12G-B-B-250 • 250'.....	Reg. \$829.49 Your Price \$771.95
LCR-12G-B-B-328 • 328'.....	Reg. \$942.95 Your Price \$876.95

Laird 12G-SDI/4KUHD Single Link rearTWIST BNC to BNC Camera Cable on Reel

Laird BNC cable reels break the 12GHz 4K UHD coax barrier! These next-gen mini-RG59 BNC cable reels are designed to handle 12GHz 4K UHD signals up to 150 feet (3G-SDI up to 310 Feet) and provide the critical link between your switchers, cameras and other 4K video gear.



NEW!



- Meets ST 2081-1 and ST2082-1 Standards
 - Durable 18AWG, Precision Coax Cable
 - Superior Pull Strength for Secure Connections
 - Maximize Broadcast Signal Integrity
 - Transmission Distance: up to 149 feet 12G
 - Military Grade Heavy Duty Reel Features Spool Brake and Neutrik Grounded 4K/8K UHD D-Style Chassis Mount BNC Connector
- | | |
|-----------------------------------|------------------------------------------|
| LCR-RT4855-100 • 100'..... | Reg. \$584.95 Your Price \$544.49 |
| LCR-RT4855-150 • 150'..... | Reg. \$646.49 Your Price \$601.49 |

Laird 15A powerCON TRUE1 Male Chassis to Type A powerCON Chassis Mount Power Coupler



NEW!

The Laird PAC-T1MMCA is a handy power coupler featuring a 15A powerCON TRUE1 male chassis mount to powerCON Type A connection.

- Rugged Locking Chassis Connectors
- Safe Power Connections
- Neutrik powerCON Chassis Connectors
- 15A Breaker • Voltage: 120VAC/60Hz
- Meet CSA and UL Requirements
- NAC3MPX powerCON TRUE1 Male Chassis to NAC3FCA Blue powerCON

PAC-T1MMCA • Your Price \$35.95



CAMPLEX FIBER

PRODUCTION ESSENTIALS



Complex Tactical HFO SMPTE Hybrid Fiber Optic Camera Cable Canare FCFA to FCMA

Designed to meet superior strength tactical fiber needs, the Complex FCFFCM-T Series is a lightweight and flexible SMPTE hybrid cable.



- Meets SMPTE 304M and 311M Standards
- Heavy Duty for Harsh Environments
- Crush & Impact Resistant HFO Cable
- Abrasion Resistant Polyurethane Jacket
- Lightweight and Flexible Design
- Machine Polished Fiber Contacts
- Terminations by Canare Certified Technicians
- Electrical Assemblies 100% tested for Continuity and Shorts
- Fiber Optic Assemblies 100% tested for Attenuation and Back Reflection
- Easy Connector Cleaning with Detachable Alignment Sleeve and Insulator

HF-FCFFCM-T-0003 • 3'	.....Reg. \$833.95	Your Price \$750.49
HF-FCFFCM-T-0006 • 6'	.....Reg. \$848.49	Your Price \$763.49
HF-FCFFCM-T-0010 • 10'	.....Reg. \$867.95	Your Price \$780.95
HF-FCFFCM-T-0025 • 25'	.....Reg. \$939.95	Your Price \$845.95
HF-FCFFCM-T-0050 • 50'	.....Reg. \$1059.95	Your Price \$953.95
HF-FCFFCM-T-0075 • 75'	.....Reg. \$1180.49	Your Price \$1062.49
HF-FCFFCM-T-0100 • 100'	.....Reg. \$1300.49	Your Price \$1170.49
HF-FCFFCM-T-0250 • 250'	.....Reg. \$2022.49	Your Price \$1819.95
HF-FCFFCM-T-0328 • 328'	.....Reg. \$2397.49	Your Price \$2157.49
HF-FCFFCM-T-0656 • 656'	.....Reg. \$3975.49	Your Price \$3577.49
HF-FCFFCM-T-0750 • 750'	.....Reg. \$4427.49	Your Price \$3984.49
HF-FCFFCM-T-1000 • 1000'	.....Reg. \$5629.95	Your Price \$5066.95

Laird UHD-2183R Series 4K UHD PoH/PoE Shielded Media Cables

- Laird UHD-2183 series cables lead the industry charge toward 4K HDBaseT content distribution over networks and point to point systems.
- Up to 25% Smaller than Category 7a
- Easy to Bend and Fit into Small Spaces
- Optimized 4K UHD Performance in Harsh Environments up to 328 Feet
- PoE applications to 100W
- 100% Shielding Provides Protection from Noise Interference
- Applications: Full 5-Play, 4K (UHD/DCI), PoE, PoH



UHD-2183R-0005 • 5'	.....Reg. \$33.49	Your Price \$29.95
UHD-2183R-0010 • 10'	.....Reg. \$39.49	Your Price \$35.49
UHD-2183R-0025 • 25'	.....Reg. \$58.49	Your Price \$52.49
UHD-2183R-0050 • 50'	.....Reg. \$89.49	Your Price \$80.49
UHD-2183R-0100 • 100'	.....Reg. \$151.49	Your Price \$136.49
UHD-2183R-0150 • 150'	.....Reg. \$213.95	Your Price \$192.49
UHD-2183R-0200 • 200'	.....Reg. \$275.95	Your Price \$248.49
UHD-2183R-0250 • 250'	.....Reg. \$338.49	Your Price \$304.49
UHD-2183R-0300 • 300'	.....Reg. \$400.49	Your Price \$360.49
UHD-2183R-0328 • 328'	.....Reg. \$435.49	Your Price \$391.95

MTP/MTP 24 Fiber Field Cable - 50 Meters

The Complex opticalCON MTP/MTP singlemode field cable with 24 fiber Neutrik opticalCON MTP connectors simplifies connections and reduces installation time by running multiple fibers in one cable. This ruggedized Complex cable saves space for field deployable broadcast AV applications and data transmission over singlemode fiber trunks.

- Outdoor field deployable
- Low insertion loss and optimized optical return loss values
- Space saving multi-fiber design reduces cleaning and mating time
- Neutrik opticalCON MTP connectors-lockable & waterproof caps with hinged dust covers
- Cut-proof and rodent-resistant double-jacket
- Available in a variety of lengths.
- Made in the USA



CAMPLEX CMX-OCMTPS24-050 • Singlemode	• Reg. \$4995.95	Your Price \$4888.00
CMX-OCMTPM24-050 • Multimode	• Reg. \$3050.95	Your Price \$2897.95

Complex Adjustable Fiber Enclosure for 19 or 23-Inch Racks - Holds 12 Modules for up to 288 Fibers

The CMX-MPR-4RU adjustable rackmount fiber optical enclosure fits both 19 & 23-inch racks and holds 12 Modules for up to 288 fiber termination points. Complex rackmount fiber optic enclosures deliver simplified interconnections in video studio, OB truck and IT cabling systems between routing, video extenders and other active equipment. Our low cost fiber patching solutions offer the added benefit of protecting the mechanical connections of your devices and extend the equipment life.

- 4RU Cabinet with Termination Densities from 144 to 288 Fibers
- Toolless Entry with Sliding Tray for Easy Access
- Internal Mounting
- Holes for Cable Tie-Down, Fiber Management, and Splice Tray
- Routing Guides Limit Internal Bend Radius
- Corrosion Resistant Black Powder-Coated Metal Steel Enclosures
- Heavy Duty Metal Construction



CAMPLEX CMX-MPR-4RU	• Reg. \$169.95	Your Price \$162.95
-------------------------------	-----------------	----------------------------

CWDM Multiplexer/Demultiplexer with LC Fiber Pigtaills

Add additional audio, video or Ethernet fiber lines to an existing fiber run with a Complex CWDM series multiplexer / demultiplexer.



- Use Existing Fiber Infrastructure & Save Conduit Space
- Reduce Fiber Installation & Cleaning Labor
- Bi-Directional & Passive
- Low Insertion Loss & High Channel Isolation
- High Stability & Reliability
- Wide Passband
- Utilize Thin Film Filter & MicroOptics Technology

CAMPLEX CMX-CWDM-3C5557 • 3 Channel	• Reg. \$472.95	Your Price \$425.95
CMX-CWDM-5C4753 • 5 Channel	• Reg. \$777.49	Your Price \$699.95

CANARE SMPTE HFO

Markertek is Your Established Volume Manufacturer for Hybrid Camera Cables!

Complex HF-FCFAFCMA series Canare HFO SMPTE hybrid fiber optic camera cables from a Canare certified shop. Designed for studio and broadcast applications with a polyurethane jacket providing tear resistant characteristics ensuring superb mechanical strength. Meets the most demanding applications for high-speed uncompressed HD video transmissions over long distances. All assemblies are multi-stage machine polished and tested for <.55db RL. Meets or exceeds SMPTE 304M/311M standards.



The Canare FC Series Hybrid Fiber Optic Connector

Offers easy maintenance with a detachable alignment sleeve and insulator. The quality construction includes a stainless steel tip and solder contacts fixed in the insulation housing. Designed for long life and hassle-free cleaning. Canare HFO SMPTE connectors are LEMO compatible.

Custom lengths & configurations always available!

HF-FCFAFCMA-0006	6 Foot.....	Reg. \$785.95	Your Price \$746.95
HF-FCFAFCMA-0010	10 Foot.....	Reg. \$794.95	Your Price \$755.95
HF-FCFAFCMA-0025	25 Foot.....	Reg. \$785.95	Your Price \$745.95
HF-FCFAFCMA-0050	50 Foot.....	Reg. \$835.95	Your Price \$793.95
HF-FCFAFCMA-0075	75 Foot.....	Reg. \$885.95	Your Price \$841.95
HF-FCFAFCMA-0100	100 Foot.....	Reg. \$907.95	Your Price \$862.95
HF-FCFAFCMA-0164	164 Foot.....	Reg. \$1030.95	Your Price \$978.95
HF-FCFAFCMA-0250	250 Foot.....	Reg. \$1185.95	Your Price \$1126.95
HF-FCFAFCMA-0328	328 Foot.....	Reg. \$1352.95	Your Price \$1284.95
HF-FCFAFCMA-0500	500 Foot.....	Reg. \$1686.95	Your Price \$1601.95
HF-FCFAFCMA-0750	750 Foot.....	Reg. \$2173.95	Your Price \$2064.95
HF-FCFAFCMA-1000	1000 Foot.....	Reg. \$2660.95	Your Price \$2527.95



- Assembled with Premium Canare LF-2SM9N 9.2mm SMPTE Camera Cable & Canare Connectors
- Fully Compatible with LEMO 3K Series Connectors
- Industry Standard HFO Camera Cables
- Terminations by Canare Certified Technicians
- Electrical assemblies 100% tested for continuity & shorts
- Fiber optic assemblies 100% tested for attenuation and back reflection
- SMPTE 311M/304M & ARIB Compliant
- Stainless steel assemblies & Rubber dust caps
- 19.4 Mbps to 3 Gbps transport
- Machine polished fiber contacts
- Low insertion and return loss
- Equivalent to All Canare FCC Series HFO Cables

GEPSCO SMPTE HYBRID

Complex SMPTE Hybrid FUW Plug to PUW Socket Gepco HDC920 Outside Broadcast SMPTE Fiber Camera Cables

Complex HF-FUWPUW-G series assembled with premium, extra-flexible Gepco HDC920 9.2mm harsh environment outside broadcast SMPTE cable & LEMO 3K connectors. 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. All assemblies are multi-stage machine polished and tested for <.55db RL. Meets or exceeds SMPTE 304M/311M standards. Built by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available.

Custom lengths & configurations always available!

HF-FUWPUW-G-0010	10 Foot.....	Reg. \$1038.95	Your Price \$946.49
HF-FUWPUW-G-0015	15 Foot.....	Reg. \$935.95	Your Price \$852.49
HF-FUWPUW-G-0025	25 Foot.....	Reg. \$957.49	Your Price \$871.95
HF-FUWPUW-G-0050	50 Foot.....	Reg. \$1011.95	Your Price \$921.95
HF-FUWPUW-G-0075	75 Foot.....	Reg. \$1066.49	Your Price \$971.49
HF-FUWPUW-G-0100	100 Foot.....	Reg. \$1124.95	Your Price \$1020.72
HF-FUWPUW-G-0164	164 Foot.....	Reg. \$1260.49	Your Price \$1147.95
HF-FUWPUW-G-0250	250 Foot.....	Reg. \$1559.95	Your Price \$1420.95
HF-FUWPUW-G-0328	328 Foot.....	Reg. \$1618.49	Your Price \$1473.95
HF-FUWPUW-G-0500	500 Foot.....	Reg. \$1993.49	Your Price \$1815.49
HF-FUWPUW-G-0656	656 Foot.....	Reg. \$2333.49	Your Price \$2125.49
HF-FUWPUW-G-1000	1000 Foot.....	Reg. \$3083.95	Your Price \$2808.49



- Assembled with Premium, Extra-Flexible Gepco HDC920 9.2mm Harsh Environment Outside Broadcast SMPTE Cable & LEMO Connectors
- Industry Standard SMPTE Hybrid Fiber Optic Cables with Stainless Steel Connectors & Overboot Dust Caps
- Terminations by LEMO Certified Technicians
- Electrical Assemblies 100% Tested for Continuity and Shorts
- Fiber Optic Assemblies 100% Tested for Attenuation and Back Reflection
- SMPTE 311M and 304M compliant
- 19.4 Mbps to 3 Gbps Transport
- Machine Polished Fiber Contacts
- Low Insertion and Return Loss
- Complete Diagnostic & Test Evaluation Documentation of Your Cable Assembly Available Upon Request

Contact us for All Your Custom Gepco Needs!



