COOL, CALM AND CONNECTED

Welcome to our annual catalog! This past year may have had more challenges than usual, but watching our customers adapt to maintain (and even improve on) their audience connections has been positively inspiring.

And so our resolution for 2021 is to continue to help you broadcast from home with the highest possible audio (and video) quality, to help you reach out even deeper via social media, and to help you take advantage of the latest technology to cut costs and stay firmly in the black. You’ll find the gear you need to do all this and more, at the lowest possible cost to you, in these pages and on our website (open 24 hours a day, seven days a week).

We at BSW thank you for your business.

Tim Schwieger, President/CEO
e-mail: tims@bswusa.com
EXCLUSIVES
ONLY FROM
BSW

Bundle Pricing
Same-day Shipping
Extended Hours

MEET BRYAN...
The brains (and brawn) behind these exclusive bundles is Director of Sales and Marketing Bryan Seeley. He’s always thinking of new gear combinations to help your voice stand out in any crowd.

Headphone Headquarters
SAVE 56%!
BSW is the place for high quality headphones, including our new exclusive 5-pack!
See p.104-106 for more

Mic Mania
BUNDLE AND SAVE!
Our microphone selection is second to none. If you heard it on a broadcast, it probably came from us.
See p.118-136 for more

We’re Your Nautel Connection
CALL FOR QUOTE!
BSW now carries the full line of acclaimed Nautel RF gear. Call us for the configuration you need at the best possible price!
See p.6-9 for more

BSW Has The Best Deals On Wheatstone
HUGE SELECTION!
BSW is biggest Wheatstone dealer on the planet. Start your build with us.
See p.17, 34-36, 43-47, 69, 117, 194 for more

Work From Home Solutions
SAVE BIG WITH EXCLUSIVE PACKAGES!
Our USB mics and USB interfaces make it easy to sound great from anywhere.
See p.57, 125-127, 154-158 for more

Podcast Central
PODCASTING MADE EASY
Whatever kind of podcasting you’re into, we’ve got the gear you need to take it to the highest level.
See p.121, 129, 154-158 for more

Grow Your Audience AND Revenue
BSW EXCLUSIVE!
HDVMixer lets you easily create audience (and advertiser grabbing) visuals for radio and podcasts and stream it live over social media.
See p.164-165 for more

BSW EXCLUSIVES
FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800-426-8434
800-426-8434 • BSWUSA.COM • INFO@BSWUSA.COM
Industry’s broadest portfolio of digital/analog, solid-state AM/FM radio transmitters

1 kW – 2 MW AM  |  300 W – 88 kW FM

All backed by Nautel’s...

• four-year warranty
• 24/7 support
• outstanding reliability
• compact footprints
• high efficiency
• easy maintenance
• award-winning AUI for comprehensive monitoring and control

Because Radio Matters

Find out why 10 of the top 10 U.S. radio stations are Nautel customers and we have 16,000+ transmitters in 177 countries worldwide.

Worry-Free Transmission

Because Radio Matters

Nautel’s NX Series: Efficient, Energy-Saving Digital/Analog AM Transmitters

The NX Series features compact standalone transmitter designs with outputs from 3 kW to 50 kW. All models come standard with free NDCL, power saving technology to significantly reduce your energy bills.

• AM precorrection, unmatched linearity
• 1.8 MHz direct digital modulation (NX300: 2.7 MHz)
• 17” touch screen on 25+ kW transmitters
• 100% remote web access to the user interface
• RF and audio spectrum analyzers
• Trimode: Analog, HD Radio®, all DRM modes
• Call BSW for a custom quote

NO3  Solid State modular 3 kW AM Transmitter
NO5  Solid State modular 5 kW AM Transmitter
NO10 Solid State modular 10 kW AM Transmitter
NO25 Solid State modular 25 kW AM Transmitter
NO50 Solid State modular 50 kW AM Transmitter

Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Innovative FM and AM Transmitters from Nautel


The VS Series of FM transmitters features industry-first innovations such as IP audio, and SHOUTcast support, audio backup and advanced control, while offering an easy upgrade path to digital broadcasting.

Models boast an integrated true direct-to-channel digital exciter to achieve class leading performance with crystal clear audio and outstanding value. These compact transmitters boast outputs of 300 W, 1 kW, and 2.5 kW. Call, email or visit our website for more info. Call or email for a custom quote.

• Rackmount design
• Big transmitter features in a compact unit
• Power outputs: 300 W (including LPFM), 1 kW, and 2.5 kW
• IP audio and streaming input
• Direct to digital exciter
• Built-in RDS encoder, SCA encoder and Stereo generator
• Award winning instrumentation and control
• RF and audio spectrum analyzers
• SHOUTcast support
• SNMP support
• MPX over AES
• Automatic fail-safe audio source
• Easy upgrade path to digital HD Radio
• Call BSW for a custom quote

VS300  300W 2U FM Transmitter List  $5,300.00

VS1-EIA  1KW FM Transmitter w/ EIA Connector List  $8,400.00

VS1-7-16DIN  1KW FM Transmitter With 7/16 DIN Connector List  $8,400.00

VS2.5  2.5 kW FM Transmitter List  $15,750.00

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BSW is YOUR Nautel Connection

Call BSW for All Your Nautel Needs

With over 50 years of constant innovation, Nautel is the recognized world leader in the design, manufacture, sales and support of high power, solid-state RF products for radio. BSW carries the full line of Nautel RF equipment, and can supply you with the gear you need, in any configuration. Give us a call or drop us an email and we’ll get it for you at the best possible price.

NVLT Series: Highly Efficient FM Transmitters For Significant Energy Savings

The NVLT Series of high-power, solid-state, modular digital FM transmitters feature 3.5 kW to 40 kW transmitters boasting the highest efficiency in their class to deliver significant energy savings. Each design is optimized to offer the features you want without the extra cost for external combiners, exciters, control systems, instrumentation or system rack. Extensive redundancy in all models offers outstanding reliability. Call BSW for a custom quote.

- Proven NV Series architecture
- Highest efficiency in its class (72%) for significant energy savings
- Integrated direct to digital exciter
- IP audio and streaming input
- Award-winning instrumentation and control
- Intelligent I/ISeries features
- Automatic fail-safe audio source
- Parallel power amplifiers, parallel power modules and switching power supplies
- Easy path to HD Radio® operation

NV3.5LT 3.5 kW, analog
NV5LT 5 kW, analog
NV10LT 10 kW, analog

Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

NVT Series: Analog FM Transmitters

Mobile and broadcast transmitters offering high efficiency, high power and wide coverage. Call BSW for a custom quote.

NVRX3.5 3.5 kW, analog
NVRX3 3 kW, analog

Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

NV2000 Series: Solid State, AM Broadcast Transmitters

J1000 transmitter provides excellent functionality and flexibility for the broadcaster. The advanced PDM modulation correction and automatically adjusted power supply operation yield low distortion figures from 10 watts to 1100 watts. Direct digital synthesis technology ensures a pure and stable RF carrier frequency that can be interfaced to a GPS reference.

- Redundant Architecture
- Excellent Sound Quality
- Built-in Scheduler
- Single Phase Power
- Simple Frequency Change
- Plug and Play

J1000 1kW AM Broadcast Transmitter

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Low Power Single-Phase AC Transmitter

Power module integrating multiple RF amplifiers units. The individual RF amplifiers and modulator units are connected to the power module using plug-in industry standard “D” connectors and bolted directly to a heatsink. Servicing consists of simple exchange, using only a screwdriver. Component level repair can be performed at a workbench or near the transmitter using a convenient test cable that provides all test signals from the host transmitter.

- Automatic Standby
- Unattended Operation
- Maximum Redundancy
- Power outputs: 3 kW or 6 kW

XR3-1-PH 3 kW 1 phase, dual exciter, single phase AC
XR6-1-PH 6 kW 1 phase, dual exciter, single phase AC

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

GV Series: Intelligent, Analog/Digital FM Transmitters

The GV Series of digital FM transmitters boast industry’s highest digital power outputs, commercial-grade instrumentation, advanced intelligent features such as dynamic RDS scrolling, and award-winning control via Nautel’s AUI. Call BSW for full info and a custom quote.

- Field-proven, high-power architecture
- High digital efficiency
- HD Spectrum/Efficiency Optimizer
- Separate controller back up user interface
- Site control functionality via AUI
- Dynamic RDS scrolling
- MUX over AES
- All DRM+ modes supported
- Reduced cost of ownership for BOC

GV3.5 3.5 kW, digital
GV5 5 kW, digital
GV7.5 7.5 kW, digital
GV10 10 kW, digital
GV15 15 kW, digital
GV20 20 kW, digital
GV25 25 kW, digital
GV30 30 kW, digital
GV35 35 kW, digital
GV40 40 kW, digital
GV45 45 kW, digital
GV50 50 kW, digital
GV60 60 kW, digital
GV70 70 kW, digital
GV80 80 kW, digital
GV100 100 kW, digital

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BROADCAST NOW, PAY LATER!

Ask about financing orders over $20k or visit BSWUSA.com to apply in minutes.
Efficient, Versatile FM Transmitters

Efficient Nicom FM Exciter/Transmitters
Nicom’s NT Series of phase-locked loop programmable FM exciters/transmitters are meticulously designed and feature high-quality components for years of trouble-free use. Available in models with up to 5000 watts of output power, they offer ultra-efficient MOSFET technology, a frequency range of 87.5 MHz to 108 MHz and an easy-to-use control interface.

• Includes low pass/ harmonic filter
• Instant front panel programmability in 10kHz increments
• Adjustable power output with automatic power control

Low Power FM Transmitter for Houses of Worship & More
Decade’s MS-100 is a professional grade low power FM transmitter operating in the commercial FM band (88.1 - 107.5 MHz). Available in models with up to 5000 watts of output power, they offer ultra-efficient MOSFET technology, a frequency range of 87.5 MHz to 108 MHz and an easy-to-use control interface.

• Modulation type: direct carrier frequency modulation
• Frequency stability: better than 5 ppm (± 500 Hz)
• Frequency range: 87.5 MHz to 108 MHz
• Adjustable power output with automatic power control
• Instant front panel programmability in 10 kHz increments
• Includes low pass/harmonic filter

Handy Short-Range FM Transmitter
The Rolls HR70 is a digital display analog FM transmitter operating in the commercial FM band (88.1 - 107.5 MHz).

• Frequency response: 20 Hz - 12.5 kHz
• Antenna jack: BNC connector
• Audio backup
• Dimensions (WxDxH): 6.75” x 4.25” x 1.6”
• Antenna Impedance: 75 ohms
• Frequency response: 20 Hz - 12.5 kHz
• Tuning range: 87.5 - 108 MHz
• I/O: XLR balanced and RCA unbalanced
• Audio backup

New
MS-100

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Efficient Ecreso FM Transmitter Series

These Ecreso/Worldcast Systems FM transmitters cover RF power levels up to 10kW. All models feature an “FM Band Direct to Frequency” digital modulator for exceptional signal quality and are based on an rugged 6th Generation MOSFET, which offers excellent audio fidelity and up to 76% efficiency. Call, email or visit bswusa.com for full specs.

Accessories:
AL911022 Power supply for ECRESO FM 5KW/10KW
AL911100 Power supply for ECRESO FM 100KW/200KW/500KW
AL911110 Power supply for ECRESO FM 5000KW

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

World-Class FM Transmitters

EFFM100-BASIC
ECRESO FM 100W - Basic version
ECRESO FM 100W - Full version

EFFM300-BASIC
ECRESO FM 300W - Basic version
ECRESO FM 300W - Full version

EFFM750-BASIC
ECRESO FM 750W - Basic version
ECRESO FM 750W - Full version

EFFM1000-BASIC
ECRESO FM 1000W - Basic version
ECRESO FM 1000W - Full version

EFFM2000-BASIC
ECRESO FM 2000W - Basic version
ECRESO FM 2000W - Full version

EFFM3000-BASIC
ECRESO FM 3000W - Basic version
ECRESO FM 3000W - Full version

EFFM5000-BASIC
ECRESO FM 5000W - Basic version
ECRESO FM 5000W - Full version

EFFM5K-BASIC
ECRESO FM 5000W - Basic version
ECRESO FM 5000W - Full version

EFFM75K-BASIC
ECRESO FM 75KW - Basic version
ECRESO FM 75KW - Full version

EFFM100K-BASIC
ECRESO FM 100KW - Basic version
ECRESO FM 100KW - Full version

EFFM150K-BASIC
ECRESO FM 150KW - Basic version
ECRESO FM 150KW - Full version

EFFM200K-BASIC
ECRESO FM 200KW - Basic version
ECRESO FM 200KW - Full version

EFFM250K-BASIC
ECRESO FM 250KW - Basic version
ECRESO FM 250KW - Full version

EFFM300K-BASIC
ECRESO FM 300KW - Basic version
ECRESO FM 300KW - Full version

EFFM350K-BASIC
ECRESO FM 350KW - Basic version
ECRESO FM 350KW - Full version

EFFM400K-BASIC
ECRESO FM 400KW - Basic version
ECRESO FM 400KW - Full version

EFFM500K-BASIC
ECRESO FM 500KW - Basic version
ECRESO FM 500KW - Full version

EFFM700K-BASIC
ECRESO FM 700KW - Basic version
ECRESO FM 700KW - Full version

EFFM1000K-BASIC
ECRESO FM 1000KW - Basic version
ECRESO FM 1000KW - Full version

EFFM3000K-BASIC
ECRESO FM 3000KW - Basic version
ECRESO FM 3000KW - Full version

EFFM5000K-BASIC
ECRESO FM 5000KW - Basic version
ECRESO FM 5000KW - Full version

EFFM7500K-BASIC
ECRESO FM 7500KW - Basic version
ECRESO FM 7500KW - Full version

EFFM10000K-BASIC
ECRESO FM 10000KW - Basic version
ECRESO FM 10000KW - Full version

EFFM15000K-BASIC
ECRESO FM 15000KW - Basic version
ECRESO FM 15000KW - Full version

EFFM20000K-BASIC
ECRESO FM 20000KW - Basic version
ECRESO FM 20000KW - Full version

EFFM25000K-BASIC
ECRESO FM 25000KW - Basic version
ECRESO FM 25000KW - Full version

EFFM30000K-BASIC
ECRESO FM 30000KW - Basic version
ECRESO FM 30000KW - Full version

EFFM35000K-BASIC
ECRESO FM 35000KW - Basic version
ECRESO FM 35000KW - Full version

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EFFM50000K-BASIC
ECRESO FM 50000KW - Basic version
ECRESO FM 50000KW - Full version

EFFM75000K-BASIC
ECRESO FM 75000KW - Basic version
ECRESO FM 75000KW - Full version

EFFM100000K-BASIC
ECRESO FM 100000KW - Basic version
ECRESO FM 100000KW - Full version

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AL911110 Power supply for ECRESO FM 5000KW
AL911111 Power supply for ECRESO FM 50000KW

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Meet the BSW Gear Gurus — whatever your need, they're HERE TO HELP!
1-800-426-8434

With decades of combined experience in the radio broadcasting and pro audio fields, our Gear Gurus not only know the gear, they use it themselves. They know it’s not easy to find the right piece of equipment to sound your best, so they’re ready to help you get what you need at the lowest possible price. If you’re looking for expert advice on the best way to upgrade your sound, especially if you’re broadcasting from home or anywhere outside the comforts of your studio, get in touch with our Gurus. You’ll be glad you did.

Paul Schweiger
Gear Guru
since 1997

Jamie Singer
Gear Guru
since 2005

John Lynch
Gear Guru
since 1992

Justin Warbreck
Gear Guru
since 2006

Austin Yokum
Gear Guru
since 2019

High Performance FM Transmitters
Crown Broadcast FM transmitters feature a built-in audio processor and stereo generator (higher power models also include an exciter) and deliver a consistently high level of performance. Boasting low loss circuit boards and copper heat spreaders in the RF chain, they function with less heat and improved life span. A robust power supply with switching voltage and power regulators for AC or DC operation let you use them anywhere power can be generated.

- Low/Medium/High power transmitters with built-in audio processor and stereo generator FM1000T
- 87-108 MHz user-selectable frequency range
- Frequency Agile from front panel
- SWR metering from remote control
- Ability to control output power from remote control
- 3-Year warranty
- 24-hour service support
- Meets or exceeds all FCC requirements

FM30T
3W - 30W FM transmitter List $4,195.00

FM150T
15W - 150W FM transmitter List $5,795.00

FM300T
30W - 300W FM transmitter List $6,895.00

FM600T
250W - 600W FM transmitter List $8,995.00

IREC-CLASSIC
Remote interface for Crown Classic transmitters List $599.00

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Call BSW for expert advice, special pricing and more.
1.800.426.8434
Great For STLs, Point-to-Point or Multipoint Connections
The Tieline Genie STL delivers superior quality IP audio over LANs, WANs, the Internet, satellite IP, 3G, 4G, WiMAX and Wi-Fi. It is specially designed for continuous operation over mission critical audio paths throughout broadcast IP networks.

Efficient, Reliable STL Systems

- **GENIE-STL:** Superior quality IP audio over a wide range of networks
- **GENIE-DISTRIBUTION:** Multipoint audio distribution over a wide range of networks

**GENIE-STL**
- STL point-to-point audio distribution
- Up to six channels of balanced audio I/O, up to 60 stereo IP multi-unicast connections, stereo multicasting to unlimited end-points

**GENIE-DISTRIBUTION**
- STL, point-to-point audio distribution
- Multipoint audio distribution over a wide range of networks

- **GENIE-DISTRIBUTION-WHEATNET-IP**
  - STL & IP Codec With Wheatnet IP

**Powerful Multi-Channel Codec**
Tieline’s Gateway is a powerful DSP-based IP codec that can transport multiple channels of mono or stereo audio across any QoS-enabled IP network, including T1 and T3 connections as well as private WANs with MPLS. It can stream up to 16 IP audio channels with support for AES67, AES3 and analog I/O as standard. It’s perfect for large-scale audio distribution to single or multiple locations, as well as managing multiple incoming remotes at the studio using SmartStream PLUS and Fuse-IP technologies over internet connections. It’s interoperable with all Tieline IP codecs and compatible over SIP with all EBU/ACIP Tech 3326 and 3368 compliant codecs and devices.

- **Up to 16 mono or 8 stereo bidirectional audio streams**
- **Support for AES67, plus AES3 and analog I/O options**
- **Interoperability with Wheatnet-IP Networks**
- **EBU/ACIP Tech 3326 & 3368 SIP compatible**

**GATEWAY**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Call your favorite BSW representative for the best Tieline prices! 1-800-426-8434
**Flexible STL Systems from GatesAir**

GatesAir’s Intraplex line offers a wide range of robust, reliable Studio-to-Transmitter Links that are ideal for audio contribution/distribution networks of any size and architecture.

**EX-STL100 PLUS**
- STL system specifically designed for BOC conversion for HD Radio
- Includes two T1 multiplexers and linear stereo audio encode and decode modules

**EX-STL9000-L**
- BOC conversion for HD Radio with enhanced aptX audio compression
- Includes two T1 multiplexers and linear stereo audio encode and decode modules

**EX-STL9000-L PLUS**
- HD Link STL system with transmitter unit and receiver unit, configured for transport of two linear stereo plus IP, aux audio and two async (96kbps) data channels

---

**Crystal-Clear, Seamless STL**

Moseley Statlink SL9003QHP is an open-architecture, all-digital HD Radio ready, multi-channel linear audio STL. It offers a fully transparent link in your air chain, letting the clarity of your audio shine through. AES1/EBU I/O combine with a built-in variable rate converter to offer channel linear audio STL. A fully transparent link in your air chain, it lets the clarity of your audio through. AES1/EBU I/O combine with a built-in variable rate converter to offer channel linear audio Stella.

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**Moseley**

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**When You Think STL, Think BSW**

When You Think STL, Think BSW

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**Powerful IP Audio Transport Interface**

- Works as a translator between high-quality studio networks and low-bandwidth STL, connectivity options such as IP wireless links
- Interfaces directly to an IP wireless radio or commercial leased line for point-to-point connectivity between locations
- AES67 compatible, Wheatnet-IP compatible
- Two AES and two analog audio inputs, four programmable logic ports

---

**FM Multiplex and RDS Over IP**

The Omnia MXF Node code can send or receive full FM signals at data rates as low as 320 kbps. Utilizing the Omnia pMuxTM algorithm, making it ideal for networks with limited capacity (including IP radios). It makes peak-controlled L/R baseband, stereo pilot, and RDS data routable from a studio to one or many FM transmitters.