LEMO SMPTE HYBRID

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 $\leq 55\text{dB RL}$ with test results (diagnostics) supplied with each cable. Built by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available. Custom lengths & configurations always available!

Furukawa LEMO 3K SMPTE Hybrid Fiber Outside Broadcast Cables by Complex

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. Rugged, high durability construction. Ultra-high abrasion resistance. Superior load bearing & tensile



HF-FUWPUW-M-0025	25'	Reg. \$949.49	Your Price \$864.95
HF-FUWPUW-M-0050	50'	Reg. \$996.49	Your Price \$907.49
HF-FUWPUW-M-0075	75'	Reg. \$1042.95	Your Price \$949.95
HF-FUWPUW-M-0100	100'	Reg. \$1089.49	Your Price \$992.49
HF-FUWPUW-M-0164	164'	Reg. \$1208.95	Your Price \$1100.95
HF-FUWPUW-M-0250	250'	Reg. \$1364.95	Your Price \$1243.49
HF-FUWPUW-M-0328	328'	Reg. \$1514.95	Your Price \$1379.49
HF-FUWPUW-M-0500	500'	Reg. \$1835.49	Your Price \$1671.49
HF-FUWPUW-M-1000	1000'	Reg. \$2767.95	Your Price \$2520.95
HF-FUWPUW-M-1500	1500'	Reg. \$3698.95	Your Price \$3368.49



CAMPLEX
FURUKAWA



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

Belden LEMO 3K SMPTE Hybrid Fiber Flexible Studio Cables by Complex

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. 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'	Reg. \$937.95	Your Price \$853.95
HF-FUWPUW-S-0050	50'	Reg. \$980.49	Your Price \$892.95
HF-FUWPUW-S-0075	75'	Reg. \$1022.49	Your Price \$930.95
HF-FUWPUW-S-0100	100'	Reg. \$1063.49	Your Price \$968.95
HF-FUWPUW-S-0164	164'	Reg. \$1171.49	Your Price \$1066.95
HF-FUWPUW-S-0250	250'	Reg. \$1315.49	Your Price \$1197.95
HF-FUWPUW-S-0328	328'	Reg. \$1446.95	Your Price \$1317.49
HF-FUWPUW-S-0500	500'	Reg. \$1735.49	Your Price \$1580.49



CAMPLEX
BELDEN

All LEMO 3K.93C SMPTE 311M HDTV hybrid camera cables can also be terminated with the following connectors. Visit our website for a complete listing of our full SMPTE hybrid camera cable line.



Complex Bend Insensitive Low Profile SMPTE Fiber Camera Cables

Lightweight, flexible, and rugged Complex Mini 7.8mm SMPTE 311 camera cable features 16AWG robust power conductors for high performance in portable applications. Ideal for portable deployments for truck and camera connections when facing weight and space constraints, these assemblies are much smaller and lighter than traditional 9.2mm steel strength member cables.

Model	Length	Your Price
HF-FUWPUW-7-0006	6 Foot	\$839.49
HF-FUWPUW-7-0010	10 Foot	\$848.95
HF-FUWPUW-7-0015	15 Foot	\$858.49
HF-FUWPUW-7-0025	25 Foot	\$882.49
HF-FUWPUW-7-0050	50 Foot	\$941.49
HF-FUWPUW-7-0075	75 Foot	\$1000.95
HF-FUWPUW-7-0100	100 Foot	\$1060.49

CAMPLEX
Brand Fiber Gear



Contact us for All Your Custom SMPTE Hybrid Fiber Needs!

Complex 2 Channel ST/2 Channel LC Singlemode Fiber & 3 Channel XLR Audio ENG Tactical Hybrid Reel

The Industry's Only Single ENG Fiber/Audio Hybrid Camera Snake Reel Solution!

Provides 2-Channels of fiber optic singlemode ST and 2-Channels of singlemode LC connections for camera send and receive in addition to three (3) balanced XLR lines for audio and intercom. Designed for the demanding use of ENG deployment and ideal for any camera utilizing a portable SDI over fiber field transmission system with fiber connectors.

- 2 ST & 2 LC Singlemode Fiber Channels • Balanced XLR Audio Channels
- Designed for ENG Outside Broadcast & Live Events
- Complex ENG Prespooled Tactical Fiber Snake
- Lightweight & Rugged Metal Hannay Reel with 3-position Cam-Lock Brake



Model	Length (ft.)	Price
HF-ENG4STLC-0250	250	\$1694.95
HF-ENG4STLC-0500	500	\$2374.95
HF-ENG4STLC-0750	750	\$2551.95



Complex 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

PROTAC

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
Example: CMX-TR08ST-1500		1750
8-Channel ST Snake Reel 1500 Foot		2000



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	\$399.95	\$539.95	\$1099.95	\$1149.95	\$1329.95	\$1499.95	\$1644.95	\$1799.95
4	\$506.95	\$799.95	\$1323.95	\$1445.95	\$1765.95	\$1983.95	\$2233.95	\$2399.95
8	\$749.95	\$1359.49	\$1749.95	\$2179.95	\$2349.95	\$2899.95	\$3229.95	\$3339.95
12	\$829.95	\$1599.95	\$1899.95	\$2299.95	\$2579.95	\$2999.95	\$3379.95	\$3550.49

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.

PROTAC

4-Channel ProTac Reels

HF-TRP04LC-0500	500 Foot, 4-Channel LC.....	Reg. \$1333.95	Your Price \$1267.95
HF-TRP04LC-1000	1,000 Foot, 4-Channel LC.....	Reg. \$1740.95	Your Price \$1653.95
HF-TRP04ST-0500	500 Foot, 4-Channel ST.....	Reg. \$1341.95	Your Price \$1274.95
HF-TRP04ST-1000	1,000 Foot, 4-Channel ST.....	Reg. \$1740.95	Your Price \$1653.95

12-Channel ProTac Reels

HF-TRP12LC-0500	500 Foot, 12-Channel LC.....	Reg. \$2374.95	Your Price \$2255.95
HF-TRP12LC-1000	1,000 Foot, 12-Channel LC.....	Reg. \$4330.95	Your Price \$4113.95
HF-TRP12ST-0500	500 Foot, 12-Channel ST.....	Reg. \$2375.95	Your Price \$2256.95
HF-TRP12ST-1000	1,000 Foot, 12-Channel ST.....	Reg. \$4331.95	Your Price \$4114.95



Heavy Duty Crush Resistant Tube with Pulling Eye



CAMPLEX® Complex Simplex Singlemode 24-Channel Fiber Optic Tactical Cables

- 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.
- Cables are complete end-to-end tactical grade where fanout channels are covered with tactical grade polyurethane furcation tubing.



24 Channel Tactical!



24 Channel Snakes

25' • HF-TS24**-0025	\$498.49
50' • HF-TS24**-0050	\$574.49
100' • HF-TS24**-0100	\$726.49
250' • HF-TS24**-0250	\$1446.95
500' • HF-TS24**-0500	\$3519.39
750' • HF-TS24**-0750	\$4709.44
1000' • HF-TS24**-1000	\$5716.40

** ST, LC & SC Models

Complex Singlemode 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	\$531.95	\$672.95	\$871.95	\$1350.95	\$1510.95	\$1592.95	\$1770.95	\$2877.95
4	\$640.95	\$853.95	\$1488.95	\$1764.95	\$1944.95	\$2220.95	\$2497.95	\$3012.95
8	\$863.95	\$1737.95	\$2251.95	\$2669.95	\$3202.95	\$3717.95	\$4231.95	\$4439.95
12	\$1203.95	\$2205.95	\$2929.95	\$3557.95	\$4299.95	\$5023.95	\$5747.95	\$5883.95

CAMPLEX® Part Number Ordering Guide

Example: HF-TR08ST-1500
8-Channel ST Snake Reel 1500 Foot
*Inquire about opticalCON, TFOCA & Other Connectors

Channels	Connectors	Length (Ft)
TR02	ST	0250 1250
TR04	LC	0500 1500
TR08		0750 1750
TR12		1000 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	\$556.95	\$827.95	\$897.95	\$1728.95	\$1983.95	\$2217.95	\$2547.95	\$2877.95
4	\$723.95	\$1155.95	\$1942.95	\$2371.95	\$2516.95	\$2956.95	\$3577.95	\$4017.95
8	\$1437.95	\$2707.95	\$3737.95	\$4745.95	\$5748.95	\$6779.95	\$7809.95	\$8839.95
12	\$1944.95	\$2741.95	\$3771.95	\$4779.95	\$5782.95	\$6812.95	\$7843.95	\$8714.95v

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)
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	\$741.95	\$1390.95	\$1942.95	\$2853.95	\$2644.95	\$2956.95	\$3396.95	\$3836.95
4	\$1028.95	\$1761.95	\$2424.95	\$3344.95	\$3976.95	\$4742.95	\$5438.95	\$6122.95
8	\$1394.95	\$3239.95	\$4206.95	\$5371.95	\$6529.95	\$7716.95	\$8902.95	\$10089.95
12	\$1850.95	\$3057.95	\$4244.95	\$5408.95	\$6567.95	\$7754.95	\$8941.95	\$9968.95

CAMPLEX® Part Number Ordering Guide

Example: HF-TR04STM3-1500
1500 Foot 4-Channel ST Multi Mode OM3 Snake Reel

Channels	Connectors	Length (Ft)
TR02 TR08	ST	0250
TR04 TR12	LC	2000



Cable Reel Included!



Cable Reel Included!



Cable Reel Included!

Complex 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, Complex 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.



Model		Your Price
HF-SM-ASCF-STM	APC SC-F to UPC ST-M	\$28.95
HF-SM-ASCF-SCM	APC SC-F to UPC SC-M	\$29.95
HF-SM-ASCF-LCM	APC SC-F to UPC LC-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

CAMPLEX Complex Multimode LC Fiber Optic Splitter Cables

A Complex exclusive 1x3 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. 1x3 splitters provide 100-33/33/33 split. Multimode splitters are designed to operate with 850nm and/or 1300nm.



CMX-MM1X3LC-001

FEATURES:

- Multimode fused optical splitter
- LC fiber assemblies split 1 signal into 2 or 3 signals
- 1x3 offer 100 to 33/33/33 split
- 1x2 offer 100 to 50/50 split
- Splits optical signal for routing to multiple devices
- Operate with 850nm and/or 1300nm
- Can be used with Neutrik NZPFD-2

1x2 Splitter Cables

CMX-MM1X2LC-001	1 Foot.....	Your Price \$223.95
CMX-MM1X2LC-002	2 Foot.....	Your Price \$223.95
CMX-MM1X2LC-003	3 Foot.....	Your Price \$223.95
CMX-MM1X2LC-006	6 Foot.....	Your Price \$223.95

1x3 Splitter Cables

CMX-MM1X3LC-001	1 Foot.....	Your Price \$277.95
CMX-MM1X3LC-002	2 Foot.....	Your Price \$277.95
CMX-MM1X3LC-003	3 Foot.....	Your Price \$277.95

Complex 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, Complex 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.



1 Foot Singlemode Adapter Cables

HF-SM-STF-LCM	ST Female to LC Male.....	Your Price \$27.95
HF-SM-STF-SCM	ST Female to SC Male	Your Price \$27.95
HF-SM-LCF-SCM	LC Female to SC Male	Your Price \$28.95
HF-SM-LCF-STM	LC Female to ST Male.....	Your Price \$27.95
HF-SM-SCF-LCM	SC Female to LC Male.....	Your Price \$27.95
HF-SM-SCF-STM	SC Female to ST Male	Your Price \$27.95

1 Foot OM1 Multimode Adapter Cables

HF-M1-STF-LCM	ST Female to LC Male.....	Your Price \$27.95
HF-M1-STF-SCM	ST Female to SC Male	Your Price \$37.95
HF-M1-LCF-SCM	LC Female to SC Male	Your Price \$27.95
HF-M1-LCF-STM	LC Female to ST Male.....	Your Price \$27.95
HF-M1-SCF-LCM	SC Female to LC Male	Your Price \$26.95
HF-M1-SCF-STM	SC Female to ST Male	Your Price \$26.95

1 Foot OM3 Multimode Adapter Cables

HF-M3-LCF-SCM	LC Female to SC Male	Your Price \$27.95
HF-M3-LCF-STM	LC Female to ST Male.....	Your Price \$27.95
HF-M3-STF-LCM	ST Female to LC Male.....	Your Price \$27.95
HF-M3-STF-SCM	ST Female to SC Male	Your Price \$26.95
HF-M3-SCF-LCM	SC Female to LC Male.....	Your Price \$25.95
HF-M3-SCF-STM	SC Female to ST Male	Your Price \$25.95

Complex Singlemode LC Fiber Optic Splitter Cables

A Complex exclusive 1x3 fiber optic passive splitter. Singlemode 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. 1x3 splitters provide 100-33/33/33 split. Designed to operate with 1310nm and/or 1550nm bands. Note: These assemblies are not for combining optical signals, however, they can be used as alternate inputs when accounting for optical budget losses.

FEATURES:

- Singlemode fused optical splitter
- LC fiber assemblies split 1 signal into 2 or 3 signals
- 1x3 offer 100 to 33/33/33 split
- 1x2 offer 100 to 50/50 split
- Splits optical signal for routing to multiple devices
- Operates with 1310nm and/or 1550nm bands
- Can be used with Neutrik NZPFD-2

1x2 Splitter Cables

CMX-SM1X2LC-001	1 Foot.....	Your Price \$235.95
CMX-SM1X2LC-002	2 Foot.....	Your Price \$235.95
CMX-SM1X2LC-003	3 Foot.....	Your Price \$235.95
CMX-SM1X2LC-006	6 Foot.....	Your Price \$235.95

1x3 Splitter Cables

CMX-SM1X3LC-001	1 Foot.....	Your Price \$291.95
CMX-SM1X3LC-002	2 Foot.....	Your Price \$291.95
CMX-SM1X3LC-003	3 Foot.....	Your Price \$291.95

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)



HF-SM-LCF-SCM



HF-SM-STF-SCM



HF-M1-STF-SCM

HF-M3-SCF-LCM



CMX-SM1X2LC-001



CMX-MM1X3LC-001



CAMPLEX® 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. Custom lengths & configurations always available.

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

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$286.95	\$484.95	\$682.95	\$880.95	\$1078.95	\$1276.95	\$1473.95	\$1671.95
4	\$383.95	\$659.95	\$936.95	\$1212.95	\$1488.95	\$1764.95	\$2040.95	\$2317.95
8	\$670.95	\$1184.95	\$1699.95	\$2213.95	\$2727.95	\$3242.95	\$3756.95	\$4270.95
12	\$929.95	\$1653.95	\$2377.95	\$3100.95	\$3824.95	\$4548.95	\$5272.95	\$5996.95

Quantity Discounts & Custom Configurations Available!



LET MARKERTEK CUSTOM BUILD ALL YOUR FIBER OPTIC CABLES TO YOUR EXACT SPECS!

CAMPLEX® Complex Single Channel Tactical Fiber Cables

These cables are designed for Military Tactical deployment applications and meets all outdoor tactical needs for broadcast applications requiring an outdoor rated crush and impact resistant design. The tough Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko ST and LC premium fiber connectors. All assemblies are machine polished and 100% interferometer tested to industry standards.

	Singlemode	Your Price	Multimode OM1	Your Price	Multimode OM3 (10-Gig)	Your Price
10'	HF-T1SM-**-0010	\$54.95	HF-T1M1-**-0010	\$45.95	HF-T1M3-**-0010	\$56.95
25'	HF-T1SM-**-0025	\$62.95	HF-T1M1-**-0025	\$56.95	HF-T1M3-**-0025	\$69.95
50'	HF-T1SM-**-0050	\$79.95	HF-T1M1-**-0050	\$77.95	HF-T1M3-**-0050	\$93.95
75'	HF-T1SM-**-0075	\$95.95	HF-T1M1-**-0075	\$98.95	HF-T1M3-**-0075	\$116.95
100'	HF-T1SM-**-0100	\$112.95	HF-T1M1-**-0100	\$119.95	HF-T1M3-**-0100	\$139.95
164'	HF-T1SM-**-0164	\$154.95	HF-T1M1-**-0164	\$183.95	HF-T1M3-**-0164	\$199.95
250'	HF-T1SM-**-0250	\$210.95	HF-T1M1-**-0250	\$255.95	HF-T1M3-**-0250	\$280.95
328'	HF-T1SM-**-0328	\$261.95	HF-T1M1-**-0328	\$318.95	HF-T1M3-**-0328	\$353.95
500'	HF-T1SM-**-0500	\$374.95	HF-T1M1-**-0500	\$464.95	HF-T1M3-**-0500	\$514.95
656'	HF-T1SM-**-0656	\$477.95	HF-T1M1-**-0656	\$594.95	HF-T1M3-**-0656	\$659.95
1000'	HF-T1SM-**-1000	\$703.95	HF-T1M1-**-1000	\$882.95	HF-T1M3-**-1000	\$981.95

**Add ST or LC Connector Choice



CAMPLEX® Complex Simplex Singlemode APC Fiber Optic Tactical Adapter Cables

Complex now offers APC standard cables as well as the convenience of APC to UPC fiber adapter cables both offered in a rugged Military Tactical deployment cable. Features the same tactical used in broadcast applications requiring an outdoor rated crush and impact resistant design. The tough Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko ST and LC premium fiber connectors. All assemblies are machine polished and 100% interferometer tested to industry standards. All products shipped with a complete set of test documentation.



Singlemode APC LC to APC LC

50'	HF-T1ALCALC-0050	Your Price \$80.95
100'	HF-T1ALCALC-0100	Your Price \$113.95
250'	HF-T1ALCALC-0250	Your Price \$211.95
500'	HF-T1ALCALC-0500	Your Price \$375.95

CAMPLEX® *Other Lengths Available - Please contact sales



Singlemode APC SC to APC SC

50'	HF-T1ASCASC-0050	Your Price \$80.95
100'	HF-T1ASCASC-0100	Your Price \$113.95
250'	HF-T1ASCASC-0250	Your Price \$211.95
500'	HF-T1ASCASC-0500	Your Price \$375.95

CAMPLEX® *Other Lengths Available - Please contact sales



Singlemode APC LC to UPC LC

50'	HF-T1ALCLC-0050	Your Price \$79.95
100'	HF-T1ALCLC-0100	Your Price \$112.95
250'	HF-T1ALCLC-0250	Your Price \$211.95
500'	HF-T1ALCLC-0500	Your Price \$375.95

CAMPLEX® *Other Lengths Available - Please contact sales

opticalCON X-Treme Cables

- Featuring Belden's Dual PUR jacket & rodent inhibitor layer, Extreme cables are manufactured to withstand the most extreme and harsh outdoor environments like touring / rental or outdoor broadcast
- opticalCON multimode fiber cables offer laser and bend optimized OM3 fibers
- Offering a cut-proof and rodent resistant double jacket glass yarn armored cable construction
- Dust and water resistant according to IP65 in mated condition



X-Treme Singlemode DUO Cable

- HF-OC2SX-0100 100' \$854.95
- HF-OC2SX-0250 250' \$1047.95
- HF-OC2SX-0500 500' \$1368.95

X-Treme Singlemode DUO Cable Reel

- HF-TROC2SX-0100 100' \$1043.95
- HF-TROC2SX-0250 250' \$1361.95
- HF-TROC2SX-0500 500' \$1741.95

X-Treme Multimode DUO Cable

- HF-OC2MX-0100 100' \$873.95
- HF-OC2MX-0250 250' \$1087.95
- HF-OC2MX-0500 500' \$1444.95

X-Treme Multimode DUO Cable Reel

- HF-TROC2MX-0100 100' \$1111.95
- HF-TROC2MX-0250 250' \$1460.95
- HF-TROC2MX-0500 500' \$1773.95

X-Treme Singlemode QUAD Cable

- HF-OC4SX-0100 100' \$985.95
- HF-OC4SX-0250 250' \$1194.95
- HF-OC4SX-0500 500' \$1542.95

X-Treme Singlemode QUAD w/Reel

- HF-TROC4SX-0100 100' \$1043.95
- HF-TROC4SX-0250 250' \$1666.95
- HF-TROC4SX-0500 500' \$2365.95

X-Treme Multimode QUAD Cable

- HF-OC4MX-0100 100' \$1000.95
- HF-OC4MX-0250 250' \$1232.95
- HF-OC4MX-0500 500' \$1619.95

X-Treme Multimode QUAD w/Reel

- HF-TROC4MX-0100 100' \$1193.95
- HF-TROC4MX-0250 250' \$1515.95
- HF-TROC4MX-0500 500' \$2040.95

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 • Your Price \$16.32
- SCNO-FDW-A • Metal • Your Price \$20.80

Clear Spring-Loaded Cover IP65 Rated

Spring-loaded cover 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 • Your Price \$12.35**

opticalCON Dust Caps

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 \$1.62
- SCDX-5 Green (indicates single-mode APC) Your Price \$1.57
- SCDX-6 Blue (indicates single-mode PC) Your Price \$1.57
- SCDX-9 White (e.g. wall outlet) Your Price \$1.57

opticalCON Color Coding Rings

Color coding ring for opticalCON cable and chassis connectors (SCNO-FDW-R) **NOR-* • Your Price \$3.26**

*Color coding: NOR-0 = black; NOR-1 = brown; NOR-2 = red; NOR-3 = orange; NOR-4 = yellow; NOR-5 = green; NOR-6 = blue; NOR-7 = violet; NOR-8 = gray; NOR-9 = White

opticalCON Sealing Gaskets

The SCDP sealing gasket provides a dust and water resistant assembly for all D-shape chassis connectors to front panels. **SCDP-* • Your Price \$2.70**

*Color coding: 0-BLACK; 2-RED; 4-YELLOW; 5-GREEN; 6-BLUE; 9-WHITE



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 \$83.49
- NO2-4FDW-1-A Black finish, 1 shell ground contact (SMPTE cable shield) \$92.08
- NO4FDW-A opticalCON Quad Chassis Connector \$76.71
- NO12FDW-A opticalCON MTP Chassis Connector \$149.33

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).



Fiber Mode	Multimode PC	Singlemode PC	Singlemode APC
Color Code	Black	Blue	Green
DUO #	NAO2M-H1W-A	NAO2S-H1W-A	NAO2SA-H1W-A
Your Price	\$318.56	\$353.45	\$364.31
QUAD #	NAO4MW-A		NAO4SAW-A
Your Price	\$375.32		\$449.24

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 • \$70.80

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 • \$123.66 NZPF3RU • 3RU • \$191.82

opticalCON Panel Frames

The blank NZPFD plates can be loaded with opticalCON DUO or QUAD chassis connectors as well as any D-Mount connector

- NZPFD • 1 Connector • \$16.10
- NZPFD-2 • 2 Connectors • \$35.73
- NZPFD-4ST • 1 opticalCON & 4 ST • \$48.69

opticalCON Pulling Socks

The pulling sock is available as single and split versions. Simplifies the installation at a pulling force > 100 kg. The advanced pulling solution offers an optimal protection for the cable connectors in harsh environment.

- FOPS-SINGLE For standard opticalCON Cable Assembly .. **Your Price \$45.43**
- FOPS-SPLIT For triple/power split Cable Assembly **Your Price \$55.99**

opticalCON Accessories



Complex

is your factory trained & certified Neutrik opticalCON fiber optic assembly shop serving the needs of broadcasters, integrators and dealers. Our state-of-the-art fiber lab can quickly fabricate assemblies, breakouts, panels, wall boxes and more. The Neutrik opticalCON Advanced fiber optic connector system is fast becoming a broadcast and pro-audio standard for an extremely robust hybrid and multichannel fiber optic connection.



NEUTRIK opticalCON DUO

The opticalCON system is based on LC-Duplex connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. Being compatible to conventional LC connectors the opticalCON DUO offers the

choice of using cost effective LC cables or the rugged opticalCON cable assembly for mobile applications. The opticalCON DUO is the ideal solution for equipment connections and system integration offering LC compatibility on chassis connector front and rear.

opticalCON DUO 2-Channel 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 \$774.95	HF-TROC2S-0100	\$1000.95
164'	HF-OC2S-0164 \$826.95	HF-TROC2S-0164	\$1052.95
250'	HF-OC2S-0250 \$895.95	HF-TROC2S-0250	\$1118.95
328'	HF-OC2S-0328 \$959.95	HF-TROC2S-0328	\$1179.95
500'	HF-OC2S-0500 \$1099.95	HF-TROC2S-0500	\$1309.95
656'	HF-OC2S-0656 \$1226.95	HF-TROC2S-0656	\$1527.95
1000'	HF-OC2S-1000 \$1505.95	HF-TROC2S-1000	\$1754.95

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.