---

**Get High Quality, Reliable STL with BSW**

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Create Hassle-Free Remotes with ACCESS-NX!

Loaded Portable IP Codec Easily Handles Today’s IP Audio Challenges

The Comrex ACCESS NX portable IP Codec is designed to take advantage of the latest advances in IP audio transmission. It offers faster processors than the previous model along with a second mic input, phantom power and an internal battery. EBU 3326/SIP mode for compatibility, compatible with all Comrex IP audio codecs. ACCESS NX is optimized for running Comrex CrossLock, enabling both powerful error correction and network bonding, while intelligently monitoring and dynamically adjusting network connections in real-time. Call or visit bswusa.com for full details.

• Network bonding with adaptive management
• 5-inch capacitive touch screen
• Two mic/line switchable XLR inputs
• Stereo line-level input and outputs
• Two 1/4" stereo headphone outputs
• Digital mixing and headphone busses
• Input peak limiting
• Selectable producer feed
• Operates on 3G/4G networks, Wi-Fi, Ethernet and POTS (with optional POTS modem)
• LED VU meters
• Internal lithium ion battery

ACCESS-NX
List $4,000.00
ACCESS-NX-MIXER
List $1,000.00
BSW-ACCESSNX-CASE
List $249.99
$149.99

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Give Your Studios Full ACCESS

ACCESS MR Rack features completely redesigned hardware, allowing for AES67, AES3 or analog audio I/O. KYK Rack can connect to Wi-Fi and 4G modems, and supports a wide range of connection protocols and audio encoders. If you need to run multiple IP codecs at once, ACCESS MultiRack will save you money and space by condensing your rack into one box. Comrex CrossLock technology includes the most advanced network management tool and the option of running multiple networks in bonding or redundancy mode.

ACCESS-RACK
Rackmount stereo IP/POTS codec
ACCESS-MULTI-RACK
Rackmount multi-codec

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

ACCESS NX Rack features completely redesigned hardware, allowing for AES67, AES3 or analog audio I/O. MR Rack can connect to Wi-Fi and 4G modems, and supports a wide range of connection protocols and audio encoders. If you need to run multiple IP codecs at once, ACCESS MultiRack will save you money and space by condensing your rack into one box. Comrex CrossLock technology includes the most advanced network management tool and the option of running multiple networks in bonding or redundancy mode.

ACCESS-RACK
Rackmount stereo IP/POTS codec
ACCESS-MULTI-RACK
Rackmount multi-codec

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Unparalleled reliability for remote broadcasting!

THE AES67 COMPATIBLE CODEC

5 CODEC INSTANCES IN ONE BOX

DOWNLOAD FIELD TAP APP TO CALL INTO ANY COMREX CODEC FROM YOUR MOBILE PHONE!

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
Do the Job Right with Comrex

BRIC-Link II for Reliable IP Audio

Comrex BRIC-Link II is a low-cost, high-performance solution for audio distribution, moving linear or compressed audio over IP networks with ultra-low delay. Easy to use, it’s uniquely suited to point-to-point high-quality audio links over a variety of data networks, such as ISM band IP radios, T1/E1, satellite channels, WANs, and LANs.

• Can be deployed over a wide range of IP links
• Support for 16-bit audio as well as FLAC, AAC, HE-AAC, and Opus algorithms
• Suitable for STLS and other mission-critical functions
• Two units or more required for a complete system

FLEET-COMMANDER

A software application for controlling multiple Comrex IP audio codecs simultaneously. It can be used to manage every Comrex IP Audio codec in your fleet (depending on CPU to copy peers and profiles between codecs. A Windows application, Fleet Commander Interface, but also comes with a few more features like active metering and the ability to connect and keep track of your codecs on the Internet.

• Switched/Traversed Server (license sold separately) lets you easily connect and keep track of your codecs on the Internet
• Crossclock provides groundbreaking data channel bonding and redundancy modes for unparalleled broadcast reliability

BSW has the Best Selection of Quality Codecs

Affordable, Professional IP Audio Encoder and Decoder

The IP audio encoder and decoder pair combines to enable affordable yet professional delivery of audio content over IP networks. They are low in cost but rich in features.

• Intelligent Networking powered by ScriptEasy
• SureStream for high-quality audio on single port
• Complete range of algorithms as standard

IP DECODER SILVER
Encoder $1,090.00
Decoder $1,090.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Broadcast-Grade Audio Even Over Inexpensive IP

The APT CODEC offers both revolutionary SureStream technology and intelligent ScriptEasy scripting. It offers a wider range of algorithms as standard on a solid ODP platform with dual IP ports and redundant power supplies. Perfect for STLS and mission-critical applications, this next generation IP audio codec provides extensive control and monitoring capabilities to manage both your audio, data and network conditions and other equipment located at the transmitter site.

• Dual IP network ports, configurable for management and redundant streaming
• Multi-algorithm support as standard, including HE-AAC and Linear PCM
• APT’s Multi-IP Codec provides extensive control and monitoring capabilities to manage both your audio, data and network conditions and other equipment located at the transmitter site.

APM-IP-ENC  $1,650.00
APM-IP-DEC  $1,650.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Flexible Multi-Channel Audio Transport

APT’s MULTI-CHANNEL IP CODEC transports multiple channels of audio or digital or analog MPX/Composite over IP. It can support up to 16 channels of audio on four APM modules within a single unit of rack space, and even more IP streams with multicast or multiple unicast.

• DSP-based architecture for 24/7365 operation
• Redundant world power supplies as standard
• Multi-algorithm suite as standard including low delay, cascade-resilient Enhanced aptX
• Multi-layers of redundancy and exceptional scalability and flexibility
• APT’s Multi-IP Codec provides extensive control and monitoring capabilities to manage both your audio, data and network conditions and other equipment located at the transmitter site.

Apt Streaming and Content and Content Alignment enables high precision SFN and MFN network applications

• SureStream protects your audio over IP content from loss of connection and dropped packets

APT MULTI-IP-CODEC

List $4,610.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Control Multiple Comrex Codecs

Comrex Fleet Commander is a software application for controlling multiple Comrex IP audio codecs simultaneously. With the ability to manage all codecs from a single window, it’s easy to use, too! You can save time and increase productivity for busy engineers. Fleet Commander contains all of the functionality of the web-based interface, but also comes with five more features like active metering and the ability to copy profiles and switch between codec.

• Windows application, Fleet Commander can be used to manage every Comrex IP Audio codec in your fleet (depending on CPU and network limitations).
• Simple to use
• Unified interface for multiple codec management
• Compatilbe with Windows 7, 8, and 10

FLEET-COMMANDER $400.00

So that’s where he hides all the BSW Almond Roca!®

**FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!**

BSW has the Best Selection of Quality Codecs

Affordable, Professional IP Audio Encoder and Decoder

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• Dual IP network ports, configurable for management and redundant streaming
• Multi-algorithm support as standard, including HE-AAC and Linear PCM
• APT’s Multi-IP Codec provides extensive control and monitoring capabilities to manage both your audio, data and network conditions and other equipment located at the transmitter site.

APM-IP-ENC  $1,650.00
APM-IP-DEC  $1,650.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Flexible Multi-Channel Audio Transport

APT’s MULTI-CHANNEL IP CODEC transports multiple channels of audio or digital or analog MPX/Composite content over IP. It can support up to 16 channels of audio on four APM modules within a single unit of rack space, and even more IP streams with multicast or multiple unicast.

• DSP-based architecture for 24/7365 operation
• Redundant world power supplies as standard
• Multi-algorithm suite as standard including low delay, cascade-resilient Enhanced aptX
• Multi-layers of redundancy and exceptional scalability and flexibility
• APT’s Multi-IP Codec provides extensive control and monitoring capabilities to manage both your audio, data and network conditions and other equipment located at the transmitter site.

Apt Streaming and Content and Content Alignment enables high precision SFN and MFN network applications

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List $4,610.00

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• Windows application, Fleet Commander can be used to manage every Comrex IP Audio codec in your fleet (depending on CPU and network limitations).
• Simple to use
• Unified interface for multiple codec management
• Compatilbe with Windows 7, 8, and 10

FLEET-COMMANDER $400.00

So that’s where he hides all the BSW Almond Roca!®

**FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!**
Turn Your iPhone Into a Codec!

Turn your iPhone/Android Phone into a 15kHz audio codec and digital recorder with the Report-IT Enterprise app. Use cellular or Wi-Fi to stream to a Tieline IP codec in the studio to send live 15kHz audio, or send pre-recorded reports via FTP at 20kHz.

Centrally manage and administer all licenses remotely. All the talent has to do is download the Report-IT Enterprise Edition app from the iTunes app store/Google Play, open the app and enter a preconfigured password.

REPORT-IT-LIVE
10 licenses/1 year List $399.00 $363.00
REPORT-IT-LIVE-ADD List $49.00 $45.00
REPORT-IT-LIVE-RENEWAL List $49.00 $45.00
REPORT-IT-LIVE-SERVER List $49.00 $45.00
REPORT-IT-LICENSE-UPGRADE List $49.00 $45.00
REPORT-IT-LIVE-SIP List $990.00 $898.00

Economical Bridge-IT for Remotes, STLs and More

Tieline’s Bridge-IT is a low cost point-to-point or multi-point IP audio solution that is ideal for STL, Studio-to-Studio and remote. Boasting professional grade audio connectors, it comes in a basic version or a pro version (offering AAC algorithms and multiple unicasting).

BRIDGE-IT
Pro Version List $1,695.00 $1,537.00
BRIDGE-IT-EXTRA
Extra Version List $2,295.00 $2,080.00
BRIDGE-IT-RACKKIT-P
1RU Rack Mount List $160.00 $146.00

Easily Manage Your Entire Tieline Network

The Cloud Codec Controller features a simple user interface to configure, connect and manage your entire network of Tieline codecs and all Report-IT Enterprise users from a single PC located anywhere in the world, even if they’re connected to cellular and Wi-Fi networks. It seamlessly integrates with Tieserver and the latest cloud computing technologies to deliver secure real-time monitoring and remote control.

CLOUD-CONTROL
Cloud Codec Controller License
Annual Subscription Required $299.00
CLOUD-CONTROL-NET.UPG
Upgrade $363.00
CLOUD-CONTROL-NET
Private network license $635.00
Easy IP Audio with Digigram

Intuitive IP Audio Codec

Digigram’s IQOYA-TALK is ideal for live remote interviews, offering a wide range of wired and wireless connections. Boasting an intuitive user interface as simple as a smartphone, it lets remote reporters perform all key actions in just 2 clicks. IQOYA-TALK is also available in handy, money-saving packages. X/LINK and SERV/LINK models are 1U rack mountable IP audio codecs designed for full IP environments and featuring plenty of I/O options. Call BSW for full details and custom quotes.

- Intuitive user interface, perfect for non-tech talent
- Lets you do all key actions with just two clicks
- 3 mic/line inputs (streamlined LE model has 2)
- Available in convenient, money-saving packages

<table>
<thead>
<tr>
<th>Codec Name</th>
<th>Description</th>
<th>I/O Options</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IQOYA-TALK</td>
<td>Portable codec with LCD touch screen and 3x Mic input, 4x Phones out, 2x XLR I/O with Ethernet</td>
<td>8x mono AES67 I/O</td>
<td>$4,490.00</td>
</tr>
<tr>
<td>IQOYA-TALK-LE</td>
<td>Portable codec with LCD touch screen and 2x Mic input, 2x Phones out, 2x XLR I/O with Ethernet connection</td>
<td>6x mono AES67 I/O</td>
<td>$3,390.00</td>
</tr>
<tr>
<td>IQOYA-TALKLEAG</td>
<td>Soft bag for IQOYA TALK and TALK-LE</td>
<td></td>
<td>$139.00</td>
</tr>
<tr>
<td>IQOYA-TALKLINK-PKG</td>
<td>1 IQOYA TALK + 1 IQOYA X/LINK LE Package</td>
<td></td>
<td>$6,730.00</td>
</tr>
<tr>
<td>IQOYA-TALK-PKG</td>
<td>Portable codec with LCD touch screen with FREE Backpack and Battery</td>
<td></td>
<td>$1,690.00</td>
</tr>
<tr>
<td>IQOYA-XLINK-AES67</td>
<td>1U stereo IP Audio codec for remote broadcast for up to 16x I/O channels with AES67</td>
<td></td>
<td>$3,190.00</td>
</tr>
<tr>
<td>IQOYA-XLINK-DUAL</td>
<td>Dual stereo IP audio codec</td>
<td></td>
<td>$1,190.00</td>
</tr>
<tr>
<td>IQOYA-XLINK-LE</td>
<td>Stereo IP Audio Codec</td>
<td></td>
<td>$1,240.00</td>
</tr>
<tr>
<td>IQOYA-XLINK-ST</td>
<td>1U stereo IP Audio codec with 2x I/O channels among 2x mono analog</td>
<td></td>
<td>$1,990.00</td>
</tr>
</tbody>
</table>

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Smooth Remote Guest Interviews With A Smartphone

Digigram’s IQOYA GUEST makes it easy to conduct remote guest interviews outside the studio. With no need for hardware installations or software applications, studios can access the complete IQOYA GUEST interface through their web browser and directly invite guests to join the call by sending a link to their phone or email IDs. Guests simply open the link with their smartphone or computer web browser and are ready for a live, broadcast-quality call with the studio.

- Simple web-based solution for conducting remote guest interviews
- No new hardware/software required, all you need is a web browser
- Intuitive user interface designed for journalists and non-technical persons
- Start broadcasting in just two clicks
- Advanced audio codecs for superior sound quality
- Dedicated SIP infrastructure

IQOYA-GUEST | Remote guest interview interface |
---|---

Call BSW for your best Digigram price 1-800-426-8434.

For your up-to-the-minute best price call 800.426.8434!
GatesAir Intraplex IP Link Codecs

Offering a wide range of audio coding options, GatesAir IP Link codecs work great in STLs as well as audio contribution and distribution networks. With its support for IP multicast and multiple unicast streams, one encoder can feed multiple decoders. They boast three independent IP interfaces for streaming and management and deliver a high level of reliability at budget-friendly prices. Call or visit BSWUSA.com for full details.

- Transparent AES up to 192 kS/s to support composite FM multiplex signal over AES
- Three independent IP interfaces for redundant network operation
- Built-in silence sensor with optional stream switch over
- Automatic backup to audio playout from USB drive or external audio source
- Can encode the same audio source in multiple formats for STL, backup and web streaming
- GatesAir IP-LINK-100 features single bidirectional stereo audio channels
- GatesAir IP-LINK-100P adds advanced signal monitoring capabilities and enables integration with Intraplex SynchroCastsystems for multicasting across transmitter networks
- GatesAir IP-LINK-200 features two bidirectional stereo audio channels

Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
Cover Your Bases with Barix

Ultra-Reliable AoIP Streaming

The Barix Exstreamer series features embedded, reliable, IP-enabled audio streaming devices ideal for local and internet-based IP music distribution systems.

- Exstreamer 100, 110: decodes IP audio streams and plays out the received signal to amplifiers
- Exstreamer 200: decodes IP audio streams and plays out signal via built-in amplifier to 8 Ohm speakers
- Exstreamer 500: multi-purpose IP audio codecs with internet radio and VoIP support

See the video at https://www.barix.com/EXSTREAMER500

Live IP Audio Encoder for Streaming

Instreamer ICE encodes analog audio for streaming to an IP network or broadcasting internet radio streaming services.

- MP3 and AAC encoding
- Integrated Icecast server feeds up to 50 web radio listeners directly

Background Music Streaming

RetailPlayer offers reliable multi-channel background music and message delivery via the internet.

- Latest generation, robust, cost-effective player
- Cloud or client server based management
- Individual volume and stream selection control

Stream Live Audio to Mobile Phones

AudioHunt 3 can stream live audio via Wi-Fi to the cellphones of up to 250 users as a multicast stream.

- Up to 250 simultaneous streams
- Single channel or multi-channel support
- Web interface for control, status, configuration

Strong Error Resilience in IP-Based STL Connections

Redundancy by Barix improves the quality of a received ITSP stream by using innovative routing techniques that send the same stream twice, with one either time-delayed or sent to a different interface, so that the redundant helps repair lost packets or even helps cope with infrastructure failure.

- Time and/or path redundancy
- Can connect to multiple IP interfaces
- Automatic stream headering for less audio glitches
- Works with existing infrastructure
- Web interface for configuration

Bi-Directional Mono Opus Codec

- Enables remote contribution links with SIP
- Front panel interface or control software
- IP based communications systems
- Microphone level input, balanced line level output

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Bi-Directional Mono Opus Codec

- Enables remote contribution links with SIP
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- IP based communications systems
- Microphone level input, balanced line level output

IP Codec Handles Toughest Network Conditions

The Telos ZIP ONE 1RU rackmount codec lets you use public IP networks and mobile phone data services for high quality, trouble-free audio transmission. Exclusive Agile Connection Technology automatically delivers the best possible audio. This version includes AES/EBU I/O for ultimate flexibility.

- Audio I/O via AES/EBU, balanced XLR, and Asia Livermore IP-Audio interface
- Wide range of high-performance codecs
- Agile Connection Technology for superb transmission

CALL BSW FOR THE LOWEST PRICES ON CODECS! 800.426.8434
Innovative FM and Digital Processing
For Legendary Orban Sound

Pristine Processing for FM and Digital Media

Orban’s flagship OPTIMOD-FM 8700i features versatile five-band and two-band processing for both analog FM and digital media. Its clear, punchy sound can level the playing field between analog FM and its aggressive digital-only competitors.

The OPTIMOD-FM/HD 8600SI delivers exceptionally consistent sound to help you create a unique signature sound for your station. The Optimod-FM 8600SI, Optimod-FM 5700i and Optimod-FM 5500i have the tools you need to forge a powerful sound that will grab more listeners and boost your bottom line—in a compact, 1U package.

For more information on these great processors, give us a call or visit BSWUSA.com.

- Makes FM analog broadcasts more competitive with the cleanliness, punch and open high frequencies of digital media
- Digital output for streaming, netcasting, digital satellite or cable radio
- Stereo enhancement, equalization, AGC, multiband compression
- Low-IM peak limiting, stereo encoding, composite limiting
- More than 20 excellent sounding, format specific factory presets
- Easily customize presets with one-knob LESS-MORE control
- Improved peak limiter technology decreases distortion
- Full-featured RBS/RBDS generator, Ethernet connectivity

OPTIMOD 8700i • NOW ALSO AVAILABLE IN A LIGHT VERSION – 8700i LT

8700ILT FM/HD audio processor lite $11,990.00 $11,090.75
8700I FM/HD digital processor $14,990.00 $13,865.75
8600SI FM/HD digital processor $9,990.00 $9,240.75
5700I FM/HD digital processor $5,390.00 $4,985.75
5500I FM/HD digital processor $3,990.00 $3,690.75

www.orban.com
www.bswusa.com

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www.bswusa.com • 800/periodcentered.cap426/periodcentered.cap8434 • BSWUSA.COM • INFO/at.capBSWUSA.COM
Orban's Energy-Saving AM Processing

The Revolutionary AM Processor That Pays For Itself

The end result of more than five years of research by audio processing pioneer Bob Orban, the XPN-AM employs a psychoacoustic model to maximize the reach and intelligibility of AM/MW/SW transmissions while lowering distortion and reducing listening fatigue.

Compared to other AM processors, the XPN-AM generates significantly greater density with lower distortion to greatly reduce power consumption with Modulation Dependent Carrier Level (MDCL) equipped transmitters. It can cut your power bill by up to 20%, making it the world’s first processor that will actually pay for itself. It also offers unprecedented AM sound quality – loud, clean, crisp, and virtually distortion-free.

The XPN-AM boasts a custom processing algorithm that can run on multiple platforms and employs Orban’s celebrated MX limiter to lower distortion, increase transient punch and improve high frequency power handling capability.

- Next-generation AM processing
- More loudness with less distortion
- Psychoacoustic model maximizes reach and intelligibility while reducing listener fatigue
- MX limiter increases transient punch and improves high-frequency power handling capability
- Delivers up to 20% power savings when using MDCL
- AMC 3 dB dynamic carrier power control
- Suitable for long wave, medium wave, and shortwave (HF) AM broadcasts
- Cuts through today’s high RF noise environments, maximizing coverage
- Mono/stereo analog AM processing and HD Radio/netcast processing with built-in diversity delay and delay ramping
- Versatile transmitter equalizer can tune out 1B and ringing in transmission systems

Call, or visit our website for full specs
XPN-AM-ND AM Processor $9,249.08
XPN-AM-ND-HD AM/HD Processor $11,090.75

High-Quality AM Processor

Orban’s all-digital 9100 Optimod-AM audio processor offers the highest possible audio quality in monophonic AM shortwave, medium wave and long wave broadcasts. It delivers louder, clearer, brighter, FM-like audio with an open, fatigue-free quality that keeps listeners coming back for more. Its digital signal processing boasts cleanliness, quality and stability that is unmatched by analog processors and its one-knob LESS-MORE control lets you customize its comprehensive factory presets easily.