HF-TROC2SMP-0100

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 \$1027.95	HF-TROC2SMP-0100	\$1261.95
164'	HF-OCSMPT-0164 \$1151.95	HF-TROC2SMP-0164	\$1393.95
250'	HF-OCSMPT-0250 \$1319.95	HF-TROC2SMP-0250	\$1740.95
328'	HF-OCSMPT-0328 \$1471.95	HF-TROC2SMP-0328	\$2160.95
500'	HF-OCSMPT-0500 \$1807.95	HF-TROC2SMP-0500	\$2616.95
656'	HF-OCSMPT-0656 \$2112.95	HF-TROC2SMP-0656	\$2726.95
1000'	HF-OCSMPT-1000 \$2783.95	HF-TROC2SMP-1000	\$3222.95



opticalCON to ST & LC Breakout Cables

Singlemode DUO to ST Breakout

HF-OC2S-ST-18IN 18".....\$396.95

Multimode DUO to ST Breakout

HF-OC2M-ST-06IN 6".....\$398.95

HF-OC2M-ST-12IN 12".....\$398.95

HF-OC2M-ST-18IN 18".....\$399.95

Singlemode QUAD to ST Breakout

HF-OC4S-ST-18IN 18".....\$431.95

Multimode QUAD to ST Breakout

HF-OC4M-ST-18IN 18".....\$450.95



NEUTRIK opticalCON QUAD

The opticalCON system is based on LC connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. The opticalCON QUAD is based on the proven opticalCON DUO connection system but with four channels it is optimized for Point-to-Point interconnections and multi-channel routing applications. The system copes with the increasing need for fiber optic channels.

opticalCON QUAD 4-Channel Singlemode 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 \$850.95	HF-TROC4S-0100	\$1077.95
164'	HF-OC4S-0164 \$917.95	HF-TROC4S-0164	\$1149.95
250'	HF-OC4S-0250 \$1034.92	HF-TROC4S-0250	\$1228.95
328'	HF-OC4S-0328 \$1088.95	HF-TROC4S-0328	\$1318.95
500'	HF-OC4S-0500 \$1268.95	HF-TROC4S-0500	\$1479.95
656'	HF-OC4S-0656 \$1431.95	HF-TROC4S-0656	\$1720.95
1000'	HF-OC4S-1000 \$1790.95	HF-TROC4S-1000	\$2015.95

opticalCON QUAD 4-Channel Multimode 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	
HF-OC4M-0100	100'.....\$922.95	HF-TROC4M-0100	100'....\$1105.95
HF-OC4M-0164	164'.....\$1013.95	HF-TROC4M-0164	164'....\$1199.95
HF-OC4M-0250	250'.....\$1135.95	HF-TROC4M-0250	250'....\$1301.95
HF-OC4M-0328	328'.....\$1246.95	HF-TROC4M-0328	328'....\$1402.95
HF-OC4M-0500	500'.....\$1490.95	HF-TROC4M-0500	500'....\$1627.95
HF-OC4M-0656	656'.....\$1711.95	HF-TROC4M-0656	656'....\$1908.95
HF-OC4M-1000	1000'.....\$2200.95	HF-TROC4M-1000	1000'..\$2296.95

opticalCON DUO Multimode Tactical Cables

Multimode DUO Tactical assemblies are extra rugged. Tactical cable has 2 multi-mode fibers, and aramid yarn as cable retention and strength member. The opticalCON DUO cable connector uses a standard optical LC-Duplex connector in a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn.

opticalCON DUO Multimode Cables		opticalCON DUO MM Cable with Tac Reel	
100'	HF-OC2M-0100 \$799.95	HF-TROC2M-0100	\$1006.95
164'	HF-OC2M-0164 \$864.95	HF-TROC2M-0164	\$1071.95
250'	HF-OC2M-0250 \$951.95	HF-TROC2M-0250	\$1152.95
328'	HF-OC2M-0328 \$1031.95	HF-TROC2M-0328	\$1229.95
500'	HF-OC2M-0500 \$1206.95	HF-TROC2M-0500	\$1397.95
656'	HF-OC2M-0656 \$1364.95	HF-TROC2M-0656	\$1767.95
1000'	HF-OC2M-1000 \$1714.95	HF-TROC2M-1000	\$2124.95

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 is a fantastic value for a super high capacity steel cable reel that is specially designed for multi-channel tactical fiber optic cables, SMPTE fiber optic camera cables, audio snake cables and similar cable assemblies. 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. The main cable drum is specially engineered to protect the bend radius of fiber optic cables. A special drum divider plate protects connectors and fan-outs separating them from the main cable run during storage and roll-out.

- FEATURES:**
- Capacity for 5mm O.D. Cable: 4500'
 - Capacity for 7mm O.D. Cable: 2500'
 - Capacity for 9.5mm O.D. Cable: 1100'
 - 21.187"H x 21.75"W x 17.875"D
 - Cable Drum Overall: 17.625"W

JACKREEL-XL1 **Your Price \$355.00**



3 Position Brake Lock



Split Drum for Easy Pigtail Storage



BEST SELLER

JackReel-3 High Capacity Cable Reel

Super Low Cost with Lots of Capacity!

JACKREEL-3 is a cost effective, high performance steel frame cable reel with high impact thermo-plastic core that is perfect for many professional uses. Use it for audio and video cables, IT & data cables, industrial control cables, medical imaging cables & power cables. The high impact construction and the easy reel core saves time and money when deploying cables in a wide range of applications. JACKREEL-3 features an ergonomic cushion grip carry handle as well as an outer hub for cable fanouts. Center Hub: 4.75" Diameter. 15"H x 10.75"W.

JACKREEL-3 **\$44.95**



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.

JACKREEL-F4 **\$59.95**

JACKREEL-F4-MP1 **\$18.95**

Metal hub center plate for connector mounting



JackReel Cable O.D. Capacities

- 0.200: 400 Feet
- 0.750: 30 Feet



AVF-18CH • Shown with casters & handle



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.
- Non-reflective black matte finish is standard. • Crank handle permanently attached to disc.
- 3-Position Cam-Lock Drag Brake System (Locked, Tension, Free)

HY-AVF-14	Holds 350 Ft. SMPTE, 600 Ft. Tac-12, 9.5 Lbs.	Your Price \$315.00
HY-AVF-18	Stackable, Holds 1000 Ft. SMPTE, 31 Lbs.	Your Price \$549.00
HY-AVF-18C	Model AVF-18 with Casters	Your Price \$580.50
HY-AVF-18CH	Model AVF-18 with Casters & Handle	Your Price \$625.50

SpoolMaster Cable/Wire Measuring and 16" Coiling System

Improve accuracy and efficiency with measuring and coiling systems from SpoolMaster. Spoolmaster measurers and coilers feature height adjustable bases with telescoping uprights.

- Wire Measuring and Coiling System with Heavy-duty welded steel base
- Locking swivel casters
- Digital counter adds or subtracts
- Measures flexible materials from 1/64" - 7/8" diameter
- Swiveling roller guide and integrated wire cutter
- Collapsible take-up reel • (Forms a 16" I.D. coil) • 32" L x 28"W x 48" H

SPMA-WMC16 **\$1699.00**



SpoolMaster CR-16 Collapsible Take Up Reel With Stand

The SMP-CR-16 coiler makes it fast and easy to create 15" inside diameter wire coils, while the collapsible take-up reel conveniently offloads the material to the front of the coiler. The SMP-CR-12 collapsible coiler offers the same function with a smaller 12" diameter coil.

- Collapsible Take-up Reel with Floor Stand
- Heavy-duty welded steel base
- Collapsible take-up reel (Forms a 16" I.D. coil)
- Adjustable reel height • Powder coated finish
- 28" L x 28"W x 44" H • 72 Lbs.

SPMA-CR16 **\$789.00**



Hannay All-Metal Fiber Optic Reels

Hub & Drum Accept Existing SMPTE Cables Without Connector Re-Termination!



BITTREE PATCHING



Bittree offers a complete line of patching products, including audio, video, data and integrated patching systems.

To ensure the consistency, quality and responsiveness you need, all of their patching products are designed, manufactured, tested and warehoused in their Glendale, California plant, right in the heart of the entertainment industry.

Bittree 12GHz 4K/8K Mini-WECO Mid-Size Video Patchbays



- 24 GHz high-bandwidth performance for SD/SDI, HD/SDI, UHD/SDI, 4K, 8K, and HDR applications • Single link compatible • RoHS Compliant
- SMPTE 292M, 424M, 2081-1, and 2082-1 compliant
- True 75 ohm impedance with low return loss • Life Cycle Rating: 30,000 cycles
- 3/16" machined aluminum panel with a durable powder-coat finish
- Rear-mounted jack modules
- Precision machined phenolic insulator electrically and mechanically separates jacks from the front panel
- 2 x DS870-10 Designation Strips: Stainless-steel sliders with white styrene and non-glare Lexan inserts
- Staggered BNC Rear Interface • Normalizing and termination can be achieved through the use of looping and termination plugs

Your Price

BIT-S64T-1MWNBK	64-Point 12GHz 4K/8K Patchbay - 2x32 2RU	\$1349.00
BIT-S64H-1MWNBK	64-Point 12GHz 4K/8K Patchbay - 2x32 1.5RU	\$1349.00
BIT-S64S-1MWNBK	64-Point 12GHz 4K/8K Patchbay - 2x32 1RU	\$1349.00
BIT-S32S-1MWNBK	32-Point 12GHz 4K/8K Patchbay - 1x32 1RU	\$758.00
BIT-S96T-1MWNBK	96-Point 12GHz 4K/8K Patchbay - 3x32 2RU	\$2098.00

Jackfield Mini-WECO Essentials

BIT-LPMK7502	12GHz 75-Ohm Video Patchbay Looping Plugs - Red	\$29.40
BIT-LPMK7505	12GHz 75-Ohm Video Patchbay Looping Plugs - Green	\$29.40
BIT-MWTPK75	12GHz Midsize 75-ohm Termination Plug	\$18.00

Bittree 12GHz 4K/8K Single-Link BNC Coaxial Bulkhead Patch Panels

- 20 GHz high-bandwidth performance for SD/SDI, HD/SDI, 3 Gb/s, 3D, UHD, 4k, and 8K applications
- SMPTE 292M, 424M, 2081-1, and 2082-1 compliant • 75 ohm impedance with low return loss
- 500 Mating cycles
- Operating temperature: -35 to +165°C • IP64 (mated)
- 1/16" (0.062 in. / 1.57 mm) folded aluminum panel with a durable black powder-coat finish • Front & Rear BNC feed-thru Connectors • Two 3" (7.62 cm) deep lacing bars for cable dressing
- Alternative 6" (15.24 cm) deep lacing bars available
- Silk screened circuit numbering on both the front and back



Your Price

BIT-BH-B132A0B12	High Density Patch Panel - 1x32 1RU	\$466.00
BIT-BH-B116A1B12	Patch Panel with Designation Strip - 1x16 1RU	\$290.00
BIT-BH-B124A1B12	Patch Panel with Designation Strip - 1x24 1RU	\$381.00
BIT-BH-B216A2B12	Patch Panel with Designation Strip - 2x16 2RU	\$507.00
BIT-BH-B224A2B12	Patch Panel with Designation Strip - 2x24 2RU	\$381.00

PRODUCTION ESSENTIALS



Bittree M20U12L 2x24 Mono Spaced Long Frame Patchbay with 2 Designation Strips

NEW!



- Spacious 2x24 jack configuration with mono (even) jack spacing
- Selectable normalizing and grounding: Circuits can be easily changed via shunts under both designation strips
- Digital AES wire used for internal wiring
- 2 x designation strip assemblies, "Over/Under" orientation
- Mating hardware included with E3, E90, and ID (Punchdown) rear interfaces
- 6" (15.24 cm) deep rear lacing bar included with E3 and ID (Punchdown) rear interfaces: Alternative 3" (7.62 cm) deep lacing bar available

B48DC-FNPBH-E3M2 • 1.5RU	\$878.00
B48DC-NNPIT-E3M2 • 2RU	\$878.00

Bittree 12G+ 2x48 1RU Coaxial Bulkhead Patch Panels

NEW!



- This unit features a 20 GHz high-bandwidth performance for SD/SDI, HD/SDI, 3 Gb/s, 3D, UHD, 4k, and 8K applications.
- 1/16" (0.062 in. / 1.57 mm) folded aluminum with a durable black powder-coat finish
- Silk screened circuit numbering on both the front and back with optional designation strip available for the front
- Two 3" (7.62 cm) deep lacing bars for cable dressing (both are removable)
- Alternative 6" (15.24 cm) deep lacing bars available

BIT-BH-248A2B12M • Micro BNC connectors	\$798.00
BIT-BHB248A2B12D • DIN 1.0/2.3 connectors	\$798.00

Connectronics 5-Channel Cable Ramp Crossover & Cable Protector



- 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
- Length Less Linking Connectors: 35.25"

\$119⁹⁹

- Cable Channels (x5): 35" L x 1.5" W x 1.25" H

CRSX-2 • Your Price \$119.99

NCEO NATIONAL CENTER FOR EMPLOYEE OWNERSHIP



Meet John!
Editorial Director
since 2004

GANARE[®] **L-4E6S**

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.

Available in 10 beautiful matte finish color jackets!



by **SESCOM**[®]



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.

Sescom XLR Male to Female

Part#	Length	1-4	5+
SC1.5XXJ	1.5'	\$16.95	\$0.00
SC3XXJ	3'	\$16.95	\$0.00
SC6XXJ	6'	\$18.95	\$0.00
SC10XXJ	10'	\$21.95	\$0.00
SC15XXJ	15'	\$22.95	\$0.00
SC25XXJ	25'	\$28.95	\$0.00
SC50XXJ	50'	\$43.95	\$0.00
SC75XXJ	75'	\$58.95	\$0.00
SC100XXJ	100'	\$70.95	\$0.00

Sescom XLR Female to Balanced (TRS) 1/4" Phone Male

Part#	Length	1-4	5+
SC1.5XJSZ	1.5'	\$14.95	\$0.00
SC3XJSZ	3'	\$15.95	\$0.00
SC6XJSZ	6'	\$17.95	\$0.00
SC10XJSZ	10'	\$19.95	\$0.00
SC15XJSZ	15'	\$21.95	\$0.00
SC25XJSZ	25'	\$27.95	\$0.00
SC50XJSZ	50'	\$49.95	\$0.00

Sescom XLR Male to 3.5mm Female

Part#	Length	1-4	5+
SC1.5XMJ	1.5'	\$12.95	\$0.00
SC3XMJ	3'	\$13.95	\$0.00
SC6XMJ	6'	\$15.95	\$0.00
SC10XMJ	10'	\$18.95	\$0.00
SC15XMJ	15'	\$19.95	\$0.00
SC25XMJ	25'	\$25.95	\$0.00
SC50XMJ	50'	\$47.95	\$0.00
SC100XMJ	100'	\$68.95	\$0.00

Sescom RCA Male to Male

Part#	Length	1-4	5+
SC1.5RR	1.5'	\$12.95	\$0.00
SC3RR	3'	\$13.95	\$0.00
SC6RR	6'	\$15.95	\$0.00
SC10RR	10'	\$18.95	\$0.00
SC15RR	15'	\$19.95	\$0.00
SC25RR	25'	\$25.95	\$0.00
SC50RR	50'	\$40.95	\$0.00

Sescom 1/4" Male to Male

Part#	Length	1-4	5+
SC1.5SS	1.5'	\$12.95	\$0.00
SC3SS	3'	\$13.95	\$0.00
SC6SS	6'	\$15.95	\$0.00
SC10SS	10'	\$18.95	\$0.00
SC15SS	15'	\$19.95	\$0.00
SC25SS	25'	\$25.95	\$0.00
SC50SS	50'	\$40.95	\$0.00
SC100SS	100'	\$74.95	\$0.00

Sescom XLR Male to RCA Male

Part#	Length	1-4	5+
SC1.5XR	1.5'	\$14.95	\$0.00
SC3XR	3'	\$14.95	\$0.00
SC6XR	6'	\$16.95	\$0.00
SC10XR	10'	\$19.95	\$0.00
SC15XR	15'	\$21.95	\$0.00
SC25XR	25'	\$27.95	\$0.00
SC50XR	50'	\$42.95	\$0.00
SC100XR	100'	\$75.95	\$0.00

Sescom XLR Female to 1/4" Female

Part#	Length	1-4	5+
SC1.5XJSJ	1.5'	\$14.95	\$0.00
SC3XJSJ	3'	\$15.95	\$0.00
SC6XJSJ	6'	\$17.95	\$0.00
SC10XJSJ	10'	\$19.95	\$0.00
SC15XJSJ	15'	\$21.95	\$0.00
SC25XJSJ	25'	\$27.95	\$0.00
SC50XJSJ	50'	\$49.95	\$0.00

Sescom 1/4" Male to Male Balanced (TRS) Both Ends

Part#	Length	1-4	5+
SC1.5SZSZ	1.5'	\$12.95	\$0.00
SC3SZSZ	3'	\$13.95	\$0.00
SC6SZSZ	6'	\$15.95	\$0.00
SC10SZSZ	10'	\$18.95	\$0.00
SC15SZSZ	15'	\$19.95	\$0.00
SC25SZSZ	25'	\$25.95	\$0.00
SC50SZSZ	50'	\$40.95	\$0.00

Sescom XLR Male to Balanced (TRS) 1/4" Phone Male

Part#	Length	1-4	5+
SC1.5XSZ	1.5'	\$14.95	\$0.00
SC3XSZ	3'	\$14.95	\$0.00
SC6XSZ	6'	\$16.95	\$0.00
SC10XSZ	10'	\$19.95	\$0.00
SC15XSZ	15'	\$21.95	\$0.00
SC25XSZ	25'	\$27.95	\$0.00
SC50XSZ	50'	\$48.95	\$0.00
SC100XSZ	100'	\$75.95	\$0.00



LAIRD PATCH PANELS

PRODUCTION ESSENTIALS



LAIRD[®]
DIGITAL CINEMA

**Laird 4K/8K 12G-SDI Feed Through
UHD BNC Patch Panel Series**



NEUTRIK[®]

Built with Neutrik 75 Ohm 4K/8K UHD D-Style chassis mount BNC connectors. The connector's optimized insulator design achieves the best available headroom to deliver additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption. Connectors are studio-standard recessed to keep cables well protected in a Neutrik's standard D-shape housing. The machined brass connector body provides an extremely rugged and non-abrasive connection for long term use. 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!

- Corrosion Resistant • Designed for 4K/8K UHD, 12G-SDI Equipment Patching
- RearTWIST Neutrik BNC Connectors Provide Increased Headroom
- SMPTE ST 2082-1, ST 2081-1, ST424, ST292 Compliant

8XUHD-BNCR • 8 Point x 1RU.....	Reg. \$155.00	Your Price \$147.00
16XUHD-BNCR • 16 Point x 2RU.....	Reg. \$285.00	Your Price \$269.00
16X1UHD-BNCR • 16 Point x 1RU.....	Reg. \$275.00	Your Price \$261.00
32XUHD-BNCR • 32 Point x 2RU.....	Reg. \$470.00	Your Price \$448.00

LAIRD[®]
DIGITAL CINEMA

**Laird 4K 12G-SDI Feed Through
Recessed BNC Patch Panel Series**



CANARE[®]

The Laird Recessed panels are built with Canare 75 Ohm 12G-SDI chassis mount BNC female to female barrels to keep your signals flowing smoothly and patched properly to support SMPTE ST 2082-1 standards. Connectors are studio-standard with a machined brass connector body provides an extremely rugged and non-abrasive connection for long term use.

Utilizing feed-thru barrel connectors saves you time on installation versus traditional solder-back connections. Connectors are studio-standard recessed to keep cables well protected. The Laird Recessed panels assures your truck, ENG mobile rig or studio are future ready!

- Protective Recessed Design
- Corrosion Resistant
- 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
- Available in 1RU and 2RU Configurations

16XBNCR-CAN • 16 Point x 1RU.....	Reg. \$255.00	Your Price \$241.00
32XBNCR-CAN • 32 Point x 2RU.....	Reg. \$435.00	Your Price \$416.00

LAIRD[®]
DIGITAL CINEMA

**Laird 4K/8K 12G-SDI Feed Through
UHD BNC Barrel Patch Panel Series**



CANARE[®]

Positioned to bring your studio cable routing needs up to 12G-SDI/4K UHD standards, these Laird UHD panels are a simple and cost effective feed-through patch panels. Efficiently spaced to bring you 16 or 32 patch points housed in a 1RU or 2RU panel.

The Laird panel is built with Canare 75 Ohm 12G-SDI chassis mount BNC female to female barrel bulkhead connectors. Keep your signals flowing smoothly and patched properly to support SMPTE ST 2082-1 standards. Connectors are studio-standard with a machined brass connector body provides an extremely rugged and non-abrasive connection for long term use. Utilizing feed-thru barrel connectors saves you time on installation versus traditional solder-back connections. The Laird Barrel Patch Panels assure your truck, ENG mobile rig or studio are future ready!

- Corrosion Resistant
- Designed for 4K/8K UHD, 12G-SDI Equipment Patching
- Low Return Loss Canare 75 Ohm BNC Connectors
- SMPTE ST 2082-1, ST 2081-1, ST424, ST292 Compliant
- Available in 1RU and 2RU Configurations

16XB-UHD • 16 Point x 1RU.....	Reg. \$175.00	Your Price \$164.00
32XB-UHD • 32 Point x 2RU.....	Reg. \$280.00	Your Price \$265.00

Laird 12G-SDI 4K UHD Video Coax BNC Cable

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 & Ωmega; BNC Connectors • Flamed Retardant

12GSDI-B-B-003	3'	Reg. \$20.95	Your Price \$19.95
12GSDI-B-B-006	6'	Reg. \$23.95	Your Price \$22.95
12GSDI-B-B-010	10'	Reg. \$28.95	Your Price \$26.95
12GSDI-B-B-015	15'	Reg. \$33.95	Your Price \$31.95
12GSDI-B-B-025	25'	Reg. \$44.95	Your Price \$42.95
12GSDI-B-B-035	35'	Reg. \$55.95	Your Price \$53.95
12GSDI-B-B-050	50'	Reg. \$72.95	Your Price \$69.95
12GSDI-B-B-075	75'	Reg. \$101.95	Your Price \$96.95
12GSDI-B-B-100	100'	Reg. \$123.95	Your Price \$116.95
12GSDI-B-B-150	150'	Reg. \$176.95	Your Price \$168.95
12GSDI-B-B-175	175'	Reg. \$203.95	Your Price \$193.95
12GSDI-B-B-200	200'	Reg. \$230.95	Your Price \$219.95
12GSDI-B-B-225	225'	Reg. \$257.95	Your Price \$244.95
12GSDI-B-B-250	250'	Reg. \$285.95	Your Price \$270.95
12GSDI-B-B-300	300'	Reg. \$338.95	Your Price \$321.95
12GSDI-B-B-325	325'	Reg. \$365.95	Your Price \$346.95



Belden 4794R 12GHz RG7 Coax
 4K UHD Precision Cox • 75 Ohm • 16 AWG solid silver plated copper center conductor • New high-performance dielectric • Foil bonded to core • 95% tinned copper braid made on our Belden "super-braiders" to reduce high frequency spikes (the highest shield effectiveness ever made by Belden)

12G DISTANCE
 321FT

BELDEN
 SENDING ALL THE RIGHT SIGNALS

BL-4794R-1000BK 1000 Foot Roll, Black **Your Price \$1715.00**
 Use **BL-1794ABHD1 BNC Compression Connector**



Belden 4505R 12GHz 4K UHD 75 Ohm 20 AWG Precision Video Cable - 1000 Feet

12G-SDI cables guaranteed 15dB RL limit from 4.5 to 12 GHz for 8-11 dB headroom against SMPTE limit

- Inner foil bonded to the core on 12G-SDI cables for easier installation
- One-piece compression connectors simplify and speed installation
- Operating Temperature Range: -30°C To +75°C
- Bulk Cable Weight: 31 lbs/1000 ft.

12G DISTANCE
 208FT

• Max. Recommended Pulling Tension: 52 lbs.	• Min. Bend Radius/Minor Axis: 2.500 in.
BL-4505R-1000BK Black	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000LB Light Blue	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000MGN Military Green	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000OE Orange	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000RD Red	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000VT Violet	Reg. \$917.30 Your Price \$757.57
BL-4505R-FT-BK Black per Foot	Reg. \$0.92 Your Price \$0.89

NEW!



Canare L-5.5CUHD 12G-SDI 75 OHM Video Coax

Canare's L-5.5CUHD is a 75 OHM video Coax cable that can effectively transmit 12G-SDI signals over 100 meters. The outside diameter of the cable is the same as their existing L-5CFB and L-5CHD cables to ensure interoperability. Canare has also introduced a new BNC Connector the BCP-D55UHD to ensure minimal return loss while using these cables.

12G DISTANCE
 334FT

CANARE
 SENDING ALL THE RIGHT SIGNALS

L-5-5CUHD-FT Per Foot	Reg. \$2.29 Your Price \$1.99
L-5-5CUHD-328 328'	Reg. \$280.00 Your Price \$262.29
L-5-5CUHD-656 656'	Reg. \$560.00 Your Price \$519.49
L-5-5CUHD-984 984'	Reg. \$880.00 Your Price \$862.29

NEW!

Laird HDBNC4794-MM High Density HD-BNC Male to Standard BNC Male 12G HD-SDI Cable

HDBNC4794-MM01 1'	Reg. \$37.95 Your Price \$35.95
HDBNC4794-MM03 3'	Reg. \$40.95 Your Price \$38.95
HDBNC4794-MM06 6'	Reg. \$48.95 Your Price \$45.95

BULK 12G-SDI CABLE



Belden 4855R 12G-SDI 75 Ohm 4K UHD Mini Coax Video Cable - 1000 Feet



BELDEN
 SENDING ALL THE RIGHT SIGNALS

4K

12G DISTANCE
 149FT

- Sub-Miniature Coax 12 GHz
- 4K UHD Precision Video Cable
- 75 Ohm, 23 AWG solid .023" silver plated copper conductor
- Gas-injected foam HDPE insulation
- Duofoil bonded to the core + tinned copper braid shield (95% coverage)
- PVC jacket

BL-4855R-1000BK Black	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000LBE Light Blue	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000GN Military Green	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000OE Orange	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000RD Red	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000VT Violet	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000YW Yellow	Reg. \$877.70 Your Price \$724.86



Belden 4694R RG6 12GHz 4K UHD 75 Ohm 18 AWG Precision Video Cable - 1000 Foot



BELDEN
 SENDING ALL THE RIGHT SIGNALS

4K

12G DISTANCE
 258FT

Belden's 4694R cables are 12 GHz, 4K UHD Precision Video Cables. Their 12G-SDI coaxial solutions maximize 4K signal transmission distance on a single coax, minimizing weight and space compared to dual- or quad-link configurations.

- Operating Temperature Range: -30°C To +75°C
- Bulk Cable Weight: 41 lbs/1000 ft.
- Max. Recommended Pulling Tension: 69 lbs.
- Min. Bend Radius/Minor Axis: 2.750 in.

BL-4694R-1000BK Black	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000LB Light Blue	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000MGN Military Green	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000OE Orange	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000RD Red	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000VT Violet	Reg. \$1127.50 Your Price \$931.08
BL-4694R-FT-BK Black per Foot	Reg. \$1.13 Your Price \$1.09

Laird RTBNC-4855 12G-SDI 4K UHD rearTWIST UHD BNC

The Laird RTBNC-4855 Series assemblies with Neutrik's rearTWIST UHD BNC connectors and Belden 4855R RG59 cable are built for 12G-SDI/4K extended bandwidth applications. Optimized Transmission Distance for UHDTV up to 150 ft/45m.



RTBNC-4855-003 3'	Reg. \$22.95 Your Price \$20.95
RTBNC-4855-006 6'	Reg. \$25.95 Your Price \$24.95
RTBNC-4855-010 10'	Reg. \$30.95 Your Price \$29.95
RTBNC-4855-015 15'	Reg. \$36.95 Your Price \$34.95
RTBNC-4855-025 25'	Reg. \$48.95 Your Price \$46.95
RTBNC-4855-050 50'	Reg. \$79.95 Your Price \$75.95
RTBNC-4855-075 75'	Reg. \$110.95 Your Price \$105.95
RTBNC-4855-100 100'	Reg. \$141.95 Your Price \$134.95



12G-SDI BNC CABLES

PRODUCTION ESSENTIALS



Laird 4505R-B-B 12G-SDI/4K UHD Single Link BNC Cable

- 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 4505R 4K Ultra-High-Definition RG59 coaxial cable for 12G-SDI, these cables the simple choice when setting up your studio backbone and infrastructure.
- The 4505 Series is the 12G-SDI equivalent of Belden's famous 1505 cable.
- It features a silver plated copper center conductor and a cable diameter of less than 1/4" making it the ideal choice for low profile cable runs.