- Five-band limiter with distortion-canceling clipper
- Balanced stereo analog inputs
- Two monaural analog outputs with independent level control
- AES3 digital input and output
- Eight optically isolated GPI inputs for contact closure remote control
- RS232 serial connector for computer control
- Ethernet connector facilitates network control

9100OPTIMOD $4,578.75

Call BSW to Schedule an XPN-AM Demo TODAY!

Orban’s XPN-AM processor makes GREAT AM!

“I don't know what magic Bob Orban developed for AM processing, but it IS magical.”

BSW Customer, Tom Read
Owner, ACN, KTBI, KTRW, KYAK

Call BSW for your best ORBAN price 1-800-426-8434 • www.BSWUSA.com

Orban's Optimod 6100 is a multipurpose stereo audio processor for digital audio broadcasting boasting a 20 kHz audio bandwidth and 48 kHz internal sample rate along with a stereo enhancer, AGC, equalizer, phase-linear multiband compressor/limiter with either two or five bands, two independent stereo look-ahead peak limiters and versatile signal routing to give you high quality, flexible performance. For video applications, its CBS loudness controller can fix the volume of over-loud commercials. It provides steady processing even at low bit rates, making it ideal for HD Radio, digital satellite, and audio streaming.

- 20 kHz audio bandwidth, 48 kHz internal sample rate
- Comprehensive peak limiting, CBS Loudness Controller
- PreCode technology minimizes audible artifacts in low bitrate codecs
- Plug and play processing at low bit rates
- Multiband compressor/limiter, 3-band parametric equalizer

6100 $4,153.25
PC100E $1,655.75
1101CBXLR $101.75

*FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
Broadcast Processing

New X5 Digital FM / HD Audio Processor: Grab Your Listeners By Their Ears

Wheatstone’s X5 offers advanced Limitless technology for ultra-transparent loudness and features an innovative new system where all stages of processing are aware of each other. In the X5, the AGC, limiters, and clipper all share information and changes can be made automatically, in real-time, in ways never envisioned before.

AIRAURA X5 Dual-Path FM-HD Digital Audio Processor

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Ratings-Winning Sound from BSW & Wheatstone

Advanced FM/HD Audio Processor

- Simultaneous FM and HD processor with diversity delay
- iAGC for unprecedented audio consistency
- S-band dynamics processing, 10-band limiter and FM stereo generator
- Independent Bass management tools for each processing path (FM & HD)
- Front panel touch screen and jog wheel for quick setup
- Smart stereo enhancement for a smooth, wide listening experience
- Insert point for ratings encoders

AIRAURA-X1 FM/HD on-air broadcast processor

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Great Sound, Cost Effective, Easy-to-Use Multi-Band FM Audio Processor

- Intelligent five-band AGC (iAGC) technology with enhanced controls
- S-band dynamics processor and 5-band limiter for consistent spectral balance
- Four-band full parametric equalizer
- Variable high pass filter and voice phase rotator
- New bass processing design for competitive edge
- Precision FM stereo MPX generator with multiple mask filters
- Interfaces to the WheatNet-IP Intelligent Network so you can stream audio to and from anywhere on the network
- Front panel OLED screen for easy setup and sound adjustments

FM-SE

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

A Processor For Every Need

- Eight 5-band audio processors in 1RU
- AGC, Compression, Limiting and EQ available in each processing instance
- Perfect for Pre-Processing, talent headphones, streaming or anywhere utility processing is needed
- Can be a standalone or as part of a WheatNet-IP Intelligent Network

AIRAMP-3 Audio Processing Blade $3,929.00

Lab Grade Stereo Generator

- Dedicated 10MHz GPS clock input
- Highly oversampled composite clipper
- Exclusive stereo multipath controller technology for enhanced stereo reception
- Wheatstone® baseband162 built-in for composite AES link to transmitter
- AES3 digital input accepts 32kHz - 96kHz
- Precision FM stereo MPX generator with pilot and SCA protection filters

SG-192 Stereo Generator

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Perfect Your On-Air & Mic Sound with BSW & Wheatstone

M44: Mic Audio Anywhere In Your Facility

The M44-IP USB Microphone Processor BLADE combines four high-quality microphone preamps, four channels of parallel embedded microphone processing, four independent USB ports, and a WheatNet-IP BLADE interface, allowing you to place four microphone inputs anywhere in your WheatNet-IP Intelligent Network (although it also works just fine as a standalone processor). The preamps and processors are accessed and controlled from any point on the network via its Windows-based GUI. The M44 also has the complete set of BLADE-4 features (see page 47).

M4: Interface $4,995.00

M4-IPUSB $4,499.00

M44IP-USB $3,499.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

M1: Classic Microphone Processor

- Front panel controls for traditional users
- Compression, de-esser, expansion and equalization
- PC-based GUI can lock out front panel
- Wheatstone® SQ (Super-Quiet) Mic Preamp

VORIS1-M1 $899.00

*See the video at bswusa.com/VORIS M-1

M2: Precision 2 Channel Multiband Mic Processing!

- Talent preset recall at the touch of a button
- 3-band processing for consistent tonal balance host to host
- Lookahead limiting prevents overload
- PC-based GUI gives the user full control

VORIS2-M2 $1,659.00

*See the video at bswusa.com/VORIS M-1


NOBODY CAN BEAT BSW’S PRICING ON WHEATSTONE 1 800.426.8434

Lab Grade Composite AES Generator

- Wheatstone® baseband192 built in for composite AES3 digital input accepts 32kHz - 96kHz
- Exclusive stereo multipath controller technology for enhanced stereo reception
- Wheatstone® baseband162 built-in for composite AES link to transmitter
- AES3 digital input accepts 32kHz - 96kHz
- Precision FM stereo MPX generator with pilot and SCA protection filters

SG-192 Stereo Generator

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Dual-Path FM HD Digital Audio Processor

- Baseband192 composite AES connectivity
- LiveLogger keeps a running diary of everything happening on your X5
- Baseband162 composite AES connectivity

AIRAURA-X5

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

CALL BSW FOR BEST PRICE! 800.426.8434

TALK CAN MAKE THINGS CHEAPER. CALL BSW FOR BEST PRICE! 800.426.8434

*FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
Racking Up A New Processor

by Jeff Keith, CPBE, NCE Senior Product Development Engineer

So, you’ve ordered your new Wheatstone FM processor. Great choice! While you wait and before you rack up that new unit, here are a few air chain ‘gotchas’ that you’ll want to check.

1. Make sure your air chain has adequate headroom. The recommended practice for setting input levels on digital audio gear is -20 dBFS average, -12 dBFS peak, which provides about 20 dB of headroom before 0 dBFS is reached and you’re out of bits. This is especially important given today’s overly processed source material. Operating your air chain with sufficient headroom gives that new on air processor the very best chance to deliver its awesome sound to your listener’s radios.

2. Remove any unnecessary or redundant gear from the air chain and avoid using lossy codecs wherever possible. The cleanest sounding FM air chain is always the one with the fewest pieces of gear in the audio path. Extra devices that are there for no particular reason other than someone forgot to take them out of the air chain ten years ago should be removed.

3. Explore your air chain’s audio performance. Expensive audio test equipment isn’t required. Some of my favorite quick-to-use audio tools are software programs written by a German fellow, Sebastian Dunst (Google ‘Sebastian Dunst audio’). His Multitone audio generator and AudioAnalyzer can work together to give you a good picture of your air chain’s overall health. The audio files that Multitone generates can be played via your playlist system which allows you to test the entire air chain, not just part of it.

There are two goals for the audio tests: how flat the audio frequency response is and how much distortion is being added by the gear that’s between the playlist system and the on air processor. I’ve written a short tutorial, Quick Archin Audio Testing on how to use Sebastian’s tools to test your air chain. You can find on our Wheatstone website under the White Papers portion of the Support and Downloads section.

4. Check your FM/HD alignment. One item worth considering for the air chain is an HD/FM diversity delay correction box to ensure your HD and FM signals remain perfectly aligned. Better yet is Wheatstone’s AirAura X5 FM/HD processor which includes not only the FM diversity delay, but also a built in FM/HD tuner and an automatic time alignment correction algorithm which holds FM/HD alignment within one digital sample.

5. Optimize STL paths. It’s not always possible to have a codec-free linear STL path, but if you’ve given a choice, do so. You also will get better results with a composite rather than a discreet AES left and right STL, especially if that STL can transmit a composite signal in a digital format such as Wheatstone’s Baseband192. Every opportunity to remove unnecessary conversions to and from the analog and digital domains will enhance overall audio quality.

6. Test program content. Before actually putting your processor on the air, set it up on the bench and throw some of your program content at it to see how it and its controls behave. In fact, it’s a low power FM exciter is available you can set up a mini FM station and compare your new on air processor’s sound to your existing setup (and your competitors, too, by the way). Another good thing about this setup is that it’s often possible to create a few good presets to start with once the new processor is on the air. Consider the ‘live bench test’ not only important, but also getting a jump start on your new and greatly improved on-air sound.

For more information about Broadcast Processing, visit www.broadcast-processing.com.

RackPack Monitoring Solutions

Inovonics INOmini RackPack bundles let you choose from a wide selection of INOmini or haRFack monitoring options and combine them for a customized solution at a great price. Get your choice of three INOmini 1/3-rack sized units, two 1/2-rack sized units or any combination of one INOmini with one 1/2-rack size unit. They come mounted in a 1/2 rack shell with one power supply, jumper power cables and a blanking panel (when needed). Call BSW for configuration options.

Grab Listeners with Inovonics and BSW

Talk can make things cheaper.
Call BSW for best price! 800.426.8434

Comprehensive Confidence Monitoring and More

Inovonics new INOmini DPP-based radio monitor/receivers offer plenty of advanced features in a small footprint. The D74 works as a confidence monitor with alarm for AM broadcasts. The D73 monitors standard FM broadcasts and can also work as a retransmit receive in FM translator service. The D71 receives NOAA weather information and alerts. The D79 monitors both analog FM and digital HD1-HD8 radio channels and delivers a high-quality audio feed for retransmit or program distribution throughout the broadcast facility. It also displays FM RDS and HD Radio PHD data. The D61 provides air-towire air acceptance of all standard DAB and DAB+ broadcasts.

• Sensitive, small footprint DSP-based receivers
• Flashing red front panel alarms and rear panel tallys indicate Audio Loss and other issues
• Balanced analog and AES-digital program line outputs are available simultaneously with independent level adjustment
• Front panel mini USB port allows quick uploading of firmware updates when issued

565 INOmini FM SiteStreamer+ List $890.00
566 INOmini AM SiteStreamer+ List $820.00
568 INOmini HD Radio SiteStreamer+ List $950.00
674 INOmini AM Broadcast Receiver List $649.00
675 INOmini FM RDS Receiver List $649.00
676 INOmini NOAA Weather Receiver List $649.00
679 INOmini HD FM Radio Receiver List $1,495.00
661-DAB INOmini DAB Plus Receiver List $1,495.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434!

Advanced Dynamic RDS Encoder

The Inovonics 712 has what you need for an engaging and dynamic RDS presence. It connects with virtually any playlist system, broadcasting station type, artist information, status data and much more to listener radios. Incorporating the latest RDS technology, it features a built-in webserver for real-time control and monitoring of all parameters, and boasts a vivid LED display with easy-to-navigate menus.

• Separate RDS and MPX-FM RDS outputs for sidetone/loop through
• Assignable GPOs (2-in, 2-out)
• Email Alarms for pilot loss and DPS/RT not updating
• UDP multicast support

712 RDS encoder List $2,390.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434!

For more information about Broadcast Processing and RDS, visit www.broadcast-processing.com or www.broadcast-ds.com.

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
Updated, Comprehensive FM or HD Audio Processing

The Inovonics 719 DAVID-IV offers comprehensive audio processing, including gain-riding AGC, 5 bands of dynamics compression and equalization, stereo enhancement and sub-bass augmentation, as well as Inovonics’ patented PIPP limiter.

- AES3 digital input and outputs (XLR), accepting up to 192 kHz sampling rates
- Left/Right analog inputs and outputs (XLR)
- Low-bass enhancements with independent Rumble and Punch adjustments
- Adjustable gain-riding windowed AGC with intelligent gating
- Five bands of adjustable dynamic range compression
- Five bands of graphic-EQ adjustment and adjustable band crossovers

71901 Web Enabled. Intuitive menu-driven IP interface for remote access & control

List $3,150.00
71901 $2,835.00

Innovative Novia Broadcast Processors

The Novia series from Inovonics features three cutting-edge digital audio processors. The Novia 262, designed for FM and stereo production, offers analog, AES and streaming I/O with wideband and FM processing. The Novia 272 handles FM stereo generation and RDS with analog/AES streaming in and MPS/streaming out. The Novia 236 is an AM processor sporting analog, AES and streaming I/O. All give your easy setup and control via PC, tablet or smartphone.

- Gated and windowed gain-riding AGC
- Three bands of dynamic compression with selectable crossovers
- Four sections of parametric EQ plus effective Bass Punch feature
- Adjustable syllabic leveling

NOVIA
Stereo processor 262
List $1,600.00
$1,440.00

NOVIA-FM
FM processor 272
List $2,200.00
$1,980.00

NOVIA-AM
AM processor 236
List $2,100.00
$1,890.00

223-INOMINI
Mini multimode audio processor
List $990.00
$891.00

Powerful HD Radio Alignment/Delay Processor

Inovonics’ JUSTIN 808 maintains time alignment between analog FM and HD1 channels to within 23 microseconds (±1 sample). No more lost words, stuttering, echoes, or level shifts. The entire sync process is 100% automatic. It uses your actual off-air signal and powerful auto-correlation algorithms to keep analog and digital modes faultlessly in step 24/7.

- Automatic phase correction and RMS gain leveling
- Insert in either the FM or HD Radio AES digital feed
- Full Web interface for remote control, metering and more
- SMS/email alarms for loss of signal and loss of audio
- Extensive data logging with graphic display

JUSTIN-808
List $3,600.00
$3,240.00

It’s a SiteStreamer PLUS.

The new SOFIA 568 HD Radio SiteStreamer® takes it up a notch combining remote off-air monitoring with a host of features to ensure that you are the first to know when there is a problem. You’ve got the tool to listen to the off-air programming and confirm that Artist Experience graphics are displaying correctly.

- Internet listening stream for up to 10 listeners
- Displays HD Radio Artist Experience graphics and station graphics on Web interface
- Adjustable Audio Outputs in L/R Analog, AES digital, and Dante AES67 AoIP
- Monitor multiple transmissions sequentially with StationRotation™
- Alarms & notifications sent via email or SMS messaging
- Remotely monitor fulltime off-air FM and HD Radio signals
- Easy set up and operation; full SNMP support

WHY INOVONICS?

- Quality Solutions. Competitive Prices.
- Quick to install. Easy to Program
- Three-year Factory Warranty.
- Quality after sales service.

Call your favorite BSW representative for the best INOVONICS prices! 1-800-426-8434
### Misheard Lyrics

“Got a moose, got a moose, can you do the fandango?”

Make misheard lyrics a thing of the past. Process with Omnia.

### Versatile VOLT Audio Processor

The Omnia VOLT from the Telos Alliance offers incredible processing power for louder, cleaner and more dynamic sound in a compact, single rack unit. It features six separate AGC sections (one wide-band, five multiband), five time-aligned limiter sections, deep bass, stereo enhancers and unrivaled factory presets. Call or visit our website for more info.

<table>
<thead>
<tr>
<th>Processor Type</th>
<th>Description</th>
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<tr>
<td>VOLT FM</td>
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<td>VOLT HD-PRO</td>
<td>HD/DMB processor</td>
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<td>$3,326.00</td>
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### OMNIA.11 Market Dominating Sound

Flagship Class FM Processing for the Most Competitive Broadcasters on the Planet. You hear the music. You hear the voice. You don’t hear the processor. Includes two mode Frank Foti designed “Pepino Clipper” to take G-Force Dynamics to the edge and preserve brightness at aggressive clipping levels, Solar Plexus for tight, deep low end, and presets that take advantage of all the latest updates.

- Intelligent wideband AGC
- Refined dynamically flat and time aligned crossovers
- Dual-topology multiband AGC/Compressor/Limiters
- Ultra-LowD multiband limiter system with smart gain-reduction technology
- Bass Management for natural, powerful, undistorted low end

### Powerfull On-Air Processors for Crafting Your Signature Sound

No matter what tools your sound needs, Omnia has you covered. The powerful Omnia.9 provides quicktweak system makes tuning processing simple.

**OMNIA.9**

- *Prices too low to advertise. Call BSW for the lowest price*

**OMNIA8**

- *QuickTweak system makes tuning processing simple*
- *Sensus processing optimizes digital program streams*
- *New Version 2.0 firmware with fresh new presets and features*
- *DSP|Core firmware module system let’s you switch between VOLT FM, VOLT AM, VOLT HD PRO and VOLT SG*
- *New-generation clipper designed by processing legend Frank Foti*
- *DSPA Core firmware module system let’s you switch between VOLT FM, VOLT AM, VOLT HD PRO and VOLT SG*
- *New Generation clipper designed by processing legend Frank Foti*
- *DSPA Core firmware module system let’s you switch between VOLT FM, VOLT AM, VOLT HD PRO and VOLT SG*
- *New Generation clipper designed by processing legend Frank Foti*
In these times of isolation, people crave connection. BSW has the gear and the know-how to help you connect with your audience across all of today’s platforms. For the highest quality audio and video, over the Air and over the Web, just give us a call.

1-800-426-8434

Buy Wheatstone from its Largest Dealer: BSW

WheatNet-IP is a network system that utilizes Internet Protocol to enable audio to be intelligently distributed to devices across scalable networks. It enables all audio sources to be available to all devices (such as mixing consoles, control surfaces, software controllers, automation devices, etc) and controlled from any and all devices. WheatNet-IP is AES67 compatible, yet is unique in that it represents an entire end-to-end solution, complete with audio transport, full control, and a toolset to enable exceptionally intelligent deployment and operation.

1. Choose Your Consoles

LXE Console

LXE radio console is a flexible, fully customizable control interface. You can program virtually every switch and rotary control to perform any desired function. This means that as your studio changes, you can adapt the console to your changing needs, pretty much, forever.

LXE is the first radio console that gives you the power to program the entire surface! All knobs and buttons can be assigned whatever function you need. Of course, we’ll pre-configure it any way you want, but you can always change it yourself using our new ConsoleBuilder software.

Each module has full color OLEDs that will reflect the function of your setup. Plus, there’s an all-new touchscreen GUI that comes with ScreenBuilder-LXE. The GUI can have up to 32 physical motorized faders, with full DSP processing available on all 32 channels.

Surface(s) interface seamlessly into the WheatNet-IP intelligent Network, and utilize BLADEs for audio, control and associated logic data flowing on single CAT6s interconnecting cables. The system can ingest and convert virtually all audio formats: analog, microphone, AES/EBU, SPDE, AoIP, MADI, SDI and even AES67. Loudness metering, phase control, and full E/Dynamics are included.

LXE Board Configurations (See BSWUSA.COM for More)

- LXE-21T: tabletop with 8 input modules, 3 monitor modules and more
- LXE-171T: tabletop with 12 input modules, 3 monitor modules and more
- LXE-2116T: tabletop with 16 input modules, 3 pairs of program meters and more
- LXE-2116T: tabletop with 16 input modules, 4 pairs of program meters and more
- LXE-3216T: tabletop with 16 input modules, 5 pairs of program meters and more

Customizable LXE Frames (See BSWUSA.COM for More)

- Wedge and tabletop frames you can customize with modules and BLADEs
- LXE-139: 13-position wedge frame
- LXE-339: 33-position wedge frame
- LXE-21T: 21-position tabletop frame

GLASS LXE Virtual Console

Virtualization just got a lot more real with the introduction of Wheatstone’s Glass LXE virtual console for its popular WheatNet-IP audio network.

Glass LXE is a multi-touch UI that operates as a standalone virtual console into the WheatNet-IP audio network, a complete IP audio ecosystem of consoles, talent stations, I/O units, accessories and IP phone and codec distribution appliances. Similar in function, feel and layout to the network’s flagship LXE hardware control surface, Glass LXE is fully functional and studio-ready as a user interface with familiar buttons, knobs and multi-touch navigation and menus for setting EQ curves, filtering and other custom settings.