12G DISTANCE 208ft

* **Use color code:** BK - Black, LB - Light Blue, MG - Military Green, OE - Orange, Red - RD, VT - Violet,

4505R-B-B*-003	3'	Reg. \$19.95 Your Price \$18.95
4505R-B-B*-006	6'	Reg. \$22.95 Your Price \$21.95
4505R-B-B*-010	10'	Reg. \$27.95 Your Price \$26.95
4505R-B-B*-015	15'	Reg. \$32.95 Your Price \$30.95
4505R-B-B*-025	25'	Reg. \$43.95 Your Price \$41.95
4505R-B-B*-035	35'	Reg. \$54.95 Your Price \$51.95
4505R-B-B*-050	50'	Reg. \$70.95 Your Price \$67.95
4505R-B-B*-075	75'	Reg. \$98.95 Your Price \$93.95
4505R-B-B*-100	100'	Reg. \$119.95 Your Price \$113.95
4505R-B-B*-125	125'	Reg. \$146.95 Your Price \$138.95
4505R-B-B*-150	150'	Reg. \$172.95 Your Price \$163.95
4505R-B-B*-175	175'	Reg. \$198.95 Your Price \$188.95
4505R-B-B*-200	200'	Reg. \$224.95 Your Price \$213.95

Laird 4694R-B-B RG6 12G-SDI/4K UHD Single Link BNC Cable

- 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 4694R 4K Ultra-High-Definition RG6 coaxial cable for 12G-SDI, these cables the simple choice when setting up your studio backbone and infrastructure.
- The 4694R Series is the 12G-SDI equivalent of Belden's famous 1694A cable.
- It features a silver plated copper center conductor and is the ideal choice for installations in studios, stadiums and live event venues.



12G DISTANCE 258ft

UHD 4K8K

* **Use color code:** BK - Black, LB - Light Blue, MG - Military Green, OE - Orange, Red - RD, VT - Violet,

4694R-B-B*-003	3'	Reg. \$20.95 Your Price \$19.95
4694R-B-B*-010	10'	Reg. \$29.95 Your Price \$28.95
4694R-B-B*-015	15'	Reg. \$36.95 Your Price \$34.95
4694R-B-B*-025	25'	Reg. \$49.95 Your Price \$47.95
4694R-B-B*-035	35'	Reg. \$63.95 Your Price \$60.95
4694R-B-B*-050	50'	Reg. \$83.95 Your Price \$79.95
4694R-B-B*-075	75'	Reg. \$117.95 Your Price \$111.95
4694R-B-B*-100	100'	Reg. \$143.95 Your Price \$136.95
4694R-B-B*-125	125'	Reg. \$175.95 Your Price \$167.95
4694R-B-B*-150	150'	Reg. \$208.95 Your Price \$197.95
4694R-B-B*-175	175'	Reg. \$240.95 Your Price \$228.95
4694R-B-B*-200	200'	Reg. \$272.95 Your Price \$258.95
4694R-B-B*-225	225'	Reg. \$304.95 Your Price \$289.95
4694R-B-B*-250	250'	Reg. \$336.95 Your Price \$319.95

Laird 4855R 12G-SDI/4K UHD Single Link BNC Cables

- Provide the critical link between your switchers, cameras and other 4K video gear.
- 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



12G DISTANCE 149ft

* **Use color code:** BK - Black, BE - Blue, GN - Green, OE - Orange, VT - Violet, YW - Yellow

4855R-B-B*-003	3'	Reg. \$18.95 Your Price \$17.95
4855R-B-B*-006	6'	Reg. \$21.95 Your Price \$20.95
4855R-B-B*-010	10'	Reg. \$26.95 Your Price \$24.95
4855R-B-B*-015	15'	Reg. \$31.95 Your Price \$29.95
4855R-B-B*-025	25'	Reg. \$42.95 Your Price \$39.95
4855R-B-B*-035	35'	Reg. \$53.95 Your Price \$50.95
4855R-B-B*-050	50'	Reg. \$69.95 Your Price \$66.95
4855R-B-B*-075	75'	Reg. \$97.95 Your Price \$92.95
4855R-B-B*-100	100'	Reg. \$118.95 Your Price \$112.95
4855R-B-B*-150	150'	Reg. \$170.95 Your Price \$162.95

Laird 4794R 12G-SDI/4KUHD Single-Channel BNC to BNC Camera Cables

Laird introduces the gold standard next-gen BNC cable designed to handle long distance 12GHz 4K UHD signals.

- Durable 16AWG, Precision Coax
- Watertight, Locking, 1-Piece BNC Compression Connectors
- Superior Pull Strength for Secure Connections • Maximize broadcast signal integrity
- Meets SMPTE ST 2081 & ST 2082 Standards



12G DISTANCE 321ft

4794R-B-B-003	3'	Reg. \$26.95 Your Price \$24.95
4794R-B-B-006	6'	Reg. \$33.95 Your Price \$32.95
4794R-B-B-010	10'	Reg. \$44.95 Your Price \$42.95
4794R-B-B-015	15'	Reg. \$55.95 Your Price \$53.95
4794R-B-B-025	25'	Reg. \$81.95 Your Price \$77.95
4794R-B-B-035	35'	Reg. \$106.95 Your Price \$101.95
4794R-B-B-050	50'	Reg. \$144.95 Your Price \$137.95
4794R-B-B-075	75'	Reg. \$207.95 Your Price \$197.95
4794R-B-B-100	100'	Reg. \$256.95 Your Price \$244.95
4794R-B-B-150	150'	Reg. \$376.95 Your Price \$357.95
4794R-B-B-250	250'	Reg. \$616.95 Your Price \$585.95
4794R-B-B-300	300'	Reg. \$736.95 Your Price \$699.95

Laird High Density 12G-SDI HD-BNC Male to Male Cables

The Laird HDBNC4855 Series of low profile coax HD-BNC to BNC male adapter cables are designed for transmitting high resolution uncompressed 12G-SDI / 4K UHD video signals. Ideal for high density jackfields, routers and signal distribution systems where RF performance is critical.



HDBNC4855-MM01	1'	Reg. \$37.95 Your Price \$35.95
HDBNC4855-MM03	3'	Reg. \$38.95 Your Price \$36.95
HDBNC4855-MM06	6'	Reg. \$41.95 Your Price \$39.95
HDBNC4855-MM10	10'	Reg. \$46.95 Your Price \$44.95
HDBNC4855-MM15	15'	Reg. \$49.95 Your Price \$47.95
HDBNC4855-MM25	25'	Reg. \$60.95 Your Price \$57.95
HDBNC4855-MM50	50'	Reg. \$87.95 Your Price \$83.95

BULK CABLE / BNCs



Belden 1694A RG6 Precision Digital Video Coax SDI/HDTV Applications

19 AWG Stranded (7x27) .040" Bare Compacted Copper* • Double Tinned Copper Braid Shield • 0.274" O.D. • 75Ω nominal impedance



BL-1694A*	Per Foot.....	Your Price \$0.77
BL-1694A-500*	500 Foot Roll.....	Your Price \$353.26
BL-1694A-1000*	1000 Foot.....	Your Price \$469.00

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Belden 1505A RG59 Precision Digital Video Coax SDI/HDTV Applications

20 AWG solid 0.032" bare copper conductor, gas-injected foam HDPE insulation • Duofoil + tinned copper braid shield (95% coverage) • PVC jacket • 75Ω nominal impedance



BL-1505A*	Per Foot.....	Your Price \$0.63
BL-1505A-500*	500 Foot Roll.....	Your Price \$287.46
BL-1505A-1000*	1000 Foot.....	Your Price \$384.00

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Belden 1855A Sub-Miniature Precision Digital Video Coax SDI/HDTV Applications

23 AWG solid 0.023" bare copper conductor • Gas-injected foam HDPE insulation • Duofoil + tinned copper braid shield (95% coverage) • PVC jacket • 0.159" O.D. • 75Ω impedance



BL-1855A*	Per Foot.....	Your Price \$0.60
BL-1855A-500*	500 Foot Roll.....	Your Price \$275.00
BL-1855A-1000*	1000 Foot Roll.....	Your Price \$363.00

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Canare L-4CFB 75Ω SDI RG59 Coaxial Cable

Canare 75Ω precision digital video cables, offers the professional Broadcaster a high performance, 100% Sweep Tested, low cost, low loss coax that meets the Serial Digital Video demands of HDTV studios. #20 AWG with AL Foil 100% TAC Braid >93%. 0.24" O.D.

L-4CFB*	Per Foot.....	Your Price \$0.38
L-4CFB BK-984*	984 Foot Roll.....	Your Price \$322.13

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow

Gepeco High Definition 4.5GHz SDI 75Ω Coaxial Video Cable



The Gepeco® 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. Conductive elements consist of a stranded or precision-drawn solid copper center conductor and either a 92% or 95% braid with 100% foil shield for complete broadband shielding. The series contains a wide range of sizes to accommodate short-distance rack wiring or extended-distance point-to-point interconnect.

VPM2000-1000*	RG59, 20 AWG Solid, 1,000 Foot Roll	Your Price \$307.26
VSD2001-1000*	RG6, 18 AWG Solid, 1,000 Foot Roll	Your Price \$374.95

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Amphenol 12GHz BNC Crimp Plugs

Ultra High Definition Video (also known as "Ultra HD" or "4K UHD") requires an interconnect system that can transfer data at a rate of up to 12 Gbps. Using non-12G BNC connectors, this could require 2 or 4 channels. Amphenol RF's line of 12G BNC products are optimized for 4K Ultra HD Broadcast, providing crystal clear signal transmission on a single channel. These connectors are designed for 12G-SDI video cable termination applications.

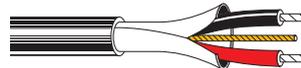
AMPH-112955-11	Belden 4855R / 1855A	Your Price \$2.99 ea.
AMPH-112951-11	Belden 4805R / 1505A	Your Price \$2.78 ea.
AMPH-112957-11	Belden 4694R / 1694A	Your Price \$3.19 ea.
AMPH-031-70534	Belden 4794R	Your Price \$4.92 ea.

Canare 12G-SDI 4K UHD 75-Ohm Crimp Plug BNC Connector for Canare L-5.5CUHD



Canare's BCP-D55UHD is their most advanced BNC plug that was developed for use with their 12G-SDI UHD video coax cable the L-5.5CUHD. The return loss at 12 GHz is 15 dB, 26 dB @ 3 GHz and 20 dB @ 6 GHz. The installation work on the cable is a crimp method which enables quick and reliable machining to go along with its Long sleeve shape, insulator locking mechanism, etc.

BCP-D55UHD • Reg. \$3.72 Your Price \$3.58 100+ \$3.47 250+ \$3.36



Belden 9451 Multi-Conductor Single-Pair Audio Cable

22 AWG stranded (7x30) TC conductors • Polypropylene insulation • Twisted pair • Overall Beldfoil shield (100% coverage) • 22 AWG stranded TC drain wire • PVC jacket



BL-9451*	Per Foot.....	Your Price \$0.29
BL-9451-500*	500 Foot Roll.....	Your Price \$124.95
BL-9451-1000*	1000 Foot Roll.....	Your Price \$246.49

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Canare L-4E6S Star Quad Microphone Cable

The premier Star Quad cable for all handheld mic applications. Flexible, satin smooth to the touch & extra strong, this 21 AWG cable fits perfectly in all XLR connectors. 40 separate strands in each conductor eliminate breakage due to flexing. Available in 10 beautiful matte finish color jackets.



L-4E6S*	Per Foot.....	Your Price \$0.99
L-4E6SBK-656*	500 Foot Roll.....	Your Price \$303.97
L-4E6SBK-1000*	1000 Foot Roll.....	Your Price \$439.95

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow



Meet Karen!
Fiber Lab Supervisor since 2013



ATTN: CALIFOR
WARNING: Certain products cause cancer or reproductive

...mings.ca.gov
...ifornia to
...om website.

BNC CONNECTORS

PRODUCTION ESSENTIALS



Kings® 2065 Series 75Ω HD Digital BNCs

KINGS® 2065 series true 75Ω Broadcast BNC connectors meets the broadcast industry's HD requirements. DC to 3 GHz. They are designed to terminate the most commonly utilized coaxial cables in the broadcast industry and meet the industry's stringent HDTV standards. These connectors feature a full crimp design and are field installable with Kings crimp tools.