Glass LXE works with the IP-88LXE mix engine to handle the physical allocation of logic, program buses, mix-minus and monitor outputs.

GLASS LXE - Virtual LXE Console Software (engine sold separately) $3000* 

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
E-6 Console
The E-6 digital mixing console control surface embodies a robust feature set for complex on-air or production application to bring maximum control to minimum space with exceptionally intuitive operation.
- Touchpad and VGA monitor
- 4 stereo mix buses
- 4 mono-minus buses
- 4 AUX buses and 8 character fader displays
- Bus-minus on all faders with talkback
- Optional EQ/Dynamics on every channel
- Split headphone feed
- 100 presets and user login with privilege settings
- Meter bridge uses a standard VGA monitor, which also displays surface information such as EQ/Dynamics, panning information and AUX bus settings
- Available in 4, 8, 12, 16, 20 or 24 fader configurations

L-12/L-8 Consoles
The L-8 and L-12 are low-profile, completely modular tabletop digital mixing console control surfaces that are scaled for voiceover or news production. They offer assignable sources to any fader with hot-swappable individual fader modules.
- Four stereo output buses
- Stereo cue bus
- Individual Bus-Minus
- OLED source name display
- A/B source selector
- Programmable soft buttons
- SET button gives access to assignable controls in the master section
- Control room and headphone outputs
- Control and source selection
- Independent studio monitor output
- L-12 has built-in cue speaker

IP-12/IP-16 Console
The IP-12 is a 12-fader digital mixing console control surface and the IP-16 is a 16-fader version. Each input module is equipped with an LED source name display and an A/B source selector; sources can be set via a rotary encoder in the master section.
- Four program busses
- Cue and talkback switches
- Control room, studio, headphone controls
- Source selection
- Headphone jack and amplifier
- Master talkback button
- Built-in cue speaker
- Four event switches
- Six programmable buttons
- Onboard timer

GSX Console
A new sister console to Wheatstone’s flagship LXE control surface, the GSX has been specially scaled for the modern broadcast studio. GSX integrates with the WheatNet IP Blade-4 audio network, a complete AES67 compatible network system with end-to-end audio transport, logic control, and an audio desktop at every I/O point in the network to enable exceptionally intelligent deployment and operation. The GSX is a user-configurable 12 or 24-channel surface with soft switches and controls. Like the LXE, this control surface for the WheatNet IP audio network features the following functions and options:
- ConsoleBuilder™ UI for programming the hardware surface
- Optional ScreenBuilder™ UI for creating custom touchscreens
- On-board full color OLED displays
- Optional Remote GSX client software
- Tap-through graphic menus for setting parameters, triggering presets, storing snapshots of events, and monitoring signals
- Other options will be available for adding functionality to the GSX going forward

GSX...Ready To Fly
Cost Effective – The power of LXE, trimmed down, ready to go
Turnkey – Preconfigured buttons, knobs & faders
Options – Add ScreenBuilder, ConsoleBuilder, Layers, Automix, & more

wheatstone.com/gsx-bsw21
45
LXE...Make it Your Own

Control Surface(s) Automation, Etc

48 channels of logic control for whatever you need, wherever it is.

Monitors

Wheatstone LX_24

Audioarts IP-12/16

Partners

CD/DVD/MP3 Players

Control Room

Analog or Analog/Digital I/O BLADES

Managed Gigabit Ethernet Switch

Wheatstone E-6/E-4

Audioarts IP-12/16

Audio to/from Bridge-TDM Systems or Network Feeds

Program Feeds

To/From Other Studios

Remotes

Technology

Digital I/O BLADES

Wheatstone E-6/E-4

Audioarts IP-12/16

Studio Monitors

Managed Gigabit

Talent Station

Wheatstone TS-4

Audioarts IP-12/16

M4-IP 4-Channel Mic Processing BLADES

MADI BLADES

Hybrids/Codecs

HD Feeds

Vorsis Ultra High Resolution Processing

8-channel audio processing anywhere on network

Partners

Low Latency

Mic Controller

and Spectral Control

Remote Feed

Sweetening Incoming

STL Pre-Processing and Low Latency Processing

Remotes

HD Streams

Wheatstone AirAura X3

Console Audio BLADE(s)

On-Air

Newsroom Feeds

Commercials and anywhere in your network from one rack space!

Wheatstone FM-531HD

Console Audio BLADE(s)

On-Air

Newsroom Feeds

Commercials and anywhere in your network from one rack space!

Wheatstone FM-531HD

Control Surface(s) Automation, Etc

48 channels of logic control for whatever you need, wherever it is.

Audio to/from Bridge-TDM Systems or I/O BLADES

Specialty BLADES

HD Feeds

Vorsis Ultra High Resolution Processing

8-channel audio processing anywhere on network

Partners

Low Latency

Mic Controller

and Spectral Control

Remote Feed

Sweetening Incoming

STL Pre-Processing and Low Latency Processing

Remotes

Technology

Digital I/O BLADES

Wheatstone E-6/E-4

Audioarts IP-12/16

Studio Monitors

Managed Gigabit

Talent Station

Wheatstone TS-4

Audioarts IP-12/16

M4-IP USB

AURA8-IP 8-Channel Processing BLADES

Included with LXE, LX-24, E-6

CONSOLE AUDIO BLADE

Features: V5, 8 inputs included with L-1, L-2, L-8, E-1, IP-12, IP-16

BLADE 4: Evolved Intelligence

Completely compatible with existing BLADE 3 network systems, the 1RU BLADE 4 includes:

• Selectable AAC, Opus and MP3 codecs targeting high to low bit rates
• Support for Session Initialization Protocol (SIP), critical for transporting encoded audio between physically separated Wheatstone IP audio networking facilities
• Internal CPU with boot-in OS for running customized scripts and client automation software, metering apps and virtual interfaces; separate PC not needed
• HDMI connectivity for touchscreen or monitor viewing
• AES67 compliance, from 125 ms to 5 ms packets, with IEEE 1588 PTPv2 master clock and slave for interoperability with other AES67 devices and networks
• Support for SMPTE ST 2110, including discovery standard NMOS for next generation television
• 11.1 inch wide full color LCD front panel display
• Optional dual Ethernet ports for redundancy
• Additional options will be available going forward for adding functionality to the BLADE-4

BLADE 3: Intelligent Interface Modules

When Wheatstone invented modern radio audio networking, they vowed to build the first truly intelligent IP audio system. One where every interface held the DNA of the entire system for recovery. A system with true Gigabit connectivity. One that required only a single CAT-5 cable to interface any network piece - to carry audio AND control information. A system that could actually be up-24/7/365 and handle everything you need, yet so simple to interface as to be virtually foolproof. It’s only gotten better with time...

BLADE-3 Interfaces (all are 1RU tall):

I/O Blades:

IP4-1A

I/O router with 8-in stereo analog I/O (16 mono)

IPM-3D

I/O router with 8-in/16-out AES-3 digital I/O

IPM-3AD

I/O router with 8x8 stereo analog, AES-3 digital I/O

IPM-3B

I/O Mix: BLADE router with 16 XLR mic inputs

Processing Blades:

AURA-IP 8-CHANNEL

Aurora-I5 - eight channels of Vorsis processing

Four-channel mic processor with USB

Specialty Blades:

MIXER/BLADE 3

LUT-48:

32 universal logic ports

IPM-SDI 3

SDI audio de-embedder/4x4 SDI/SDI input ports

Mix Engine Blades:

MIX ENGINE BLADE

Included with LXE, LX-24, E-6

CONSOLE AUDIO BLADE

Features: V5, 8 inputs included with L-1, L-2, L-8, E-1, IP-12, IP-16

INTRODUCING BLADE-4

NEW!

Call BSW for Special Wheatstone Pricing!

800.426.8434

wheatstone.com/lxe-bsw21

BROADCAST CONSOLES
Audioarts' DMX consoles feature full compatibility with WheatNet-IP and BLADES to deliver ultra-flexible AoIP networking and expansion. The included Audioarts Mix Engine sports balanced XLR mic preamp inputs and RJ45 connectors for all other audio, logic and network connections. With full AES67 compatibility:

- Standalone/networkable production or on-air console with local or remote I/O
- 8 (DMX-8) and 16 (DMX-16) input faders
- Audioarts Mix Engine: 3 mic inputs on XLRs, 4 analog I/O, 4 digital I/O, and 2 analog mic outputs on RJ-45s
- 5-port gigabit Ethernet switch built into Mix Engine
- WheatNet-IP — any source to any fader
- 4 program output busses
- 4 event buttons for recalling entire console setups
- Full EQ functions on each channel
- Talkback and cue functions; 6 logic GP I/O ports for network control
- Optional BLADE interfaces (page 15) can expand system I/O functionality

**DMX-8**
List $6,500.00

**DMX-16**
List $10,000.00

**AA-MIX-ENGINE**
INCLUDED WITH DMX

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Audioarts TS-1 Talent Station

The Audioarts TS-1 is a tough, compact countertop unit that utilizes a USB-powered high-gain headphone amplifier that multiplies voltage and current to provide GREAT, LOUD sound to headphones of any impedance. It features 1/4” and mini stereo output jacks, two panel switches with internal LEDs, a power light and a level control. There’s a LOGIC input that lets you to use the two front panel switches for TB, COUGH and other functions. INPUT and OUTPUT connectors follow standard Studio Hub RJ45 analog audio pinouts. The OUTPUT feed allows you to daisy-chain the unit’s source audio to other devices. Wiring is through cutouts in the bottom of the unit.

**TS-1-TALENT**
List $229.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Audioarts HS-1 Headphone Station

The Audioarts HS-1 is a tiny (2.3/4” by 3.3/8”) headphone station designed for broadcast use. It can be used as a free-standing countertop unit or optionally mounted under a desk. Performance is clean, quiet and powerful, with wide dynamic range and ruler flat frequency response. It’s got a 1/4” output: phone jack, power LED and level control. An internal 4.43V gain switch lets you match a wide range of input types. Rear connectors include dual RJ45 parallel inputs and 5VDC power in that, like the TS-1, multiplies voltage and current to provide GREAT, LOUD sound to headphones of any impedance.

**HS-1-HDPR**
List $179.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
Lightning...Analog/Digital Hybrid

**Analog** – The operation you know and love  
**Digital** – USB, Bluetooth, & AES for digital sources/destinations  
**Phones** – Two-phone module for trouble-free remotes & call-ins

---

**Affordable, Reliable Audioarts Consoles**

**Live Radio Hybrid Analog/Digital Mixer with Bluetooth, USB, and AES**

Audioarts' Lightning is a standalone, mid-sized analog console offering 12- and 16-channel configurations with USB and Bluetooth connectivity for extra versatility. It's ideal for studios that have mostly mic or analog source inputs and where a lot of studio routing isn't required. A patchable AES input lets you connect a digital source to any fader, and it boasts built-in A/D conversion for the main program output.

- 12- or 16-channel tabletop configurations with flexible modular design
- 4 mic preamps, 4 stereo program buses, 2 auto mix-minus for call-ins
- USB and Bluetooth connectivity for playing audio directly from a PC
- Patchable AES input lets you connect a digital source to any fader
- Built-in A/D conversion for the main program output

---

**Budget-Friendly Console with USB**

The compact Audioarts AIR-1 eight-channel console has everything you need for on-air, production, news applications, podcasts or remote applications at a great price. It features a bidirectional USB audio port for convenient interfacing to computers and internet broadcasters.

- 12 stereo input fader channels
- Remote START logic for each fader
- 13th phone caller fader w/ PGM and auto mix-minus to caller
- Two program buses with balanced outputs (switchable stereo or mono mode)
- Four mic preamps
- Studio output with independent source selection and CR to studio TB button
- External input feeds the monitor section (for live or per-delay air monitoring)
- USB connection
- 4x4 connectors for low-cost wiring

---

**8-Channel On-Air Console, Perfect for Professional Podcasts**

- Great for LPFM, podcasts, web streaming or remote applications
- USB bidirectional audio port for easy interfacing to computers/automation
- Stereo mixing bus, balanced or unbalanced
- Dual, super-quiet, high-performance microphone preamps

---

**Top Functionality in a Compact Console**

The Audioarts AIR-4 radio console delivers superb broadcast quality and an extensive feature set at a great price. Boasting four built-in microphone preamps, 12 input faders (w/ AES source select), a 13th fader for call-ins, external machine control, two program busses, built-in cue speaker and CR, headphone and studio monitoring control as well as patchable USB connectivity for PC news, production workstations or streaming audio, the AIR-4 is the ideal console for local radio stations and internet broadcasters.

- 12 stereo input fader channels
- Remote START logic for each fader
- 13th phone caller fader w/TB and auto mix-minus to caller
- Two program busses with balanced outputs (switchable stereo or mono mode)
- Four mic preamps
- Studio output with independent source selection and CR to studio TB button
- External input feeds the monitor section (for live or per-delay air monitoring)
- USB connection
- 4x4 connectors for low-cost wiring

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*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
For more than 35 years, Arrakis Systems has led the way with groundbreaking innovations in cost effective, reliable radio consoles... including USB, Bluetooth, world standard DANTE IP connectivity for all consoles and now the DARC series AoIP consoles.

**High-Performance Bluetooth-Enabled Consoles**

Arrakis offers two innovative consoles, the 10-channel ARC-10BP-blue and the 15-channel ARC-15BP-blue, both featuring ultra-convenient Bluetooth connectivity. Just pair your cell phone to the console, and answer your incoming calls with the built-in Call button on the board. You can then end the call with the Drop button.

- Two stereo Program output mixes (with mono mixdowns)
- 10 (10BP) or 15 (15BP) input source channels
- 1 channel of Bluetooth capability
- 2 (10BP) or 5 (15BP) high performance balanced mic channels
- 1 phone input channel for telephone interface (hybrid required)
- PC computer sound card channel for Play and Record
- Headphone system with stereo amp for 8 ohm (or Hi-Z) headphones

**News Talk Console with Bluetooth Phone Channels**

The revolutionary Arrakis ARC-Talk-Blue radio console features five mic, one USB and two Bluetooth phone channels, making it a great choice for news talk applications. Compact yet rugged, it’s also ideal for remote broadcasts and production studios. The ARC-X Blue’s lone Bluetooth channel lets you connect to any Bluetooth enabled device. The ARC-X is a versatile, affordable console.

- Eight input channels: five XLR mic, one USB, two Bluetooth
- High performance mic preamps
- Stereo output bus
- LED illuminated switch lamps
- Connect your phone using the Bluetooth channels
- Connect your tablet wirelessly to play audio over the air
- Play audio from your USB device directly through the board
- Play and record in digital with Windows PC or Mac
- Record audio from your board using any 3rd party software
- Active balanced RJ-45 and unbalanced RCA

**Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.**

See the video athttps://www.arkaisys.com/ARC10BP
Consoles with Flexible I/O Configurations

The Arrakis MARC-15 modular analog console is a single 15-channel mainframe with a wide variety of optional module configurations. All switches are LED illuminated and all C3s are socketed (not surface mount) for reliability. The meter panel brings up and back for access to I/O connectors and trim pots. All I/Os is by 849 connectors (twelve foot wiring is supplied with 849 at one end). The meter panel contains meters for all three buses, a digital timer, and a built-in cue/talkback speaker. Digilink-Xtreme Radio Station software is included.

The 6-12 and 15-channel mainframe models can be configured with your choice of modules. There can be a maximum of one PC USB module, two Phone modules, and one Studio Monitor module per mainframe. Any number of mic or stereo line modules can be added. Available modules include: Mic Module, Stereo Line Module, PC USB Module, Phone Module and Studio Monitor Module. Call or email BSW for full information.

Intuitive Audio Console and Virtual Software Consoles

Arakis' DARC, along with a Windows computer, offers smooth intuitive operation. Select your inputs and outputs via the DARC Virtual Console software (license included) or swap assignments via programmable buttons on the DARC Surface.

• Programmable inputs and outputs, mic, stereo line and phone channels
• High contrast, long life OLED display, LED illuminated switches
• DARC Virtual software works with any Windows-based hardware and automatically reconfigures channels, controls, any I/O on your LAN
• DARC Virtual software works with Windows PC, not included

Easy Networking with AEQ and BSW

Bravo Console is Long on Features and Short on Price

A great addition to any small or medium sized station! The AEQ BRWID 12-channel analog mixing console has all the features for any station format, including balanced 4 mic/line channels, 8 stereo line level channels, built-in dual telephone hybrids and talkback microphone. Cue speakers and I/O meters are mounted on an adjustable viewing angle metering bridge.

• 4 balanced mic / line channels
• 8 stereo line channels
• 2 telephone line inputs – dual hybrids included
• 2 stereo program busses
• Stereo Cue bus with built in speakers
• Stereo monitor output with built-in 10W power amplifier
• Headphone output
• On-air signaling output

CALL BSW FOR BEST PRICE! OPERATORS ARE STANDING BY (OK, THEY'RE PROBABLY SITTING).

8-Channel Digital Console with IP Audio

The AEQ CAPITOL mixing console makes digital technology available to stations where converting to digital has not been feasible. Its flexible design allows it to be readily adapted to any ON-AIR application. Boasting essential features such as automatic monitor speaker cut-off, cough muting, fader-start, control signaling, interface signaling for automation of external equipment, external communications management, intercom and more, the CAPITOL system is made up of a control surface and a 2RU master engine.

800/426-8434 • BSWUSA.COM • INFO@BSWUSA.COM

800/426-8434 • BSWUSA.COM • INFO@BSWUSA.COM

CALL BSW FOR THE LOWEST PRICE 1-800-426-8434.

Handy dual telephone channel!

CALL BSW FOR THE LOWEST PRICE 1-800-426-8434.

CALL BSW FOR BEST PRICE! OPERATORS ARE STANDING BY (OK, THEY'RE PROBABLY SITTING).

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CALL BSW FOR BEST PRICE! OPERATORS ARE STANDING BY (OK, THEY'RE PROBABLY SITTING).

800/426-8434 • BSWUSA.COM • INFO@BSWUSA.COM
The ability to produce high-quality remote production without the need for deep technical know-how has never been more crucial for broadcasters. Telos Alliance continues to deliver the codecs you need to do just that with the Telos Zephyr® iPort PLUS Multi-Codec Gateway and Telos Z/IP ONE IP Codec. Both designed to function on an IP backbone for baked-in resiliency and reliability, even with challenging connections. Let us be your partner to stay on air, from anywhere.

**STAY ON AIR... FROM ANYWHERE**

**MULTI-CODEC GATEWAY**

**IP BROADCAST CODEC**

The Telos Zephyr iPort PLUS has been a reliable method of delivering flawless broadcasts to consumers and the perfect tool to acquire audio content from multiple remote locations.

Bill Jackson, KLOVE

**Telos Z/IP ONE**

We needed a solution that could handle drops in bandwidth but wouldn’t result in dropouts of our signal, latency, or the strange noises you hear when you’re using the internet. The best solution is the Telos Z/IP ONE, because it constantly analyzes and adjusts for field conditions and uses different algorithms and codecs that we can select for a stable broadcast.

Steve Neumann, WINT

**Compact Mixers for Homecasting & More**

**Flexible Desktop Mixer**

The next generation of Yellowtec’s Intellimix desktop mixer features advanced G-Touch faders for exceptional precision and smoothness, an intuitive video/even touch display, and built-in Livewire™ protocol for easy AoIP interfacing.

- Eight programmable faders for sound effects and angles.
- Wireless and wired phone connectivity with automatic mix-minus.
- New firmware offers PAUSE mode and RECORD button color-coding.

**Handy Compact Mixing Console**

Broadcast Tools' ProMix 4 is ideal for broadcast studio applications as well as remote broadcasting and podcasting. It features three mic and/or line inputs and a dedicated line input that may be switched between a balanced line input and the internal USB codec.

- Three universal microphone / monaural level input channels.
- One monaural balanced line level input.
- Balanced monaural program output with defeatable soft-clipper.

**Perfect Mixer for Podcasting, Production or Newsroom**

Respected around the globe for its live sound/production consoles, Allen & Heath now offers the compact XB14-2 with these radio-friendly tools.

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**Podcast/Broadcast Production Made Easy**

RODE's RØDECaster Pro is an all-in-one studio for easy professional-quality podcasting. It boasts an integrated mixer, a sound effects player, Bluetooth phone connectivity with echo-cancelling automatic mix-minus, onboard APHEX audio processing and a whole lot more. Call or visit our website for full details on this revolutionary podcasting solution.