Model	Fits Cable	Each	100+	1,000+
2065-2-9	Belden 1505A, 1506A; Gepco VPM2000	\$1.85	\$1.74	\$1.64
2065-10-9	Belden 1694A, 9248; Gepco VSD2001	\$1.74	\$1.64	\$1.54
2065-11-9	Belden 1855A, 1865A; Gepco VDM230	\$1.74	\$1.64	\$1.54

Authorized Broadcast Distributor

Belden 1-Piece Compression 4K Broadcast BNC Connectors

Belden introduces the new 1-Piece HD Brilliance BNC Compression Connector. This 1-piece connector offers faster, more consistent field installation with the same excellent signal quality and performance as traditional 3-piece connectors. Specifically designed for use with Brilliance cable, creating the perfect connector-to-cable combination. 360° compression rings deliver superior pull strength exceeding 100 pounds. **Durability:** 500 Cycles Minimum Electrical Properties. **Return Loss:** <-22dB to -32dB (1 GHz to 4.5 GHz). **Voltage Rating:** 500VRMS. **Insulation Resistance:** > 5000 Megaohms at 100 Vdc. **True 75Ω Performance.**



Model	Fits Cable	Each
BL-1505ABHD1	1505A & RG59	\$2.74
BL-1694ABHD1	1694A & RG6	\$2.74
BL-1855ABHD1	1855A 22-24 AWG	\$2.74
BL-1794ABHD1	1794A & RG7	\$2.74

Canare BNC 3-Piece Crimp Connectors

HD Ready - SMPTE 259M /292M DC to 2.0. SMPTE 259M & 292M Compliant for Serial Digital Video, HDTV Upgrades, NTSC Analog Satellite Headends & More. True 75Ω construction Crimp Pin & Sleeve High performance of 1.1 or less VSWR up to 2GHz.



Model	For Canare	For Belden	Crimp Die	Each	25+	100+
BCP-B4F	L-4CFB, S-4CFB & L-4CHD	1505A,	TCD-4C	\$2.49	\$2.42	\$2.34
BCP-B5F	L-5CFB	N/A	TCD-5CF	\$2.49	\$2.42	\$2.34
BCP-B26	N/A	1855A	TCD-35CA	\$2.71	\$2.63	\$2.55
CNR-BCP-B53	N/A	1694A	TCD-35CA	\$2.59	\$2.51	\$2.44

ADC by TE Connectivity 3GHz BNC Connectors

The ADC line of connectors is designed to simplify installation while providing the ultimate in performance. All ADC connectors also use the same strip dimensions to reduce installation time when multiple connector types are required. Exclusive **notched design** has a visual indication at the 12:00 position for visual confirmation that the BNC is locked into position when used with a TE video jackfield.



Authorized Broadcast Distributor



Notched Series BNC

Part #	Fits Cable:	Each	50+
TE-BNC-1-N	Belden 1505; Gepco VPM2000	\$1.99	\$1.93
TE-BNC-8-N	Belden 1694, 9248; Gepco VSD2001	\$2.32	\$2.25
TE-BNC-13-N	Belden 1855; Gepco VDM230	\$2.32	\$2.25

Connectronics 4GHz 75Ω Digital BNCs

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 • VSWR DC - 4 GHz.



Model	Fits Canare	Fits Belden	Fits Gepco	Each	25+	100+
BNC-1505	L-4CFB	1505A, 1426A	VPM2000	\$1.69	\$1.62	\$1.56
BNC-1694	L-5CFB	1694A, 9248	VSD2001	\$2.72	\$2.65	\$2.52
BNC-1855	N/A	1855A		\$1.80	\$1.73	\$1.66

Neutrik 8K RearTWIST UHD BNC Connectors for Belden



The rearTWIST UHD BNC connectors are specifically designed for high resolution video signal transmissions. The UHD series features an optimized insulator design and reduced crimp diameter from center pin to achieve increased headroom when compared to conventional BNCs. It offers additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption.



NBNC75BDD6X • Fits Belden 1855A
Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BLP9X • Fits Belden 1505A
Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BJP9X • Fits Belden 1505F
Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BTUP11X • Fits Belden 1694A, Gepco VSD2001 (Paladin Crimpers)
Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BTU11X • Belden 1694A, Gepco VSD2001 (Neutrik Crimpers)
Your Price \$2.77 25+ \$2.66 50+ \$2.56

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 \$8.75**

Canare Crimp Tools

TC1 crimp tool has adjustable scissor ratchet action that is designed for rapid die movement. Minimum 50,000 cycle times. High quality Swedish Steel. Maximum crimp force is 2,250 pounds.



TC1 • Crimp tool frame **Your Price \$97.99**

Die Sets
TC-D-35C..... **Your Price \$110.88**
TC-D-4C **Your Price \$86.03**
TC-D-5CF..... **Your Price \$82.21**



Neutrik etherCON CAT6A Feedthrough Coupler for Cable Extensions



- Ruggedized coupler with CAT6A component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2
- Accommodates standard RJ45 plug
- Revolutionary small form factor
- The adapter offers the million-fold proven robust latch lock system
- The adapters are problem solvers for various intermating problems for professional and semi-professional application

NE8FFX6-W • Reg. \$32.48 Your Price \$29.87

Neutrik X series XLR connectors feature 360 degree chuck strain relief, nickel shell, & easy to assemble.

3-Pin Nickel Shell / Silver Contacts

- NC3FX Female \$3.04 Ea. • 25+ \$2.92 • 100+ \$2.81
- NC3MX Male \$2.95 Ea. • 25+ \$2.84 • 100+ \$2.73

3-Pin Black Shell / Silver Contacts

- NC3FX-BAG Female \$3.66 Ea. • 25+ \$3.52 • 100+ \$3.38
- NC3MX-BAG Male \$3.38 Ea. • 25+ \$3.25 • 100+ \$3.13

3-Pin Black Shell / Gold Contacts

- NC3FX-B Female \$4.47 Ea. • 25+ \$4.30 • 100+ \$4.13
- NC3MX-B Male \$4.00 Ea. • 25+ \$3.85 • 100+ \$3.70

4-Pin Nickel Shell / Silver Contacts

- NC4FX Female \$5.18 Ea. • 25+ \$4.98 • 100+ \$4.79
- NC4MX Male \$3.94 Ea. • 25+ \$3.79 • 100+ \$3.64

4-Pin Black Shell / Gold Contacts

- NC4FX-B Female \$7.02 Ea. • 25+ \$6.75 • 100+ \$6.49
- NC4MX-B Male \$4.97 Ea. • 25+ \$4.78 • 100+ \$4.60

5-Pin Nickel Shell / Silver Contacts

- NC5FX Female \$6.69 Ea. • 25+ \$6.43 • 100+ \$6.18
- NC5MX Male \$4.93 Ea. • 25+ \$4.74 • 100+ \$4.56

5-Pin Black Shell / Gold Contacts

- NC5FX-B Female \$8.28 Ea. • 25+ \$7.96 • 100+ \$7.65
- NC5MX-B Male \$6.10 Ea. • 25+ \$5.87 • 100+ \$5.64

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 \$2.94 Ea. • 25+ \$2.83 • 100+ \$2.72
- NC3MD-L-1 Male \$2.77 Ea. • 25+ \$2.66 • 100+ \$2.56

3-Pin Black Shell / Gold Contacts

- NC3FD-L-1-B Female \$3.71 Ea. • 25+ \$3.57 • 100+ \$3.43
- NC3MD-L-1-B Male \$3.57 Ea. • 25+ \$3.43 • 100+ \$3.30

4-Pin Black Shell / Gold Contacts

- NC4FDL-1-B Female \$6.65 Ea. • 25+ \$6.39 • 100+ \$6.14
- NC4MDL-1-B Male \$4.69 Ea. • 25+ \$4.51 • 100+ \$4.34

5-Pin Black Shell / Gold Contacts

- NC5FDL-1-B Female \$10.46 Ea. • 25+ \$10.06 • 100+ \$9.67
- NC5MDL-1-B Male \$8.27 Ea. • 25+ \$7.95 • 100+ \$7.64

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 \$3.12 Ea. • 25+ \$3.00 • 100+ \$2.88
- NC3MP Male \$3.03 Ea. • 25+ \$2.91 • 100+ \$2.80

3-Pin Black Shell / Gold Contacts

- NC3FP-1-B Female \$3.91 Ea. • 25+ \$3.76 • 100+ \$3.62
- NC3MP-B Male \$3.79 Ea. • 25+ \$3.64 • 100+ \$3.50



Neutrik NA2-IO-DLINE Bi-Directional DANTE Audio Interface With Balanced XLR and Ethernet Connections

The NA2-IO-DLINE is an end-of-network device. It is a breakout box which allows two channels of audio to be integrated into a DANTE network. Simultaneously, NA2-IO-DLINE converts a DANTE stream into analog audio signals. Hence, it is possible to use this tiny box to feed analog audio signals into the DANTE network while at the same time receiving a mix from another DANTE source.



- Connect analog audio equipment to a DANTE network
- Heavy duty adapter for rugged stage conditions
- Lockable audio and network connections
- Convert up to two analog line signals to a DANTE network
- Feed non DANTE ready amplifiers, speakers or mixing desks with signals from the DANTE network
- Requires a Power over Ethernet switch or a PoE injector (802.3 af/at; class 1)
- AES67 compliant • Rack mountable

NA2-IO-DLINE • Reg. \$345.00 Your Price \$293.00

Neutrik XX Series XLRs

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 \$2.83 • 50+ \$2.72
- NC3FXX-B 3-Pin Female. Black housing and gold contacts \$4.10 • 50+ \$3.94
- NC3FXX-BAG 3-Pin Female. Black housing and silver contacts \$3.26 • 50+ \$3.13
- NC3MXX 3-Pin Male. Nickel housing and silver contacts \$2.56 • 50+ \$2.46
- NC3MXX-B 3-Pin Male. Black housing and gold contacts \$3.60 • 50+ \$3.46
- NC3MXX-BAG 3-Pin Male. Black housing and silver contacts \$3.08 • 50+ \$2.96

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 \$2.98
- NC3FXX-HA-BAG 3-Pin Female XLR Cable End, Black..... Your Price \$3.34
- NC3MXX-HA 3-Pin Male XLR Cable End, Silver..... Your Price \$2.65
- NC3MXX-HA-BAG 3-Pin Male XLR Cable End, Black..... Your Price \$3.09

Neutrik RX Series 3-Pin Right Angle XLRs



- NC3MRX Male, Nickel & silver\$7.36 • 10+ \$7.08
- NC3MRX-B Male, Black & gold\$8.01 • 10+ \$7.70
- NC3MRX-BAG Male, Black & silver\$7.48 • 10+ \$7.19
- NC3FRX Female, Nickel & silver\$7.39 • 10+ \$7.11
- NC3FRX-B Female, Black & gold contacts.....\$8.99 • 10+ \$8.64
- NC3FRX-BAG Female, Black & silver contacts\$7.68 • 10+ \$7.38

Neutrik D Series XLR Panel Mount Feedthrus

- NA3FDM • Female Front, Male Rear • \$8.58 • 10+ \$8.25
- NA3MDF • Male Front, Female Rear • \$7.52 • 10+ \$7.23



INNOVATIVE SOLUTIONS

RACK MOUNTABLE

RUGGED HOUSING



LOCKABLE CHASSIS

2 x INPUT/OUTPUT



NA2-IO-DLINE

Connect your legacy audio gear to the Dante world. The NA2-IO-DLINE Line I/O Dante Interface is a 2-channel end-of-network device that simultaneously converts analog signals to Dante and Dante to analog signals. Professional-level connectivity is provided via lockable NEUTRIK XLR and etherCON® connectors. Designed for both harsh stage conditions and fixed installations.

Switchcraft Flex Series 1/4" Plugs

With an updated case, true rubber flex relief, and the one piece plug finger, all designed and assembled in the USA, the flex series is the latest addition to Switchcraft's line of superior interconnects. Connectors incorporate a true rubber flex relief with two different diameters to accommodate common cable sizes. Standard models are for 0.19" - 0.22" diameter cable. 'L' (large) models are for 0.22" - 0.25" diameter cable.



Switchcraft Pro Audio

SW-280FPKG	2-Conductor Plug, Solder	Your Price \$2.75
SW-280FLPKG	2-Conductor, Large, Solder	Your Price \$2.75
SW-290FPKG	3-Conductor, Screw Terminals	Your Price \$6.89
SW-290FLPKG	3-Conductor, Large, Screw Terminals.....	Your Price \$6.89
SW-297FPKG	3-Conductor, Solder	Your Price \$5.29
SW-297FLPKG	3-Conductor, Screw Terminals	Your Price \$5.57

Switchcraft Tini-QG Series Right Angle Mini XLR Connectors

Right angle Tini-QG mini XLR connectors are made from high-quality thermoplastic and nickel plated brass. High-quality flex relief for maximum durability, silver or gold-plated BeCu contacts to ensure excellent Connectivity. Rotatable handle for achieving desired angle during installation.



Switchcraft Pro Audio

SW-TARA3FX	3-Pin Female	Your Price \$9.78
SW-TARA3MX	3-Pin Male	Your Price \$8.14
SW-TARA4FX	4-Pin Female	Your Price \$9.78
SW-TARA4MX	4-Pin Male	Your Price \$8.88
SW-TARA5FX	5-Pin Female	Your Price \$11.36
SW-TARA5MX	5-Pin Male	Your Price \$9.86

Switchcraft 303 3-Pin Male to Female XLR with -20db Pad, Ground Lift & Phase Inverse

The Switchcraft 303 Inline controlled connector provides three easily accessible, switchable control functions. The 303's all metal design that utilizes the durability of Switchcraft male and female XLR connectors, plus easy access, high performance control switches. Fully passive, with latching mechanism on both ends.



Switchcraft Pro Audio

SW-303 • Your Price \$41.99

Switchcraft 318BT Phantom Powered Bluetooth Audio Receiver

The 318BT Phantom Powered Bluetooth Audio Receiver is an essential item for pro audio applications of all your bluetooth devices. It sports an XLR male connector to interface with your audio mixer or powered speaker and is as simple as Plug, Connect, Play! No more fumbling with a tangle of wires to connect your audio devices or smartphones.