- Eight programmable pads for sound effects and angles.
- Wireless and wired phone connectivity with automatic mix-minus.
- USB channel (also with mix-minus).
- Record direct to microSD card or computer via USB.
- Eight programmable pads for sound effects and angles.
- Wireless and wired phone connectivity with automatic mix-minus.
- USB channel (also with mix-minus).
- Record direct to microSD card or computer via USB.
- Supports multi-tracking.

**PROMIX-4-PKG**

- Bundle with headsets for a handy remote option. See page 109!
- Handy Compact Mixing Console
- Flexible Desktop Mixer
- Perfect Mixer for Podcasting, Production or Newsroom

**RØDECASTER-PRO** Integrated podcast production console

**BSW-RCF-CASE** BSW Series RODECaster Pro Podcast Mixer Case with empty storage

**31-1913-7-RCF** iSeries RODeCaster Pro Podcast Mixer Case, hold 2 podmics

**INTELLIMIX2**

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**XB14-2**

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**PROMIX-3**

- 3 mic/line channels; 3 mono stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**PROMIX-4**

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**PROMIX-1**

- 1 mic/line channel; 1 mono stereo channel.
- XLR main outputs with inserts.

**RØDECASTER-PRO**

- Integrated podcast production console

**BSW-RCF-CASE** BSW Series RODECaster Pro Podcast Mixer Case with empty storage

**31-1913-7-RCF** iSeries RODeCaster Pro Podcast Mixer Case, hold 2 podmics

**INTELLIMIX2**

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**XB14-2**

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**PROMIX-3**

- 3 mic/line channels; 3 mono stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.

**PROMIX-4**

- 4 mic/line channels; 4 dual source stereo channels.
- XLR main outputs with inserts.
- Variable high pass / low pass filters on mono channels.
Digital Hybrids

DH22: The dual-line digital hybrid enables users to send and receive audio from a connected POTS telephone line. Advanced DSP technology ensures maximum isolation between the send and caller audio.

- Supports two discrete connections at once
- Guests just click a button and go live
- No technical background needed to connect and transmit HD audio
- Works with commonly used browsers like Chrome, Firefox and Opera
- Audio encoded using Opus
- Supports two discrete connections at once
- Left and Right tri-color LEDs display channel status/audio level
- Balanced XLR analog and AES3 XLR digital I/O
- Ethernet port, contact closures and serial port
- Compact 1/2 U rack size
- Works with Safari for the Apple users!

DH30: This single-line digital hybrid with 24-bit digital signal processing provides a high quality interface between your telephone line and audio equipment. To ensure quality sound in studios that have open speakers and microphones, it is equipped with acoustic echo cancellation.

- DSP digital technology
- Easy to install, simple to operate
- Caller control (ducking)
- Balanced audio in and out
- Digital Hybrid with Acoustic Echo Cancellation (9500-0650)

Easy IP Audio for Guest Interviews

The Comrex Opal IP audio gateway enables guests to connect to the studio by simply clicking a link. It provides HD-quality audio from consumer-grade equipment, such as a cellphone or a computer with a microphone.

- Supports two discrete connections at once
- Guests just click a button and go live
- No technical background needed to connect and transmit HD audio
- Works with commonly used browsers like Chrome, Firefox and Opera
- Audio encoded using Opus
- Supports two discrete connections at once
- Left and Right tri-color LEDs display channel status/audio level
- Balanced XLR analog and AES3 XLR digital I/O
- Ethernet port, contact closures and serial port
- Compact 1/2 U rack size
- Works with Safari for the Apple users!

Opal makes interviews easy!

Opal makes interviews easy!

VH2: Two Line VoIP Hybrid

A dual-line hybrid, VH2 connects two VoIP lines for individual broadcast or flawless conferencing. VH2 prevents echo and distortion, and automatically adjusts caller audio to a uniform level, leaving you with a result that’s clean and clear. Plus, VH2 uses VoIP phone lines, saving you money and increasing functionality. VH2 can even connect to many VoIP PBX systems.

- Prevents echo and other artifacts
- G.722 codec support for wideband calls. Also supports G.711
- Receiver filter reduces telephone line noise

Opal

List $1,700.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Opal

List $1,400.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Easily Connect with Your Guests & Audience

www.bswusa.com

Call BSW for your best Comrex price 1-800-426-8434
**HYBRID CONTROL**
Send and Receive Audio from Analog Phone Lines or ATAs.

---

**Digital Hybrids**

**Broadcast Host™**
Broadcast Host provides connections for a microphone, headphones, mixer, sound card, telephone and your analog telephone line. An auxiliary telephone is only required to place outgoing calls. Broadcast Host features Auto-Answer/Auto Disconnect for use in IFB and monitoring applications.

**Guest Module 1™**
This little time-saver gives you call control you simply can’t get with an auxiliary telephone and a couple of switches. The Call button will flicker when a call comes in. Press this button to answer or place a call. The button will stay lit when a call is present. Guest Module 1 was designed exclusively for Broadcast Host and innkeeper 1rx.

**inkeeper 2/4™**
Squeeze two/four independent digital hybrids in a 1U rack space to extract each caller’s voice into separate channels. Each phone line has an individual send and receive control data through a web browser. RJ11/2 IP can be connected to a computer NIC card for direct control, to a switch or hub for network control, or to an ethernet port with internet access.

**inkeeper 1rx™**
This single-line hybrid provides all the connections you need for radio or television talk shows, teleconferencing, or auto-answer IFB feeds. innkeeper 1rx features Automatic Gain Control, Caller Ducking and Presence.

**Remote Control Interfaces**

**RII-IP™**
The RII-IP is a remote control interface designed for innkeeper 1rx, 2 and 4 digital hybrids. This unit contains a web server which lets you send and receive control data through a web browser. RJ11/2 IP can be connected to a computer NIC card for direct control, to a switch or hub for network control, or to an ethernet port with internet access.

---

**Let BSW Help You Find The Right Phone Gear**

**Full Duplex Telephone Audio Interface**
JK Audio’s AutoHybrid gives you simultaneous send and receive audio through analog telephone lines. A full duplex hybrid capable of 20 dB nominal trans-hybrid loss, AutoHybrid is perfect for monitoring remote locations, IFB feeds and many simple studios, conferencing and PBX telephone interface applications. This desktop unit features a passive auto-answer disconnect interface and is rackable (4-across) with the optional RA4 shelf.

**AutoHybrid**
List $240.00

**RA4 Rack shelf**
List $65.00

**Accessories:**
RA4 Rack shelf $53.00

**Desktop Digital Hybrid**
The JK Audio Universal Host easily converts your IP or PBX telephone into a professional, affordable interview station. This desktop digital hybrid provides talk show quality caller audio from most telephone systems. Simply connect between your telephone handset and the base of your telephone. The 16-bit USB audio CODEC allows stereo recording at up to 48 kHz sampling rate, with the talent voice on the left channel in full bandwidth, and the caller on the right. Play recordings from your computer directly into the phone system. The digital hybrid connects audio signals to your IP or PBX type telephone system through the telephone handset cord.

**Universal Host**
List $641.25

**Digital Hybrids**

**DH22**
16-bit technology, it delivers deep and stable hybrid null ensuring maximum expander; acoustic echo cancellation.

**DH30**
3 remote-accessible presets; auto mix-minus; adjustable compressor and expander; acoustic echo cancellation.

**DH22**
16-bit technology, it delivers deep and stable hybrid null ensuring maximum isolation between the send and caller audio.

**Digital Hybrids**

**DH20**
List $1,595.00

**DH22**
List $1,355.00

**DH23**
List $1,076.00

**HXR**
List $896.00

**HXR AEG**
List $1,076.00

**HXR AEG**
List $1,355.00

**HXR**
List $1,700.00

**DHM22**
List $1,975.00

**DHM23**
List $2,195.00

**DHM30**
List $2,320.00

**Starkey P25**
List $239.00

**HXR AEG**
List $1,076.00

**CIAR**
List $1,355.00

**Smart Telephone Autocoupler**
Broadcast Tools STA-II Plus offers a handy interface between a telephone line and your equipment. It features auto-answer and auto-disconnect as well as audio in/out control via numeric DTMF commands.

**Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.**

---

**TELEPHONE HYBRIDS**

**Intuitive Digital Hybrid**
The JK Audio Innkeeper LTD digital hybrid connects audio signals to a standard analog telephone line without the transmit/receive cross-talk common to analog hybrids. Its DSP continuously monitors both the phone line and audio signals to deliver excellent separation.

- **Auto-Answer/Auto Disconnect for use in IFB and monitoring applications**
- **Can connect to an optional JK Audio Guest Module for remote control and dialing without an auxiliary telephone**
- **Optional RA2 rackmount accessory holds two units in a 1U rack space**

**Innkeeper LTD**
List $579.50

**Innkeeper LR**
List $513.00

**Accessories:**
GUESTMODULE1 Remote control interface $195.00
RA2 Rackmount kit $65.00

*Provides sound just like any thousand dollar model*

---

**Let BSW Help You Find The Right Phone Gear**

**Starkey P25**
List $239.00

**CIAR**
List $1,355.00

**Smart Telephone Autocoupler**
Broadcast Tools STA-II Plus offers a handy interface between a telephone line and your equipment. It features auto-answer and auto-disconnect as well as audio in/out control via numeric DTMF commands.

- **Auto-answer and auto-disconnect via CPC (calling party control)**
- **PBX switches and POTS lines**
- **Front panel, plus remote line seize and drop control for manual operation.**
- **Electronic telephone hybrid**

**Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.**

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**Digital Hybrids**

**DH22**
List $1,595.00

**DH22**
List $1,706.00

**DH22**
List $1,795.00

**DH22**
List $641.25

*FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!*
QuickTap

CellTap-4C

That2

That1

Daptor Two

Daptor Three

J K Audio Telephone Taps

JK Audio has a wide range of phone taps for every need. The Daptor Three audio interface offers Bluetooth wireless as well as balanced XLR and unbalanced 3.5 mm connections to let you send and receive audio through your cell phone. The Daptor Two plugs into the headset jack of any wireless phone or notebook computer that accepts a third party headset or earpiece. Send and receive voice band audio during regular calls, or full bandwidth audio using third party codec applications.

Connect the That1 or That2 between your telephone and handset for quick access to audio. CellTap easily records audio from your cell phone. Use QuickTap between your router and the cell tower for secure and reliable call control over the internet. QuickTap also allows phone calls through your computer using your computer’s microphone and speakers.

Multi-Line Digital Hybrid

Digital hybrids connect audio signals to standard analog telephone lines without the transmit/receive crosstalk common to analog hybrids. The Digital Signal Processor (DSP) continuously monitors both the phone line and audio signals to deliver excellent separation.

• Excellent separation of send and receive audio
• 16 bit DSP technology
• Proprietary auto null algorithms

Multi-Studio VoIP Phone System

The Telos VX Enterprise and VX Prime VoIP phone systems give you great-sounding on-air phone calls. VX plugs into your Axis LiveWirex or other AES67 network connecting multiple channels of audio and control via a single CAT 5 cable. Both VX systems use standard IP protocol that works with many VoIP PBXs and UP Tele services. Both versions of VX can also connect to traditional telco lines via Asteroid PBX systems which can be customized for specific facility requirements.

• Works with POTS, T1/E1, SDN, and SIP Trunking telco services for maximum flexibility and cost savings
• Standard Ethernet backbone provides a common transport path
• Native support of G.722 HD Voice
• 5th Generation Telos Adaptive Digital Hybrid supplies the clearest caller audio
• Smart AGC and Digital Dynamic EQ by Omnia assure call-to-call consistency
• Breakthrough Acoustic Echo Cancellation (AEC) capability
• Supports AES67 equipped with LiveWire and WAM Ethernet ports, and dual-redundant internal auto-ranging power supplies
• Capable of handling the typical on-air and off-air calls for multiple active studios
• VX Enterprise is Licensed for 24 hybrids (system capacity may be sized for your situation through licensing in increments of 8 hybrids and may be expanded as needs change)

• VX Prime+ includes 8 fixed hybrids, without the option to expand

Flexible Phone Systems for Clear Caller Audio

The Telos Hx6 features advanced dual hybrids and a full suite of audio processing capabilities to deliver superb caller audio over POTS from even the most problematic connections. A VoIP phone controller (sold separately) connects via Ethernet to provide system control. Its large, colorful VGA LCD display provide intuitive operation and setup, while exclusive animated Status Icons give precise and clear caller status at a glance. The system offers flexible IO options to meet most any need.

• Advanced digital hybrids
• Spectrally consistent audio from call to call
• Sophisticated caller override
• DSP algorithms optimized for superior performance

Advanced 6-Line Talkshow System

The Telos Hx6 features advanced dual hybrids and a full suite of audio processing capabilities to deliver superb caller audio over POTS from even the most problematic connections. A VoIP phone controller (sold separately) connect via Ethernet to provide system control. Its large, colorful VGA LCD display provide intuitive operation and setup, while exclusive animated Status Icons give precise and clear caller status at a glance. The system offers flexible IO options to meet most any need.

• Advanced digital hybrids
• Spectrally consistent audio from call to call
• Sophisticated caller override
• DSP algorithms optimized for superior performance

Voice over Internet Protocol (VoIP) Taps

JK Audio Telephone Taps

• Made in USA

Accessories:

• Analog XNode
• AES/EBU XNode
• Microphone XNode
• GPIO XNode
• SDI/ADAP XNode

Network System

VX-ENTERPRISE

VX-ENTERPRISE-ADD-PACK

VX-PRIME-PLUS

VX-PRIME-ADD-PACK

VSET-CONSOLE-CONTROLLER

VSET-DESKTOP-CONTROLLER

VSET12

VSET6

VoIP Phone System (24 hybrids) List $10,495.00

VoIP System (8 hybrids) List $2,995.00

VX-ENTERPRISE license List $2,995.00

VX-PRIME-PLUS license List $2,995.00

VPX-ENTERPRISE license List $2,995.00

VPX-PRIME-PLUS license List $2,995.00

Business Telephone Systems for Clear Caller Audio

The CircuitWerks Sicon-8 is a full-featured dial-up telephone interface. The CircuitWerks INNKEEPER4 adds two independent digital hybrids in a 1U rack space, and INNKEEPER1X and INNKEEPER2X add an extra 4 independent digital hybrids in a 1U rack space. The CircuitWerks INNKEEPER8X doubles the hybrid capability to 8 independent digital hybrids in a 1U rack space.

• Proprietary auto null algorithm
• 16 bit DSP technology
• Cost-saving VoIP technology
• Can handle up to 30 callers and replace up to 30 POTS lines
• Four audio inputs (on two PBX inputs)
• Selectable audio lines
• Uses G.711 (can be configured for higher quality audio)

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Comrex EarShot IFB is designed to provide telephone-based live studio program and PBX audio to field-based remote broadcasts, such as TV ENG reports. Both VX systems use standard IP protocol that works with many VoIP PBXs and UP Tele services. Both versions of VX can also connect to traditional telco lines via Asteroid PBX systems which can be customized for specific facility requirements.

• Works with POTS, T1/E1, SDN, and SIP Trunking telco services for maximum flexibility and cost savings
• Standard Ethernet backbone provides a common transport path
• Native support of G.722 HD Voice
• 5th Generation Telos Adaptive Digital Hybrid supplies the clearest caller audio
• Smart AGC and Digital Dynamic EQ by Omnia assure call-to-call consistency
• Breakthrough Acoustic Echo Cancellation (AEC) capability
• Supports AES67 equipped with LiveWire and WAM Ethernet ports, and dual-redundant internal auto-ranging power supplies
• Capable of handling the typical on-air and off-air calls for multiple active studios
• VX Enterprise is Licensed for 24 hybrids (system capacity may be sized for your situation through licensing in increments of 8 hybrids and may be expanded as needs change)
• VX Prime+ includes 8 fixed hybrids, without the option to expand

• VX Enterprise is licensed for 24 hybrids (system capacity may be sized for your situation through licensing in increments of 8 hybrids and may be expanded as needs change)

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

A multi-platform digital hybrid adds four fixed hybrids to the VX system. The CircuitWerks INNKEEPER4 adds two independent digital hybrids in a 1U rack space, and INNKEEPER1X and INNKEEPER2X add an extra 4 independent digital hybrids in a 1U rack space. The CircuitWerks INNKEEPER8X doubles the hybrid capability to 8 independent digital hybrids in a 1U rack space.

• Proprietary auto null algorithm
• 16 bit DSP technology
• Cost-saving VoIP technology
• Can handle up to 30 callers and replace up to 30 POTS lines
• Four audio inputs (on two PBX inputs)
• Selectable audio lines
• Uses G.711 (can be configured for higher quality audio)

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Flexible Phone Systems for Clear Caller Audio

The Telos VX Enterprise and VX Prime VoIP phone systems give you great-sounding on-air phone calls. VX plugs into your Axis LiveWirex or other AES67 network connecting multiple channels of audio and control via a single CAT 5 cable. Both VX systems use standard IP protocol that works with many VoIP PBXs and UP Tele services. Both versions of VX can also connect to traditional telco lines via Asteroid PBX systems which can be customized for specific facility requirements.

• Works with POTS, T1/E1, SDN, and SIP Trunking telco services for maximum flexibility and cost savings
• Standard Ethernet backbone provides a common transport path
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• Proprietary auto null algorithm
• 16 bit DSP technology
• Cost-saving VoIP technology
• Can handle up to 30 callers and replace up to 30 POTS lines
• Four audio inputs (on two PBX inputs)
• Selectable audio lines
• Uses G.711 (can be configured for higher quality audio)

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
Boost Your Bottom Line with ENCO Automation

DAD: Proven Radio Automation

More broadcasters are upgrading their workflows and saving money by choosing DAD. From centralized content and effortless scalability to cutting-edge virtualization and mobile solutions, a DAD system is the perfect fit for your station now and into the future. To stay up-to-date on the latest advances in the broadcast industry, make your station an ENCO station with a DAD: Digital Audio Delivery.

ClipFire: TV Channel-in-a-Box

ClipFire offers broadcasters a comprehensive, reliable and cost-effective platform for organizing, managing and automating critical broadcast production and integrated channel playout tasks. ClipFire supports live input and output over the network using ND®. Its intuitive user interface allows a single operator to ingest, schedule, edit and playout media from the same system, unifying all media workflow operations within one workstation.

Call BSW for your best ENCO price: 1-800-426-8434
Super Smooth Automation Solutions

Powerful, Flexible Radio Automation
APEX is Arrakis’ flagship radio automation solution for PC, ready to meet the needs of any size station. It comes in two versions: one for hard disk automation and a complete package that also handles satellite automation and ball games.

APEX-AIR:
• Hard disk automation
• On-air software; Harmony sound card; DHD Tools; 1 year support/updates
• Great live assist gives DJs the tools they need for a dynamic show

APEX-COMPLETE:
• Complete package for satellite and ball games
• On-air software; bridge switcher; DHD Tools; 1 year support/updates
• 16 channel switcher connects directly to your satellite switcher

HARMONY-SOUNDCARD:
• Rack mountable 4 audio output - 1 audio input sound card
• Assign 3 outputs to 3 different faders on your board
• 4th output is a cue output to audition audio files on the fly

APEX-AIR
Hard disk package List $2,609.00

APEX-COMPLETE
Satellite package List $5,789.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Powerful FTP Download Manager
APEXconnect is an automated FTP file download manager for downloading hourly, daily, or weekly Radio programs from the internet to your automation system. It supports most file transfer protocols: HTTP, HTTPS, FTP, and SFTP. Easy to schedule and use, APEXconnect is ideal for automating Radio program management. The software features multiple retries when the internet has problems and can email you in the case of a failed download. Supporting * wild card characters in the filename, it can search for and find download files with changing play dates in the name. APEXconnect works with any automation system that supports audio file import.

APEXCONNECT
List $400.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Versatile Broadcast Software
Arrakis’ NEW-WAVE Windows PC based software is designed specifically for playing audio from hard disk, Internet streams, FTP stored audio files, MP3 players, smart phones, text to speech and much more. Budget friendly LA-SUITE boasts the same key features but without the automation engine and scheduling.

• Perfect for Broadcast and Internet Radio
• Live On Air, Automation, and Production
• Simulcast Line, Automatic, Stream, and Podcast
• Streaming Radio Server support
• Windows 7 and Windows 8 compatible
• On-air radio live assist software, PC

NEW-WAVE
NEW-WAVE-HAR
NEW-WAVE-1 automation software + Harmony sound card
HARMONY-SOUNDCARD 4 outputs, 1 input

NEW-WAVE-HAR
NEW-WAVE-1 automation software + Harmony sound card
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NEW-WAVE-HAR
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See the video at bswusa.com/NEWWAVE
Excellent Audio Over IP with Telos

Multiple Channels of Processing and Encoding
ZIPStream R/2 provides up to eight channels of either 3-band Omnia processing or full Omnia 9 processing with flexible stream encoding in a single 1RU chassis. Ideal for high density processing and encoding applications, ZIPStream R/2 models support a wide range of streaming platforms.

- ZIPSTREAM R2-3B: Two processing and encoding channels, both with 3-band Omnia processing
- ZIPSTREAM R2-09: Full Omnia 9 processing offering "undo" de-clipping, 6-band parametric EQ, a multiband stereo enhancer and much more
- ZIPSTREAM R2-09: Full Omnia 9 processing offering "undo" de-clipping, 6-band parametric EQ, a multiband stereo enhancer and much more

Up to 8 streams available! See bswusa.com for details.

Compact, Powerful Streaming Audio Encoder
The Telos ZIPStream R/1 combines audio processing with MP3 and AAC encoding in one convenient, single-rack unit.
- Audio pre-processing, stream coding and delivery to remote replication server
- Pre-grade 24-bit A/D converter for studio-reference quality audio
- Wideband AGC, 3-band compressor/limiter, EQ, low-pass filter and precision look-ahead final limiter
- Choice of MP3 or AAC-LC, HE-AAC, HE-AAC v2 stream coding
- AES-3-ID 75 ohm or IEC-958 Type II (consumer) digital I/O on BNC connectors
- Balanced XLR analog and unbalanced RCA I/O
- Includes a 100Mb Ethernet port for transferring files to and from a PC
- 10 banks of 50 Hot Key buttonss
- Built-in keyboard locates cuts by name/number
- Top and tail editing of sound files
- Normalization, mute, bleep, reverse, pitch change and time stretch audio effects
- Rich set of playback options
- Powerful Ethernet Audio Recorder/Player with SD

The 360 Systems DigCart EX is a high-performance, easy-to-use Ethernet Audio system for integrated audio that plays audio programs (manually or from automation) produced on DigWAV. It can move an audio file much faster than real-time.
- Instant audio access and playback from anywhere
- File inter-change with DigCart II
- Popular WAV files as native format
- Record/play to local drives or network file server
- Hot Keys for instant playback
- 10,000 audio clips stored on internal hard drive
- AES/EBU Digital I/O on XLR-3 connectors
- AES-3-87 7.1 when or IEC-958 Type II (consumer) digital I/O on BNC connectors
- *Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

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SurCode for Dolby Audio
Minnetonka's AudioTools Server and SurCode product lines support the full array of audio codecs, file types, and standards for CD, DVD, Blu-ray®, broadcast, and digital television. Minnetonka is a leading provider of OEM audio solutions as well as file-based QC and loudness control.
- Minnetonka’s AudioTools Server and SurCode product lines support the full array of audio codecs, file types, and standards for CD, DVD, Blu-ray®, broadcast, and digital television.
- For every loudness standard are built-in and ready to use or modify. Integration via WatchFolder, AudioTools Connector for Telestream Vantage or other web services automation system.
- Any number of HotKeys available for immediate one-button playback
- Version 7 features new signal processing toolkit, one button macro and more
- Normalization, mute, bleep, reverse, pitch change and time stretch audio effects
- Rich set of playback options
- Accessory: WatchFolder, AudioTools Connector for Telestream Vantage or other web services automation system.

The Secret to the Toughest On-Air Shows
VoxPro: The Ultimate Audio Editing System from BSW

When you hear a show where all the calls are perfect, with no ‘ums’ or ‘erms’ or ‘I don’t know’, you know that VoxPro has been used. Wheatstone’s VoxPro digital audio editing system lets you record, edit and play back clips in real time on the air in moments. Fast, reliable, and easy-to-learn, the system consists of VoxPro software and a USB hardware control panel (sold separately or available in a money-saving BSW bundle). VoxPro 7 features new tools for even better performance.
- Rich set of playback options
- Editable recordings with several ways to create and use edit points
- Unlimited undo/redo capability persists for the lifetime of a file
- Normalization, mute, bleep, reverse, pitch change and time stretch audio effects
- *Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Loudness Control
AudioTools FOCUS for Loudness Control is an easy to use, standalone Windows application that takes the complexity out of the audio processing equation. Proven AudioTools presets conforming to every loudness standard are built-in and ready to use or modify. Integration via WatchFolder, AudioTools Connector for Telestream Vantage or other web services automation system.
- *Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Minnetonka's AudioTools Server and SurCode product lines support the full array of audio codecs, file types, and standards for CD, DVD, Blu-ray®, broadcast, and digital television. Minnetonka is a leading provider of OEM audio solutions as well as file-based QC and loudness control.
- AudioTools FOCUS for Loudness Control Software
- *Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

*For your up-to-the-minute best price call 800.426.8434!
**NEW**

**Superelay II**

Henry Engineering’s Superelay II control interface offers smooth simultaneous switching of multiple circuits, including AC line voltage. It sports six isolated SPDT relay outputs that can be used for any low current application. It can control up to five color segments (sold separately).

- Base unit: $157.92
- 2mm red: $105.28
- 2mm green: $105.28
- 2mm yellow: $105.28
- 2mm white: $122.20
- 2mm blue: $122.20
- 3mm red: $110.90
- 3mm green: $110.90
- 3mm yellow: $110.90
- 3mm white: $126.90
- 3mm blue: $126.90

**NEW**

**Superlight**

As well as a DPDT relay output that can be used for any low current application. Superlight includes a flasher circuit, tally lights. It can directly power 12 volt DC LED tally lights and UPS. Line is plugged directly into a local AC socket.

- $260.00

**Versatile WallTime Clock**

Offering NTP accurate time with analog and digital clock display while showing metadata from your automation system and much more. Paravel Systems’ WallTime studio clock and notification system conveniently works with a standard computer monitor or TV with no computer required.

- $289.00

**Bi-Color Tally Light Controller**

Power controller for ensuring reliable AC power to critical equipment that is powered with an Uninterruptible Power Supply (UPS). BackUPS constantly monitors the output of the UPS, and automatically bypasses the UPS if its output falls or becomes unstable. BackUPS has two AC inputs, LINE and UPS. Line is plugged directly into a local AC socket.

**NEW**

**LED Tally Light Controller**

Logic/control interface for controlling low voltage studio tally lights. It can directly power 12 volt DC LED tally lights that draw up to 500 mA. Superlight includes a flasher circuit, as well as a DPDT relay output that can be used for any low voltage switch, speaker muting, or other utility use.

**NEW**

**LED Indoor/Outdoor Lighting**

The Cornell L101R on-air light boasts a red lens with white print and fits in a standard single duplex electrical box and operates on 24 volt DC (user supplied). L101-ROA boasts a white lens and red print. It is crafted from selected hardwoods, cast acrylic and back lit by a lamp lasting LED light source. Perfected for a studio, station or podcast.

- $179.00
Stay Out of Trouble with BSW Audio Delays

**80 Seconds of Delay**

The Eventide BD600+ delivers up to 80 seconds of high-quality revenue and license-protecting delay and features a secondary backup for even more protection.

- **BD600E-PLUS**
- **BD600W-PLUS**
- **BD600**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**Powerful, Compact Profanity Delay**

The 25-Seven Systems Program Delay Manager (PDM) gives you up to 99 seconds of delay to keep unwanted speech off your airwaves. Ease of use, transparent audio quality and Program Director friendly features take delay to a whole new level.

- Patented PD-Alert™ instantly emails time stamped before/after audio files whenever Dump is pressed
- Integrated data delays sync, GPIO, serial data and IP traffic to audio
- Multiple delay, build and dump options
- Seamless audio expansion and compression
- Comprehensive remote control through IP, GPIO, or Livewire LWP protocols

See the video at bswusa.com/PDM

**Watermark Analyzer Helps Boost Revenue**

For most broadcasters, there's a direct link between ratings agency reports and a station's revenue. Improperly measured markets, understanding the entire electronic measurement ecosystem is essential to your station's competitive picture. That's where 25-Seven's TVC-15 comes in. Working with any source, live or recorded, it detects, monitors and analyzes (in real time and updating every 400 milliseconds) how well each element in your programming supports watermarking.

- 150 times a second, analyzes code symbols in any audio you feed it
- Front panel graph displays your station's watermark reliability
- Raw symbol reliability displayed on a constantly changing bar
- Switchable between encoding formats Layer 1 and Layer 2
- Doesn't depend on a particular encoder or need to be connected to it

**Plus-X EM Series**

Keep your transmitter running reliably by monitoring the environment and alerting staff to potentially harmful conditions. The Burk Plus-X EM series monitors temperature, humidity, flood/leak, and many other conditions including sound, light and security. Email, SMS and SNMP notifications ensure that responsible personnel can respond quickly. The Affordable Plus-X EM Series connects to any on-site or off-site ARC Plus via LAN/WAN.

- Integrates with ARC Plus over existing LAN/WAN
- Available as 64 or 32 sensor models
- Built-in temperature, light and sound sensors
- Easily expandable with external sensors
- Integrates with IP security cameras
- Alert personnel via email, SMS and SNMP traps
- Spot trends and prevent problems from developing with onboard charting
- Onboard web interface for setup, historical monitoring and access, data and charts

See the video at burkusa.com/ARCPLUS/TOUCH

**FLOOD-DETECTOR**

- Temperature Sensor
- Humidity Sensor
- Smoke Detector
- Door Contact
- Motion Sensor
- Flood Detector

**Additional External Sensors**

- Temperature Sensor
- Humidity Sensor
- Smoke Detector
- Door Contact
- Motion Sensor
- Flood Detector

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Remotely Reboots Digital Gear

The Burk X RB provides independent management of equipment connected to 12V outlets, allowing remote rebooting of digital gear. Broadcasters can also remotely manage HNRC, lighting and other appliances. It connects directly to the Burk ARC Plus remote control via Ethernet, or to any remote control (including the GSC3000 and ARC-16) using general-purpose inputs.

- Remotely power cycle and control equipment via AC
- Easy local control with front panel buttons; built-in web control
- Ideal for use with the ARC Plus, easy to integrate with any remote control
- 100 to 125 VAC, 50/60 Hz
- 8-attached 14/3 grounded power cord
- 15A circuit breaker with reset button

**Remote Site Control**

You're in Control with BURK and BSW

**Smooth Remote Site Control**

The Burk ARC Solo includes many of the powerful features of the ARC Plus while offering the simplicity of a self contained remote unit. 16 meters, status and relays are all available on the rear apron. Macros, email notifications and even a recordable speech interface are built in. For smooth and easy remote control, the ARC Solo is a great choice.

- IP-based broadcast remote control
- Easy operator access via web, PC software, smartphone or telephone

Upgrade Your ARC-16 to ARC-Plus Without Rewiring

Upgrading legacy ARC-16 systems is faster and more affordable than ever. The Plus-X Dual IP-R Adapter connects up to two ARC-16 IPBs using the same DB-37 cables as the ARC-16. Not a single channel needs to be rewired to upgrade the ARC Plus, saving hours of work.

- Connects to two IPBs
- Provides ARC Plus access to existing IPBs without rewiring
- Ethernet link to ARC Plus

**Remote Site Control**

**BSW**

1-800-426-8434

**You're in Control with BURK and BSW**

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- Ethernet link to ARC Plus

**Remote Site Control**

**BSW**

1-800-426-8434
Affordable Remote Site Control

Broadcast Tools’ VAD-4 Plus is a cost-effective, 1RU solution for dial-up recordable voice response and web-enabled site control and monitoring via a web browser, smartphone, or SNMP. You can also program it for dial-up operation via the web interface. You can configure each analog, status, silence sensor, temperature sensor and power failure input to dial-out and/or email up to eight individual phone numbers/email addresses, allowing different input alarms to be routed to different call-out numbers and/or email recipients.

Dependable Remote Site Monitors

The Site Sentinel 4 is for use with the internet provides an Ethernet port, 4 channels of metering inputs, optically-isolated status (contact closures or external voltages) inputs, normally open dry contact relays, power failure input and a stereo silence sensor input. The Site Sentinel 16 gives you 16 channels of metering inputs.

Web GPIO Control

The I/O Sentinel 4 is a web-based GPIO device with four optically isolated GPI trigger status inputs and four SPI/SPI relay outputs. It has all the features you need to monitor and control your site equipment, including email alarms and SNMP.

Easy To Use Serial Remote Control Computer Interface

The Broadcast Tools SRC-16 Plus is a remote computer interface to the real world. Connecting through its RS-232, RS-422 or RS-485 port, it can notify your PC software program if any of 16 optically isolated inputs have been opened or closed, and allows your software to control sixteen SPST 1 x 16 switch, in short “panic” type ASCII or binary commands from your PC (computer mode). You can also add up to 64 ASCII strings per input and 16 user-defined strings per relay. Half-rack chassis. Optional RA-1 rack shelf.

Essential Telephone/Equipment Interface

Broadcast Tools’ STA-III Plus gives you a convenient interface between a telephone line and your equipment. It offers auto-answer after a user-programmed number of rings, user programmed numeric DTMF access code, relay and audio input/output control via numeric DTMF commands and much more. Front panel LEDs display power, hook, ring and valid DTMF tone.

Must-Have Matrix Switchers

The Broadcast Tools ACS 4.2-USB four input, dual output stereo matrix audio switcher with USB audio I/O. Compatible with professional balanced (BAL) and consumer unbalanced (RCA) audio sources. Other features include: front panel, RS-232 serial and GPIO control. Eight F/F/S/P inputs, four OC/GPO outputs, and built-in output silence detectors. Its big brother, the ACS 16.2, lets you switch any or all of 16 stereo inputs to two any or both stereo outputs. For even greater control, inputs one and two have fade and dim capabilities. For easy installation, both units sport plug-in euroblock screw terminals.

Comprehensive Silence Monitor

The Broadcast Tools Silence Sentinel Standard is designed to monitor two stereo audio sources for silence or an out of phase condition, generate alarms and transparently switch to a back-up AES/EBU audio source.

Loaded D/A Audio Converter

The Broadcast Tools DAC-1 is a 24-bit stereo digital-to-analog audio converter and/or AES/EBU Digital Audio Signal Monitor

Designed to monitor an AES/EBU digital audio signal for silence or an out of phase audio condition, generate alarms and transparently switch to a back-up AES/EBU audio source.

Interface Equipment - Routers and Switchers

Broadcast Tools switches offer local and remote control and status via contact closures and RS232 serial ports.

• +5V, +12V/BNC: transparent, two input, dual output switch/router with mechanical switching relays and BNC connectors
• +5V, +12V/USB: passive switching/routing with two inputs and single output, routers in either direction; mechanical latching relays, terminal connectors

NEW

Realistic Voice Alarm Dailer

Broadcast Tools’ VAD-4 is a user-programmable, four status input multi-number voice/pager auto dailer equipped with four optically isolated status inputs, two temperature sensor ports, a power failure input and an unbalanced stereo silence sensor. Visit our website for full details.

Webpage Pro

www.broadcasttools.com

VAD-4 List $419.00

RA-1 Rackmount shelf $66.00

Interface Equipment - Routers and Switchers

Broadcast Tools switches offer local and remote control and status via contact closures and RS232 serial ports.

• +5V, +12V/BNC: transparent, two input, dual output switch/router with mechanical switching relays and BNC connectors
• +5V, +12V/USB: passive switching/routing with two inputs and single output, routers in either direction; mechanical latching relays, terminal connectors
• +5V, +12V/Term: same as above but with four inputs and a single output

Versatile Passive Audio Switchers

The Broadcast Tools SRC-16 Plus is a remote computer interface to the real world. Connecting through its RS-232, RS-422 or RS-485 port, it can notify your PC software program if any of 16 optically isolated inputs have been opened or closed, and allows your software to control sixteen SPST 1 x 16 switch, in short “panic” type ASCII or binary commands from your PC (computer mode). You can also add up to 64 ASCII strings per input and 16 user-defined strings per relay. Half-rack chassis. Optional RA-1 rack shelf.

Easy To Use Serial Remote Control Computer Interface

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List $329.00

List $439.00

List $419.00

List $299.00

List $419.95

List $399.00

List $219.00

List $319.95

List $1,069.00

List $249.95

List $249.00

List $499.00

List $409.95

List $659.00

List $1,289.00

List $219.00

List $319.95

List $1,069.00
Switching & Distribution Made Easy

BSW is Your Best Connection to Broadcast Tools

8X4 Active Stereo Matrix Switcher
The BroadcastTools SS 8.4 provides true matrix audio switching of up to 8 stereo inputs to 4 stereo plus 4 monaural outputs. It can route a signal in either direction and will keep routing signals even after losing power. Inputs may be switched, in or out, without any change to the output levels, impedance, distortion, noise and balancing will match that of the selected input.
- True matrix switching
- 8x4 audio switching modes, interlock, overlap, and mix
- Logic functions via microprocessor and non-volatile memory
- Internal audio activity/silence sensors monitor both output channels
- Front panel input selection switches

$594.00

4x4 Active Stereo Matrix Switcher
The Broadcast Tools SS 4.4 provides matrix audio switching of 4 stereo inputs to 4 stereo plus 4 monaural outputs. It can route a signal in either direction and will keep routing signals even after losing power. Inputs may be switched, in or out, without any change to the output levels, impedance, distortion, noise and balancing will match that of the selected input.
- True matrix switching
- 4x4 audio switching modes, interlock, overlap, and mix
- Logic functions via microprocessor and non-volatile memory
- Internal audio activity/silence sensors monitor both output channels
- Front panel input selection switches

$549.00

SS2.1 MLR/RJ Switcher/Router
- Transparent two input, one output stereo switcher/router with mechanical latching relays.
- Uses standard audio pinout RJ45 jacks for balanced I/O.
- The audio “MUTE” function allows the user to turn off all audio.
- Internal silence sensor with LED indicator, SPST alarm relay, and adjustable delay and restore durations.

List $609.00

$549.00

SS4.1 MLR/RJ Switcher/Router
- Transparent four input, one output switcher/router with mechanical latching relays.
- Uses standard audio pinout RJ45 jacks for balanced I/O.
- The audio “MUTE” function allows the user to turn off all audio.
- Internal silence sensor with LED indicator, SPST alarm relay, and adjustable delay and restore durations.

List $1,529.00

$1,329.00

8X2 Active Stereo Matrix Switcher
The Broadcast Tools SS 8.1 MLR+ easily provides matrix audio switching of 8 stereo inputs to 2 stereo plus 2 mono outputs. You can route stereo or mono signals, with any input assigned to output one having fading capabilities.
- True matrix switching
- Logic functions via microprocessor and non-volatile memory
- Internal stereo silence sensors monitor both output channels
- Front panel input selection switches

$399.00

16X4 Active Stereo Matrix Switcher
Broadcast Tools’ SS 16.4 provides true matrix audio switching of 16 stereo inputs to 4 stereo plus 4 mono outputs. You can assign any/all inputs to any/all outputs.
- True matrix switching
- 3 switching modes: interlock, overlap and mix
- Logic functions via microprocessor and non-volatile memory
- Internal audio activity/silence sensors monitor all four output channels, and each is equipped with front panel “ACT” LED indicators
- Adjustable alarm delay and restore duration
- Power-up selection of inputs to outputs, mute or last source selected
- 16 user-configurable macros, 24 input GPIO port (PP) with LED indicator
- 16 open collector channel status outs or programmable via burst commands
- 8 SPST relay outputs, programmable via burst commands
- Balanced stereo inputs and stereo/mono outputs
- Multidrop RS-232 or RS-485 serial port with data activity LED
- Multiple units may be cascaded to expand inputs

$5,356.4

$1,329.00

See the video at bswusa.com/SS16.4

SS16.4

List $1,529.00

$1,329.00

2x16 DA/RJ Analog Distribution Amplifier
- Analog line level distribution amplifier (DA).
- Uses standard audio pinout RJ45 jacks for balanced I/O.
- Accepts professional balanced +4 dBu input (RL45) or consumer unbalanced -10 dBV (RCA) input.
- Configurable for one stereo input to eight stereo outputs (2x8) or 16 mono outputs (1x16).
- Each stereo pair can be individually configured as a mono sum of the stereo input via jumper.
- Front panel +1/- DC power indicators
- Up to three units may be mounted on the optional RA-1 rack shelf.
- Universal power supply with IEC inlet included.

List $1,164

See also: SS 4.1 MLR

SS2.1 MLR/41 Switcher/Router
- Transparent two input, one output stereo switcher/router with mechanical latching relays.
- Uses standard audio pinout RJ45 jacks for balanced I/O.
- The audio “MUTE” function allows the user to turn off all audio.
- Internal silence sensor with LED indicator, SPST alarm relay, and adjustable delay and restore durations.