Switchcraft Pro Audio

SW-318BT • Your Price \$109.99

Switchcraft 318 AudioStix 1/8 Inch Stereo Jack to Balanced Mono 3-Pin Male XLR

AudioStix from Switchcraft are the newest additions to our expanding line of premium pro audio products. They can be used as stand-alone adapters, rear mounted into our modular QGPK Series rack panels, or permanently installed into any number of custom racks and wall plates. AudioStix are made in the USA. #318: 1/8 Stereo Jack to Balanced, Mono 3-Pin Male XLR with Volume Control and Ground Lift Switch.



Switchcraft Pro Audio

SW-318 • Your Price \$59.99



AAA3MZ

Switchcraft Pro Audio

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. As the handle is tightened, the strain relief tightens around the outer jacket of the cable. Teeth on the strain relief keep it from rotating around the cable jacket and twisting the cable.

AAA3FPZ	Female, Plastic Handle	\$2.06 Ea. • 25+ \$2.00 • 100+ \$1.94
AAA3MPZ	Male, Plastic Handle	\$1.89 Ea. • 25+ \$1.83 • 100+ \$1.78
AAA3FZ	Female, Nickel Handle.....	\$2.26 Ea. • 25+ \$2.19 • 100+ \$2.13
AAA3MZ	Male, Nickel Handle.....	\$2.08 Ea. • 25+ \$2.02 • 100+ \$1.96

Switchcraft Switchcraft A Series XLR Cable Ends

	Pins	Gender	Shell/Contacts	
A3F	3	Female	Nickel/Silver	\$2.99 Ea. • 25+ \$2.85 • 100+ \$2.76
A3M	3	Male	Nickel/Silver	\$2.72 Ea. • 25+ \$2.60 • 100+ \$2.53
A3FBAUX	3	Female	Black/Gold	\$5.23 Ea. • 25+ \$5.07 • 100+ \$4.92
A3MBAU	3	Male	Black/Gold	\$4.65 Ea. • 25+ \$4.51 • 100+ \$4.38
A4F	4	Female	Nickel/Silver	\$4.99 Ea. • 25+ \$4.84 • 100+ \$4.70
A4M	4	Male	Nickel/Silver	\$4.12 Ea. • 25+ \$4.00 • 100+ \$3.88
A5F	5	Female	Nickel/Silver	\$7.99 Ea. • 25+ \$7.70 • 100+ \$7.44
A5M	5	Male	Nickel/Silver	\$7.17 Ea. • 25+ \$6.95 • 100+ \$6.75



A3F



A3M

Switchcraft 3.5mm Heavy Duty Cable Ends

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



35HDNN

35HDBABAU

	Contacts	Shell/Contacts	Each	25+	100+
35HDNN	3	Nickel/Nickel	\$5.18	\$5.03	\$4.88
35HDBN	3	Black/Nickel	\$3.83	\$3.72	\$3.60
35HDBAU	3	Black/Gold	\$4.48	\$4.35	\$4.22
35HDNAU	3	Nickel/Gold	\$4.48	\$4.35	\$4.22

Right Angle Series			Each	25+	100+
35HDRABAU	3	Black/Gold	\$9.03	\$8.76	\$8.50
35HDRANN	3	Nickel/Nickel	\$5.95	\$5.77	\$5.60
35HDRANAU	3	Nickel/Gold	\$8.63	\$8.37	\$8.12

Switchcraft

Switchcraft 1/4" Phone Connectors



SW280

	Contacts	Shell/Contacts	Type	Each	25+	100+
SW280	2	Nickel/Nickel	1/4" Male Cable End	\$1.99	\$1.93	\$1.87
SW226	2	Nickel/Nickel	Right Angle 1/4" Male Cable End	\$3.96	\$3.84	\$3.73
SW228	2	Nickel/Nickel	1/4" Flat Plug/Shielded Handle	\$4.12	\$4.00	\$3.88
SW11	2	Nickel/Nickel	1/4" Female Chassis Mt.	\$1.57	\$1.52	\$1.48
SW297	3	Nickel/Nickel	1/4" Male Cable End	\$4.80	\$4.66	\$4.52
SW236	3	Nickel/Nickel	Right Angle 1/4" Male Cable End	\$5.07	\$4.92	\$4.77
SW12B	3	Nickel/Nickel	1/4" Female Chassis Mt.	\$1.63	\$1.58	\$1.53



iPanelCAD™ FREE APP!

Markertek Panel Design APP

iPanelCAD is Markertek's free browser-based application for both Mac & PC for designing custom wall plates, rack panels and more for broadcast & professional AV applications! Universally designed for mobile and desktop devices so you can use it anywhere.

- Fast & Intuitive Browser-Based Application
- Instant Price Quote as You Create Your Drawing
- Massive Drag & Drop Connector & Parts Library
- All Work Performed In-House
- Export Drawings as DWG Files
- Spec Size, Material, Finish, Connectors, & Engraving



Multi-Platform!

GET THE APP. GET THE APP. GET THE APP.



Custom Cables for All Fiber, Video & Audio Applications



Custom Metal Patch Bays & Panels

Nobody offers the full range of custom services for the broadcast, pro-audio and presentation professional like Markertek. Why not send us all of your custom needs and let us create those one of a kind solutions that make your projects all come together?

Custom Cable Shop

Our in-house facility uses the finest, state-of-the-art equipment to produce custom cables and interface solutions that you require. Our shop is LEMO, Neutrik & Belden Certified, RoHS compliant and has the latest test equipment to produce 100% quality controlled cable assemblies.

Custom Metal Shop

Our in-house metal shop utilizes the very latest in laser & plasma cutters to produce anything and everything the media professional requires. Custom panels, wall plates, cable reels, stage boxes, wall & floor pockets in any quantity are only a phone call away.

Markertek You-Design-It Custom Patch Bays

Now you can design your own custom patch bay - fiber, audio and video - loaded with the connectors of your choice. Choose from the highest quality connectors in the industry. Names like Neutrik, Canare, Switchcraft, Senko, and TecNec. The 24XU features two rows of 12 positions for a total of 24 connector possibilities. The 8XU features one row of 8 positions. All connectors are precision mounted on a steel 19" rack panel. Each bay is fabricated in our factory and shipped to you complete and ready-to-use.

Order Custom XU Patchbays and more at:

www.markertek.com/custom/services

8XU	8 Point Custom Universal Patch Bay, 1RU	\$99.00
16XU	16 Point Custom Universal Patchbay, 1RU	\$149.00
32XU	32 Point Custom Universal Patchbay.....	\$199.00

Supply Connector choices & panel location with order



YOU THINK OF IT, WE'LL BUILD IT!

The Markertek metal team can build any panel, wall plate, wall box or floor pocket incorporating any combination of fiber, audio, video, data & communications connection. We have achieved certification from the best names in the industry. Save time and money. Design your project with us today!



The Stock Broadcast Trailer with 101 Uses!



Climate controlled and rack ready deluxe control room interiors.

24 Foot Dual Suite Model Features

- 24 Foot x 8.5 Foot
- 2 Separate Locking Suites
- Deluxe 'Control Room' Interior
- Fully Insulated Walls & Ceiling
- Six 19" Racks @ 37RU & Two @7RU
- Climate Controlled - 2x 13,500 BTU Roof AC / Heat Strip Units

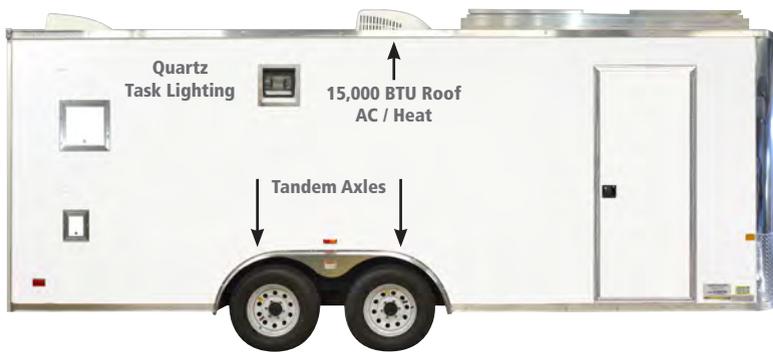
- 1x 13,500 BTU Equipment Rack AC Unit
- Breaker Box with Generator Input
- I/O Panel & Cable Hatches
- Generous 80" Interior Head Room
- 36" Lockable Passenger Door
- 40" Lockable Rear Door
- White Aluminum Rivetless Exterior (Colors Available)
- Exterior Quartz Task Light

- Dexter Torflex Twin Axles (2x 5,200 Lb.)
- Dual Rear Stabilizer Jacks
- Rear Bogey / Skate Wheel "Bottom Out" Protection
- Tows Easily With any Class 3 Hitch
- Premium Radial Tires & Gray Mods
- Observation Deck Available
- Optional Spare Tires Available

VPTR-24 • \$31,995.99

A Rack Ready Rolling Low Cost Production Unit!

20 Foot!



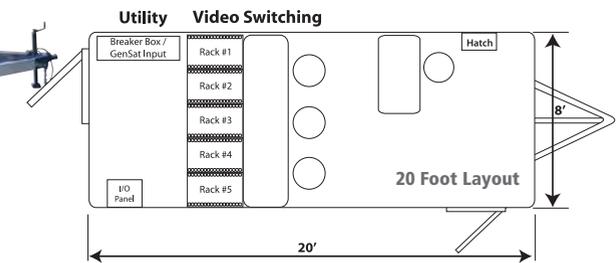
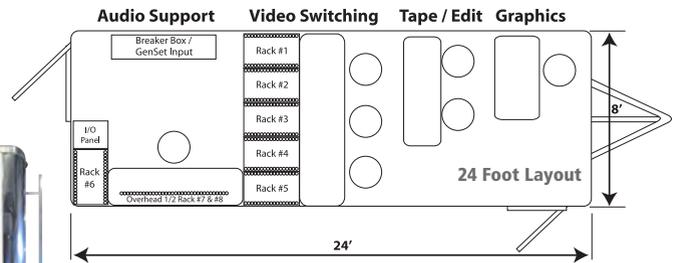
VPTR-1 • \$21,999.99

20 Foot Model Features

- 20 Foot x 8.5 Foot
- 8 Ft. Console Table
- Five 19" Racks (37RU Per Rack)
- 4 Lockable Cable I/O Hatches
- Fully Insulated Walls & Ceiling
- Grey Industrial Carpeted Walls & Floors
- Finished Laminate Ceiling with Lighting

- Generous 80" Interior Head Room
- 15,000 BTU Roof AC Unit with Heat Strip
- 1 Motorized Roof Vent w/Rain Guard
- 36" Lockable Passenger Door
- 40" Lockable Rear Door
- Exterior Quartz Light
- Aluminum Rivetless Exterior in White

- Dexter Torflex Twin Axles (2x 3500 Lb.)
- Premium Radial Tires & Gray Mods
- 3,000+ Lbs. of Extra Gear Carrying Capacity
- Rear Bogey/Skate Wheel "Bottom Out" Protection
- Dual Rear Stabilizers
- Aluminum Pull-Out Steps
- Bright Front Corners - ATP Stoneguard



CERTIFIED FIBER REPAIRS

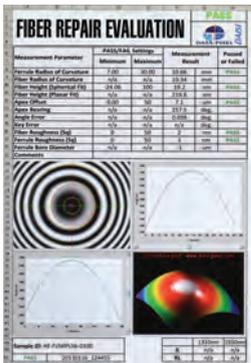
Make Markertek Your #1 Fiber Optic Repair Source for ALL of Your Assemblies.

WE FIX IT ALL!

We are an established high volume factory certified and trained custom fiber shop geared specifically for the needs of Broadcast, Pro-Audio and Pro-AV Industry Professionals.



Send us your defective SMPTE Hybrid, Tactical multi-channel snakes, Singlemode and Multimode cables and we will perform optical and electrical tests with our state-of-the-art OTDR and TDR testing equipment as well as full visual inspection. We will provide a written estimate and visual diagnostic report detailing the necessary repairs for each cable to bring your assemblies back to great working order. Average cable repair time is 10 days.



Full Diagnostics Provided with EVERY Repair!

- LEMO SMPTE Factory Trained & Certified
- Neutrik opticalCON Factory Trained & Certified
- Canare Fiber Factory Trained & Certified
- Low Cost Evaluations & Fast, High Volume Service
- Any Fiber Optic Cable Assembly & Breakout Regardless of Manufacturer
- Singlemode & Multimode Assemblies Including Riser Rated and Plenum Rated Cables
- SMPTE Hybrid 311M Repair and Replacement
- OTDR & TDR Testing
- Complete Cleaning, Repair & Re-Boot Services
- Complete Diagnostic Reporting Provided

Polished & Tested to Specifications

Crimped to Specification



Pins Properly Crimped & Inserted

Strain Relief & Adhesive is Proper & Present

Send Your Fiber Cables to:

Markertek
Attn: Fiber Repair Department
1 Tower Drive
Saugerties, NY 12477
fiberrepair@markertek.com

Please include full contact information with your defective fiber optic cables.



Our fiber lab has been officially recognized for achieving the industry's highest level in quality & standards by earning Canare, Neutrik opticalCON & LEMO Certification. Our cables passed vigorous testing in multiple environments on the first attempt!



To Order Call 800-522-2025
email: sales@markertek.com
Shop Online at
www.markertek.com



1 Tower Drive • Box 397
Saugerties, New York 12477 (USA)

Postal Carrier: Please Handle with care. Delivery Monitored.



**CUSTOMER
PRIORITY
CODE**

No Other Supplier Puts it ALL Together Like Markertek.



PELICAN
You break it, we replace it... forever.