List $609.00

$549.00

8X2 Active Stereo Matrix Switcher
The Broadcast Tools SS 8.2 PLUS+ easily provides matrix audio switching of 8 stereo inputs to 2 stereo plus 2 mono outputs. You can route stereo or mono signals, with any input assigned to output one having fading capabilities.
- True matrix switching
- Logic functions via microprocessor and non-volatile memory
- Internal stereo silence sensors monitor both output channels
- Front panel input selection switches

$399.00

8X2

List $609.00

$549.00

2x16 DA/RJ Analog Distribution Amplifier
- Analog line level distribution amplifier (DA).
- Uses standard audio pinout RJ45 jacks for balanced I/O.
- Accepts professional balanced +4 dBu input (RL45) or consumer unbalanced -10 dBV (RCA) input.
- Configurable for one stereo input to eight stereo outputs (2x8) or 16 mono outputs (1x16).
- Each stereo pair can be individually configured as a mono sum of the stereo input via jumper.
- Front panel +1/- DC power indicators
- Up to three units may be mounted on the optional RA-1 rack shelf.
- Universal power supply with IEC inlet included.

List $1,164

See also: SS 4.1 MLR
**Web-Based Silence Monitor**

AudioSentinel-4 WEB is a web-based dual channel stereo silence monitor offering four stereo (8 mono) channels.

- Built-in web server for web-based notification, monitoring, configuration and control
- Internal silence sensor with front panel activity and alarm LED indicators

**Handy Analog to Digital Converter**

Delivering high-quality analog to 24-bit digital audio conversion, this ADC-1 Plus is ideal for converting the analog output of equipment to stereo AES. It offers balanced stereo analog inputs and AES output via XLR connectors.

**Versatile Switcher/Router**

Broadcast Tool’s Universal 4.1 MLR/Web is a web-based four input, one output switch/router designed to pass AES or stereo balanced signals.

- Front panel channel selection push buttons
- Stereo Neutrik XLR and StudioHub+ RJ45 connectors
- Internal silence sensor with front panel LED indicators
- Contact closure remote control and Web/TCP control

**Super Silence Detector**

- Transparent stereo/dual-mono silence monitor
- Front panel, remote control and relay monitoring
- Plug-in euroblock screw terminals
- Four user-selectable unit IDs
- Four user-selectable baud rates
- USB and RS-232 interface for connection to PC

**Essential GPI Interface**

The Broadcast Tools GPI-16 Plus interfaces 16 general-purpose logic inputs to a PC COM or USB port.

- Four user-selectable baud rates
- USB and RS-232 interface
- Four user-selectable unit IDs

**Ultra-Compact RS-232, GPIO Interface**

The Broadcast Tools SRC-4 interfaces four optically isolated inputs and four SPDIF relays to an RS-232 port.

- Notifies your PC software program that any of four optically isolated inputs have been opened or closed
- Allows your software to control four SPDIF relays

**Web-Based AES Silence Monitor**

AudioSentinel-Plus-Web is a web-based dual channel stereo silence monitor (four channels mono) combined with an integrated transparent audio switcher.

- Built-in web server for email/SNMP notification, monitoring, configuration, and control
- Internal silence sensor with front panel activity and alarm LED indicators

**AES Switcher with Silence Sensor**

The AES Switcher Sentinel 2+1 is a web-enabled three-channel AES/Ebu silence monitor combined with an integrated 2+1 AES switcher. It is designed to monitor two AES audio sources and one analog to digital (ADC) audio source. When silence is detected on the primary AES input it can automatically switch to the backups AES input or the backup ADC input via mechanical latching relays. The AES Switcher Sentinel 2+1 can be configured and monitored locally and/or remotely over any IP network, including private networks, IP based industrial control networks, and the Internet. Users can operate the product using a desktop web browser or web-enabled mobile device. Email notification may be configured to alert up to eight recipients when silence or output of phase audio is detected. SMTP usernames and passwords using STARTTLS or Base64 authentication are supported. SNMP traps and SET/GET are built in to allow multiple units to be monitored and configured with SNMP management software.
NEW! FAILSAFE POWER FROM YOUR UPS
BackUPS™ bypasses your UPS when things go wrong!
It instantly switches to Direct Line AC if the UPS output fails or becomes unstable, keeping critical equipment on-line.

- Safely replace UPS batteries
- Restart Timer prevents harmful power cycling
- Easy UPS maintenance without shutting off the load
- Remote-Bypass can disable a failed UPS at a remote site
- Can be used to reboot equipment at a remote transmitter site

In stock at BSW!

Call BSW for your best price on Henry Engineering 1-800-426-8434

Smooth, Transparent Balanced/Unbalanced Interfacing
The Henry Engineering Matchbox HD provides bidirectional stereo interfacing between unbalanced and balanced audio. The TwinMatch interfaces two unbalanced consumer stereo outputs with professional/balanced equipment.

MATCHBOX HD:
- True SNR of 100 dB, with 22 dB of headroom
- Total dynamic range of 122 dB
- 4 independent amplifiers, built-in AC power supply
- Balanced XLR and unbalanced RCA I/O

TWINMATCH:
- Converts to professional 600 ohm balanced lines
- Adjustable gain to accommodate either 4 or 8 ohm systems
- Circuitry is direct-coupled and transformerless for sonic transparency
- Unbalanced RCA inputs, balanced XLR outputs

Super Smart Relay
This interface provides four independent 2PDT relay and eight optically isolated 5Vdc to 24Vdc wet or dry inputs. It converts sustained network closures to a pulse. User programmable logic and pulse stretching may be set from 50ms to 99 hours, 59 minutes and 59.99 seconds.

SMARTRELAY4: $199.00

Silence Sensor/Automatic Switcher
This multi-purpose stereo audio switcher and silence sensor can be used to manually or automatically select between two stereo audio sources. It also features an Alarm relay output, plug-in euroblock connectors and a built-in power supply.

AUTOW/REMOTE:
- Four independent switches
- Alarm relay output
- Plug-in euroblock connectors
- Built-in power supply

7-FLOPPY:
- 7 floppy drive standby
- 7 floppy drive power

2-REMOTE:
- Two remote inputs
- Two remote outputs

AUTOON:
- Remote power on
- Remote power off

3-REMOTE:
- Three remote inputs
- Two remote outputs

2-PARTY:
- Two party lines
- Two party line outputs

3-SWITCH:
- Three switches

3-SWITCH OPTION:
- Three switches with one remote input

ACCESSORIES:
- Rackmount kit for 1-3 units

3-INPUT STEREO AUDIO SWITCHER
Henry’s StereoSwitch II is a handy 3 input audio switcher that lets you remotely select between three stereo sources.
- Works as a studio switcher, line selector or for automatic source selection in automation system
- Sealed relays with gold-plated contacts
- No circuits in audio path for total transparency

STEREO SWITCH:
- Three switches

ACCESORIES:
- Rackmount kit for 1-3 units

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- Sealed relays with gold-plated contacts
- No circuits in audio path for total transparency

STEREO SWITC:
- Three switches

ACCSSORIES:
- Rackmount kit for 1-3 units

Bi-Directional Interface Amp w/USB
The Henry Engineering USB Matchbox II is a professional USB-to-XLR multi-mode stereo audio codec offering superb audio performance with the ease of USB.
- Allows computer audio to interface with professional analog or digital audio systems
- Balanced analog I/O, AES/EBU digital output

USBMATCHBOX:
- Balanced analog I/O, AES/EBU digital output

ACCESSORIES:
- Rackmount kit for 1-3 units

AES DIGITAL AUDIO SWITCHER
AES Digital Switch 3X1 is a three-input switcher for AES digital audio signals. It accepts up to three AES audio sources, selecting one that is sent to the AES output.
- 3 AES inputs, 1 AES output
- Control Inputs: 3 opto-isolated, 5-24 VDC or contact closure/open collector

AESCROSS:
- Three inputs

ACCESSORIES:
- Rackmount kit for 1-3 units

NEW!

“Good, clean audio.”
★★★★★
Summing Distribution Amp

The U.S.D.A. can be used as a 1x4 or 2x4 DA, or to combine a stereo input to a mono output. Two inputs (one stereo pair) accept balanced/unbalanced sources, four 600 ohm balanced outputs (two stereo pairs), mono/stereo switches, euroblocks. (Price too low to advertise. Call BSW for the lowest price)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.D.A.</td>
<td></td>
<td>$219.00</td>
</tr>
<tr>
<td>Accessories:</td>
<td></td>
<td>$60.00</td>
</tr>
<tr>
<td>RMK</td>
<td>Rackmount kit for 1-3 units</td>
<td></td>
</tr>
</tbody>
</table>

The U.S.D.A. is ideal for tasking AES/EBU distribution system with XLR jacks and input monitoring.

AES/EBU Distribution Amps

• Ideal for distributing AES/EBU signals or word clock

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES/EBU208</td>
<td>Six output AES/EBU distribution amplifier with XLR jacks and input monitoring</td>
<td>$319.00</td>
</tr>
<tr>
<td>AES/EBU204</td>
<td>Eight output two-input AES/EBU distribution amplifier with XLR jacks and input monitoring</td>
<td>$399.00</td>
</tr>
</tbody>
</table>

Handy Helpers from Broadcast Tools

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTPSERVERSENTINEL</td>
<td>Standalone NTP Time Server</td>
<td>$419.00</td>
</tr>
<tr>
<td>AES-AUDIO-SENTINEL-WEB</td>
<td>Built-in web server with network notification, monitoring, configuration, and control</td>
<td>$679.95</td>
</tr>
</tbody>
</table>

High Performance Distribution Amps

• Active balanced low Z output amplifiers and a stereo level high Z input that accepts a balanced or unbalanced source

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AESDA2X4</td>
<td>AESDA2x4</td>
<td></td>
</tr>
<tr>
<td>AESDA2X6</td>
<td>AESDA2x6</td>
<td></td>
</tr>
</tbody>
</table>

• Each output amp can be paired for stereo or each output pair can be summed for mono operation without degrading the integrity of the other outputs

Clean, Quiet Analog Audio Distribution

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA206XLR</td>
<td>Dual 1x2 (48), XLR 1/0</td>
<td></td>
</tr>
<tr>
<td>ADA208XLR</td>
<td>Dual 1x4 (48), XLR 1/0</td>
<td></td>
</tr>
<tr>
<td>ADA208XLR</td>
<td>Dual 2x4 (96), Phoenix I/O</td>
<td></td>
</tr>
<tr>
<td>ADA412XLR</td>
<td>Quad 1x4 (48), XLR 1/0</td>
<td></td>
</tr>
<tr>
<td>ADA416XLR</td>
<td>Quad 1x4 (48), Phoenix I/O</td>
<td></td>
</tr>
</tbody>
</table>

Price too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Line Level Distribution Amp with Phantom Power

ATI’s DA103 sporting a line level input and three independent +22 dBm servo balanced outputs in a 1 3/4” RU enclosure. Offering phantom power, it accepts input of either balanced or unbalanced audio at -20, 0 or +4 dBu nominal level and delivers balanced or unbalanced output at +4 dBm nominal. It also boasts a +6 dBu line gain as well as a master gain control and individual gain controls for each output.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA103</td>
<td></td>
<td>$439.00</td>
</tr>
</tbody>
</table>

1x3 AES Distribution Amplifier

The Inovonics INOmini is a compact, DSP-based 1x3 distribution amp specifically for AES digital audio.

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-00</td>
<td></td>
<td>$711.00</td>
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<tr>
<td>514</td>
<td></td>
<td>$621.00</td>
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</table>

1x2 Audio Routing Switcher

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>STD104</td>
<td>1x2 audio routing switcher</td>
<td></td>
</tr>
<tr>
<td>STD106</td>
<td>2x1 audio routing switcher</td>
<td></td>
</tr>
<tr>
<td>STD108</td>
<td>4x1 audio switcher</td>
<td></td>
</tr>
<tr>
<td>STD110</td>
<td>Audio multiplexer</td>
<td></td>
</tr>
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</table>

Audio line amplifier

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>STRX2</td>
<td>2-channel mic/lvl mixer</td>
<td></td>
</tr>
<tr>
<td>STRX3</td>
<td>Line level mixer</td>
<td></td>
</tr>
<tr>
<td>STRX4</td>
<td>Interface amplifier</td>
<td></td>
</tr>
<tr>
<td>STRX5</td>
<td>Audio control amplifier</td>
<td></td>
</tr>
<tr>
<td>STRX6</td>
<td>Audio line amplifier</td>
<td></td>
</tr>
</tbody>
</table>

Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Interface Equipment - Distribution Amplifiers

LED STICK-ON Series Audio Interfaces

Radio Design Labs Stick-Ons are compact, high-quality audio interface devices that can be directly and discreetly mounted on equipment, under cabinet tops, or combined in rackmount interface devices that can be directly and discreetly mounted.

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<td>STD40</td>
<td>600 ohm division combiner</td>
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</tr>
<tr>
<td>STD89</td>
<td>6x8 audio switcher</td>
<td></td>
</tr>
<tr>
<td>STD147</td>
<td>2-channel mic/lvl mixer</td>
<td></td>
</tr>
<tr>
<td>STD313</td>
<td>1x2 audio routing switcher</td>
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<td>STD313</td>
<td>1x2 audio routing switcher</td>
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</tr>
<tr>
<td>STD1003</td>
<td>1x3 line level distribution amp</td>
<td></td>
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Handy Helpers from Broadcast Tools

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<tr>
<td>STP3</td>
<td>100-watt power amplifier</td>
<td></td>
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<tr>
<td>STP4</td>
<td>60-watt power amplifier</td>
<td></td>
</tr>
<tr>
<td>STGCA1</td>
<td>Audio gain control amplifier</td>
<td></td>
</tr>
<tr>
<td>STP1</td>
<td>Dual attenuator (passive)</td>
<td></td>
</tr>
<tr>
<td>STP15</td>
<td>Voice-over module</td>
<td></td>
</tr>
<tr>
<td>STP11</td>
<td>Stereo phone preamp</td>
<td></td>
</tr>
<tr>
<td>STGK2</td>
<td>Audio control relay</td>
<td></td>
</tr>
<tr>
<td>STLCP</td>
<td>Non-latch logic control relay</td>
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Interface Equipment - Distribution Amplifiers

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**Workhorse RDS/RBDS Encoders**

The DEVA Broadcast SmartGen 3.1 can transmit basic RDS information along with decoder information, music/speech flags, PS and radio text scrolling options. It offers a fully digital synthesis of the RDS signal and two types of operating modes: loop-through and side-chain.

- Works with any FM exciter and stereo generator
- Supports both RDS and RBDS standards
- Fully digital synthesis of RDS signal
- MPX loop-through and side-chain modes
- Internal or external pilot/MPX synchronization
- Built-in dedicated 19kHz source for internal sync
- USB programming interfaces
- Built-in failsafe bypass relay
- Intuitive Windows configuration software
- Easy installation and set up

**RDS-SG3.1**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

---

**Ultra-Compact RDS/RBDS Encoder**

The cost-effective DEVA Broadcast SmartGen Micro can transmit all basic RDS information along with decoder information and music/speech flags.

- Compact chassis: 4.72” x 4.06” x 1.2”
- Works with any FM exciter and stereo generator
- Supports both RDS and RBDS standards
- Fully digital synthesis of RDS signal
- MPX loop-through and side-chain modes
- Internal or external pilot/MPX synchronization
- Built-in dedicated 19kHz source for internal sync
- USB programming interfaces

**RDS-MICRO**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

---

**Smart RDS/RBDS Encoder**

The DEVA Broadcast SmartGen Mini’s USB and LAN connectivity lets you program its non-volatile memory using any PC and the supplied Windows software.

- Compact chassis: 4.72” x 4.06” x 1.2”
- Works with any FM exciter and stereo generator
- Supports RT+ for songs and content tagging
- Supports TMC (Traffic Message Channel)
- Compatible with EWS (Emergency Warning System)
- Embedded WEB server for interactive supervision
- Fully digital synthesis of RDS signal
- MPX loop-through and side-chain modes
- Internal or external pilot/MPX synchronization
- Built-in dedicated 19kHz source for internal sync
- USB programming interfaces

**RDS-MINI**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

---

**Ultra-Compact RDS/RBDS Encoder**

The DEVA Broadcast SmartGen 5 Encode supports all RDS Applications in conformity with European CENELEC and United States NRSC standards and it is fully compatible with the latest UECP EBU SP440 Version 7.05. The interactive function RT+ for song tagging is also fully supported.

- Works with any FM exciter and stereo generator
- Supports RT+ for songs and content tagging
- Supports TMC (Traffic Message Channel)
- Compatible with EWS (Emergency Warning System)
- Embedded WEB server for interactive supervision
- Fully digital synthesis of RDS signal
- MPX loop-through and side-chain modes
- Remote RDS viewer to visualize broadcasted data
- Interfaces with all popular radio automation systems
- SNTP for automatic synchronization of the built-in clock
- Real-time clock schedules for scrolling text and text lists

**RDS-SG5.1**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

---

**Powerful RDS/RBDS Encoders**

DEVA Broadcast’s SmartGen 6 encoder supports all RDS Applications in conformity with European CENELEC and United States NRSC standards and it is fully compatible with the latest UECP EBU SP440 Version 7.05. The interactive function RT+ for song tagging is also fully supported.

- Works with any FM exciter and stereo generator
- Supports RT+ for songs and content tagging
- Supports TMC (Traffic Message Channel)
- Compatible with EWS (Emergency Warning System)
- Embedded WEB server for interactive supervision
- Fully digital synthesis of RDS signal
- MPX loop-through and side-chain modes
- Remote RDS viewer to visualize broadcasted data
- Interfaces with all popular radio automation systems
- SNTP for automatic synchronization of the built-in clock
- Real-time clock schedules for scrolling text and text lists

**RDS-SG6.1**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

---

**RDS ENCODING/DECODING/SITE CONTROL**

The SOUND4 IMPACT It has a powerful processing chain which includes 2-band input Automatic Gain Control, based on signal strength and no longer on electrical average values. Introduces an innovative process - mono and stereo parts of the signal are processed separately to obtain perfect consistency in terms of both sound and level.

**CALL BSW FOR THE LOWEST PRICES!**

800.426.8434

---

**CALL BSW FOR THE UP/TO-THE-MINUTE BEST PRICE CALL 800.426.8434!**

---

**BIG SOUND, small price and Unrivaled Audio Quality!**

The newest and greatest Broadcast Mic Processor

SOUND4 BIG VOICE® processors are flexible, and adapt perfectly to all voices. From natural tone to big, everything is possible in a few clicks. The SOUND4 BIG VOICE® is the perfect tool for production studios for that smooth Voice Over.
Comprehensive RDS/RBDS is Easy with BSW

Takes RDS to New Levels

The Inovonics 732 has the tools you need for an engaging and dynamic RDS presence. It connects with virtually any playout system, broadcasting song titles, artist information, station IDs and much more to listener radios.

Incorporating the latest RDS technology including TR+ tagging, it features a built-in webserver for real-time control and monitoring of all parameters and loads a new OLED display with easy to navigate menus. It emails alarms for pilot loss and DPS/RT not updating and offers SNMP support.

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Affordable RDS/RBDS Presence

The Inovonics 703 INOmini encoder is a quick, inexpensive way to an RDS/RBDS presence, with easy USB programming using the supplied Windows software. It will identify your station by format, display your station’s street name and continuously transmit station promos or advertising messages to your listeners. It can store your station’s data in its non-volatile memory and can then be re-installed at the transmitter site.

703-00

Accessories:

• RE-00 Rack-mount kit $59.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Powerful FM Modulation Monitor

Inovonics 531N offers a wide variety of monitoring and measuring tools for hassle-free station set up, regulatory compliance and remote monitoring.

It constantly checks for audio loss, IF loss, multipath and overmodulation, sending e-mail or SMS messaging alerts as needed.

• High-resolution LED bar graph displays and innovative program peak marker

• Full-time display of signal strength and multipath effects, plus synchronous AM noise output (BNC)

• Keep track of your RF signal performance from anywhere

531-N

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Reliable Rebroadcast Receivers

These Inovonics rebroadcast receivers are designed to handle the most challenging reception scenarios. AARON 655 will always return to the programmed frequency and reception mode following a power interruption. AARON 650 offers composite pass-through and baseband regeneration modes. AARON 640 is a budget friendly version.

• AARON 655: rebroadcasts FM and HD1 – HD8, supports analog, AES-digital and streaming program inputs; RDS encoder passes or regenerates incoming RDS

• AARON 650: Superior sensitivity, selectivity, and RF shielding

• AARON 650: rebroadcasts FM; state-of-the-art DSP-based receiver performance

• AARON 640: rebroadcasts FM; decodes entire analog baseband

Finding you the right product is what we do.

Justin Warbreck, Sales Representative, Gear Guru

800.426.8434

*FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
FM MONITORING / REBROADCAST

In-Depth Radio Monitoring from DEVA Broadcast
DEVA Broadcast offers a wide range of innovative, high-performance, cost-effective radio monitoring equipment for your specific needs. Call or visit our website for more details on DEVA Broadcast gear.

DB4402 V2
High-Performance Dual FM Monitoring
DB3011
FM confidence monitor

Powerful FM Monitor
The Audemat FM Monitor monitors a set list of stations to ensure that your FM network is in full compliance and sounding its best.

- ScriptEasy graphical software tool for scripting and customized web views
- 30 day of history, event log, audio recording on internet for remote monitoring, and a headphone output for local monitoring.
- Accessible from any remote location with PC, tablet or smartphone
- Integral IP-networking interface
- Versatile off-air AM modulation monitor

Ultra-Versatile Modulation Monitor
The Belar FMCS-1 modulation monitor can handle FM RF carrier measurements, AM and Sync AM noise measurements, variable BW digital IF and composite filtering. It also delivers RDS injection/phase and full data decoding along with peak and RMS measurements. It boasts an RJ-45 connector to link to the internet for remote monitoring, and a headphone output for local monitoring.

FMCS-1

HD (and More) Modulation Monitor
Equip your station for years to come with this state-of-the-art HD radio monitor. The Belar FMM-2 is a wideband, FM monitor that measures the total modulation characteristics of monaural as well as multiplexed FM transmitters.

FMM2

State-of-the-Art Equipment from BSW

Versatile Modulation Monitors
Belar’s FMM-2 is a wideband, FM monitor that measures the total modulation characteristics of monaural as well as multiplexed FM transmitters.

Read more about all these products and more at BSWUSA.COM

FM MONITORING / REBROADCAST

New from DEVA

FM-QOS Monitoring and Facility Management

FM-MONITOR-FM
FM-MONITOR-SILVER

Precision AM Frequency Monitor
The Belar AMM-4 is a digital AM frequency monitor designed especially for automatic broadcast transmitter monitoring. It accurately monitors any frequency from 10 kHz to 50 MHz. Its front panel LED indicator will warn of low RF level or loss of carrier.

AMM4

Ensure Better Broadcasts with Inovonics
Inovonics offers a wide range of equipment for AM broadcast applications.

INOMini 674
AM broadcast receiver for professional applications. It serves admirably as a ‘confidence monitor,’ and includes alarms to indicate transmission problems. At the same time it can deliver a high-quality audio feed for program distribution throughout the broadcast facility.

AM674

Inovonics’ second-generation, small form-factor AM broadcast receiver for professional applications. It serves admirably as a ‘confidence monitor,’ and includes alarms to indicate transmission problems. At the same time it can deliver a high-quality audio feed for program distribution throughout the broadcast facility.

INOMini 675

AM Broadcast Monitor/Receiver
The INOMini 675 is Inovonics’s second-generation, small form-factor AM broadcast receiver for professional applications. It serves admirably as a ‘confidence monitor,’ and includes alarms to indicate transmission problems. At the same time it can deliver a high-quality audio feed for program distribution throughout the broadcast facility.

INOMini 675

aFor your up-to-the-minute best price call 800.426.8434!
The Best EAS Technology is at BSW

Snag a Better Deal When You Interface With Us! Call BSW For Pricing!
800.426.8434

Proven EAS Encoder/Decoder

The Sage Digital ENDEC offers an internal AES/EBU interface, LAN support, and a Web browser-based interface to support a new generation of EAS users. While the Digital ENDEC continues to support radio, TV and Cable users, it also supports the first responder and state/local/county emergency centers with emerging standards such as IPAWS and CAP future proof, it is designed to be ready for future revisions to the EAS system. Accessoires include Pro and Lite versions of Emergency Management Software, a relay panel to control up to 3 additional stations from a single ENDEC and a remote control to activate functions within the ENDEC system.

- 6 audio inputs; 6 serial ports
- Encoder and Microphone input
- 640 LCD display
- Internal speaker and Line Out
- Four contact closures; five GPIO inputs
- Web-Based control: 10 100 Base-T LAN support
- 2 USB connectors for printers, additional serial ports, future expansion
- AES/EBU Digital Audio Interrupt with active switching
- 64 Mb onboard storage for log files

Powerful Digital EAS Encoder/Decoder Platform

Digital Alert Systems’ DASDEC II covers all current EAS requirements and supports a range of physical connections and network protocols. It easily handles master control and station automation while covering both stereo analog and digital (AES) audio switching.

DASDEC and DASLOI have two analog audio inputs or two integrated radio receivers. The versions have four audio inputs or three integrated radio receivers with one additional analog audio input. They have an expansion slot, but do not have AES digital audio.

The DASLPFM and DASLPHM EAS encoder/decoder models have four audio inputs or three integrated radio receivers with one additional analog audio input. They also sport a hardware expansion slot and both analog and AES digital audio.

DASRAD and DASRADR EAS CAP encoder/decoder models have five audio inputs or three integrated radio receivers with one additional analog audio input. They also have a hardware expansion slot and both analog and AES digital audio.

SAGE Alerting Systems

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTSC video character generator</td>
<td></td>
</tr>
<tr>
<td>Six balanced 600 ohm audio inputs for EAS monitoring</td>
<td></td>
</tr>
<tr>
<td>Two RU chassis with 3.5” color touch-screen LCD</td>
<td></td>
</tr>
<tr>
<td>Two RS-232 serial ports, two USB ports, two Ethernet ports</td>
<td></td>
</tr>
<tr>
<td>Six balanced 600 Ohm audio inputs for EAS monitoring</td>
<td></td>
</tr>
<tr>
<td>NTSC video character generator</td>
<td></td>
</tr>
</tbody>
</table>

Effortlessly Manage Alerts With Trilithic and BSW

One-Box Solution for Audio/Video Alerts

The Trilithic EASyCAP Encoder/Decoder has everything you need to deliver audio and video alerts, such as EAS, CAP, local access messages, audio/video peripherals, control over serial and network based devices, interfaces for network management systems as well as network protocols and interfaces.

- One-box integrated solution
- Flexible and expandable open architecture
- IP-based alerting protocols
- Ethernet support for remote network control
- CAP/IPAWS
- 2 RU chassis with 3.5” color touch-screen LCD
- Two RS-232 serial ports, four USB ports, two Ethernet ports
- Six balanced 600 Ohm audio inputs for EAS monitoring
- NTSC video character generator

BSW keeps up on everything EAS to keep you compliant. BSW, the best in an emergency!
800.426.8434

BFM-PC/2000

License Key for one (1) EASyCAP unit that enables the MPEG-2/MPEG-4 streaming output feature. License Key for one (1) EASyCAP unit that enables the Network Management feature. License Key for one (1) EASyCAP unit that enables the Compliance Software feature. License Key for one (1) EASyCAP unit that enables the Compliance Assistant feature.

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

*For your up-to-the-minute best price call 800.426.8434!
Upgrade Your Broadcast Antennas

Antennas You Can Count On
Nicom B&G and B&V series FM antennas boast sturdy stainless steel construction for years of life in even the most extreme weather conditions. Call us to find the best configuration for your particular needs.

Rugged Power Dividers
Nicom B&G series power dividers smoothly divide power equally from the transmitter to all antennas connected to it. They are available in different versions depending on the power input and I/O types needed. Constructed of brass, with internal silver-plated lines and teflon insulators, these rugged units are built for high performance and built to last.

- 3-output and 4-output versions (other versions available)
- Impedance: 50 Ohms
- VSWR: 1.05:1
- Frequency Bandwidth: 15 MHz
- Max. power input: BAC3N: 1 kW, BAC4: 2 kW, BAC4N: 1 kW, BAC4L: 2 kW

Other power input options available (call BSW)

BAC3N One 7/8 input, three N outputs
BAC3N One 7/8 input, three N outputs
BAC4FL One 7/8 input, four 7/16 outputs
BAC4FL One 7/8 input, four 7/16 outputs
BAC4 One 7/8 input, four N outputs
BAC4 One 7/8 input, four N outputs
BAC4N One input, four N outputs
BAC4N One input, four N outputs

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Circularly Polarized Low Power FM Antennas
The CJP is designed specifically for omni-directional low power applications such as LFM, Translator and Booster stations.

<table>
<thead>
<tr>
<th>#</th>
<th>Model</th>
<th>Input Connector</th>
<th>List Price</th>
<th>Max input power</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CJP-1 Type “N”</td>
<td>500 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CJP-2 Type “N”</td>
<td>750 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CJP-3 Type “N”</td>
<td>1 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>CJP-4 Type “N”</td>
<td>1.5 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>CJP-5 Type “N”</td>
<td>2 kW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Vertically Polarized Low Power FM Antennas: Available in configurations up to 8 bays. Contact BSW for more details.

The JCP is a keep power antenna designed specifically for omni-directional translator/booster applications.

<table>
<thead>
<tr>
<th>#</th>
<th>Model</th>
<th>Input Connector</th>
<th>List Price</th>
<th>Max input power</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>JCP-1 Type “N”</td>
<td>500 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>JCP-2 Type “N”</td>
<td>750 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>JCP-3 Type “N”</td>
<td>1 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>JCP-4 Type “N”</td>
<td>1.5 kW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Medium Power FM Antennas (1 - 4 bays)
ERI is the only manufacturer to use large diameter outer conductors and a completely enclosed, presurized, internal isolation feed system. The result is a simple and reliable method of coupling power to the elements. Unlike competing designs, ERI series fed antennas do not require a troublesome secondary current loop for element excitation with all the resulting disadvantages. All ERI antennas include brackets for mounting on top, pole, or face mounting (up to 62 inch uniform cross section tower); brackets for other mounting configurations are optionally available. Contact BSW for your specific application.

<table>
<thead>
<tr>
<th>#</th>
<th>Model</th>
<th>Input Connector</th>
<th>List Price</th>
<th>Max input power</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LPR-1E 1-5/8-inch EIA female</td>
<td>9 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>LPR-2E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>LPR-3E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>LPR-4E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>LPR-5E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>LPR-6E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>LPR-7E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>LPR-8E 1-5/8-inch EIA female</td>
<td>12 kW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
RF EQUIPMENT - TRANSMISSION

Foam/Air Transmission Line

Andrew Cable
The Andrew Corporation, world leader in the design and manufacture of communications equipment and systems, is well known in the radio broadcast community for supplying high-quality transmission cable and related accessories. BSW is proud to represent a complete line of products for all your transmission cable requirements including the Andrew Corporation’s full line of Foam/Air dielectric cable connectors and accessories, pressurization and accessories. HELIUX coastal cable is designed to provide optimum electrical performance for a wide range of RF applications. BSW keeps both line and accessories in stock. Call or email BSW for all your Andrew needs.

Because of the complexity in designing Heliax RF Transmission Line runs, consult with BSW about your project requirements. BSW keeps both line and accessories in stock. Whether it’s a transmission line project or an off-air emergency, let BSW serve your needs.

ERI Rigid Line
During broadcasting, RF heating of the inner and outer conductors causes differential expansion between them. With original-design rigid transmission line, this expansion is compensated for with sliding metal bullets. Eventually this produces wear, hot spots—and burnout. The solution to eliminating sliding contact wear is to eliminate the sliding. All expansion of the patented ERI MACLine inner connector is taken up with a flexible, built-in bellows. Burnout and bullet replacement are eliminated. This advantage comes with no VSWR penalty or significant cost premium. Each section comes complete with a bellows assembly, stainless steel flange hardware and pressure sealing gasket. A full range of sizes is offered. Call BSW with your requirements.

RF Transmission Line and Essential Accessories

MYAT Rigid Transmission Line
MYAT components are easy to select. The first digits of the part number refer to the size of line. All 201- part numbers refer to 1-5/8-inch EIA line. All 301- part numbers refer to 3-1/8-inch EIA line. Although not listed here, MYAT manufactures rigid components from 7/8-inch EIA to 9-3/16-inch EIA. All can be supplied by BSW. Contact your BSW specialist for your specific needs.

BSW has the widest selection of RF gear at budget-stretching prices. Call us for a custom quote.

800.426.8434

RF Transmission Line

Size Type
1/4” 50 ohm - Foam - Superflexible
3/8” 50 ohm - Foam - Superflexible
5/8” 50 ohm - Foam - Standard
7/8” 50 ohm - Foam - Standard
1” 5/8” 50 ohm - Foam - Standard
1 5/8” 50 ohm - Air - Standard
1 7/8” 50 ohm - Air - Standard
2 1/8” 50 ohm - Air - Standard

BSW item # Popular connectors
FSJ1-50A F1P858-J5 F1P876
FSJ250 F2P984 F2P985
LD4-50A L4T92-J5 L4T92-FS
LD4-50B L4T92-J5C L4T92-FSC
AVX-50-FX A5N92-F5A A5N92-F5A
AVX-50-A A5N92-HA A5N92-HA
HJ850B HJ959-H9 22700-11

Popular hangar kits
11062-3 223158-2
43211A 241088-1
43211A 241088-1
43219A-5 241088-7
43219A-5 241088-7
43219A-5 241088-4
43219A-5 241088-4

Popular grounding kits

FOR YOUR UP TO THE MINUTE BEST PRICE CALL 800.426.8434!

Loaded AM/FM/Weather Radio Tuner
The Crown Broadcast RFBA-1 AM/FM/WR broadcast receiver comes standard with three receivers built into a 1 RU chassis, and is configurable to accommodate any mix of FM and AM stations plus WR. This simple-to-deploy, highly sensitive, fully DSP-based monitor system is fully frequency agile in all receivers via display and excels as a translator receiver, EAS monitor or on-air monitor.

It also offers a PC based user interface, programmable output relay, firmware updates via USB port and an RDS encoder and decoder.

Compact AM/FM Digital Tuner with XLR Outputs
Replace your old analog tuner with the compact Rolls HR78X, a PLL synthesized digital AM/FM tuner in a feature-packed half-rack-size chassis. Its 1/8” output has plenty of juice to drive a pair of headphones and it comes with FM and AM antennas.

- Large LCD digital display
- Retains presets when power is off
- Remote included

RS81-B Rack mount RDS tuner w/XLR $285.00

Load MDM/Weather Radio Tuner
Versatile Digital Tuners
Denon’s DN-350UI Internet Radio and Media Player is network ready via its Ethernet port and can play files from USB media and Bluetooth devices.

- Internet radio and FM tuner
- Enabled with Spotify Connect for direct music streaming
- Play files from USB media and Bluetooth devices
- Balanced XLR and unbalanced RCA outputs
- DN-350UI Digital coax and optical outputs

DN-350UI $299.00

*FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434*

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434
Clear-Com's High Performance Intercom Interfaces

High Performance IP Communications Interfaces

- Easier transport audio and call signaling over LAN, WAN and Internet networks
- Low-latency OPUS-CODEC
- 12 kHz frequency response
- Paint-to-point and group audio routing
- Increase channel count for HelkNet main stations
- Core Configuration Manager (CCM) Software
- Web server inside each device
(no additional software needed)

LQ Series

Bring the power and versatility of IP to your intercom system.

LQ Series IP interfaces are also available for IP devices that enable the distribution of audio and communication signals over various LAN, WAN and Internet systems. The LQ Series also allows users to extend their intercom footprint by connecting systems and devices via AoIP, IP, and Agent-IC mobile apps for iOS or Android devices.

LQ-2W3
- 2 Ch, Party-line IP communications interface

LQ-4W3
- 4 Ch, 4-Way IP communications interface

LQ-4W1
- 4 Ch, 4-Way IP + PIS interface

LQ-2W96
- 8 Ch, 2-Way IP communications interface

LQ-2W96
- 8 Ch, 4-Way IP + party-line interface

LQ-8W96-IP
- 8 Ch, 8-Way IP communications interface

DX210 Digital Wireless System

The DX210 is a two-channel wireless system enable up to four synchronized co-located base stations for up to 44 user devices with up to 16 in hands-free, full-duplex mode. Wired interfaces make the DX210 compatible with existing 2-wire or 4-wire matrix systems.

- B220
  - $399.00

- B230
  - $499.00

- B240
  - $599.00

IFB System with Extended Operating Range

This high-quality Lectrosonics interruptible foldback system was designed for use in broadcast applications where extended operating range and high-quality audio are essential.

- All metal construction for durability
- 256 UHF frequencies in 100 kHz steps
- Microprocessor controlled operation
- Pilot tone squelch
- Multi-color LED and rotary control
- 250 milliwatt power output for long range use
- More frequency blocks available at BSWUSA.com

IFB41-UHF

- UHF transmitter

IFB61-VHF

IFB61-811

- Multi-Frequency Belt Pack Receiver

IFB61-811

- Multi-Frequency Belt Pack Receiver with 4017 Charge

Versatile Wireless Headset Interfaces

BlueSet Series intercom headset adapters use Bluetooth wireless technology and can plug directly into most party line (PL) belt packs (including Clear-Com and Telos), replacing the wired headsets.

- Pairs to your Bluetooth headset and leave your belt pack on the desk as you walk around the room
- Pairs to your cell phone to extend your system around the world
- 3.5 mm stereo headset jack contains a mic, level output signal suitable for recording
- Extend intercom headset compatibility

BLUESET-4F

Female, 4-pin

BLUESET-4F

Female, 5-pin

BLUESET-M4

Male, 4-pin

Wireless Intercom System Link

JK Audio's Outloop links an existing intercom system. This universal belt pack provides connectivity for your existing 4-pin or 5-pin intercom headset, routing audio through your mobile device over a Bluetooth wireless connection.

- HDVoice (wideband speech) compatible
- Front panel Send and Receive level controls
- Push-Off, Push-Off Talk button
- Receives sidetone level control
- > 10 hours on one 9VDC battery

OUTLOOP-M

Male, 4-pin/5-pin

OUTLOOP-F

Female, 4-pin/5-pin

Outlooks M/F

OUTLOOP M/F $399.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

See the video at bswusa.com/IFB41-21

See the video at bswusa.com/BLUESET-4F
Intercom Systems From BSW And Clear-Com

**Wired Analog Beltpacks**
The RS-700 Series beltpacks are one or two-channel beltpacks, equipped with XLR-3 or XLR-6 line connector and XLR-4M headset connector. These beltpacks feature high-headroom and low-noise audio to deliver distortionless crystal clear audio.

- **LED indicators**
- **Tactile buttons for Call and Talk**
- **Concealed, programmable DIP Switches**
- Low operating current for more beltpack chaining

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>Description</strong></th>
<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>RS-701</td>
<td>Single channel wired beltpack (XLR-3 line connector)</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>RS-702</td>
<td>2-channel dual beltpack (XLR-6 line connector)</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>RS-703</td>
<td>2-channel dual beltpack (XLR-3 line connector)</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
</tbody>
</table>

**Power Supplies**
Intercom power supplies deliver sufficient power to support one to four channels of intercom, up to 40 beltpacks, 10 speaker stations or 12 headset stations.

- **Elk-1** - 1-Channel, 0.4 Amp portable power supply
- **Elk-2** - 2-Channel, 1 Amp (2 Amp peak) rack mount system power supply
- **Elk-4** - 4-channel, 2 Amp rack mount (1RU) system power supply

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.*

**Main Stations**
Two-and four-channel main station kits operate talk and listen on one or more channels. Systems are powered by the intercom line.

- **Selectatele one- or two-channel communication**
- **Balanced audio input with program interrupt (IFB)**
- **Four independent intercom channels for ultimate flexibility**
- **Three Interruptible IFB channels make talent cueing easy**

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>Description</strong></th>
<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>RM-702</td>
<td>2-Channel rack mount (1RU) remote station</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>RM-704</td>
<td>4-Channel rack mount (2RU) remote station</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
</tbody>
</table>

**Remote Stations**
Two- and four-channel remote stations kit operate talk and listen on one or more channels. These stations access one or two intercom channels with built-in fail-safe intercom power supply.

- **Supports up to 5 beltpacks or 10 speaker stations on 4-channels.**
- **Automatic short-circuit protection and reset with LED indicators**
- **Dual-action electronic momentary/latching Talk buttons**
- **Mic- or line-level program with selectable Program Interrupt**

**Wall-Mount/Speaker Stations**
These stations access one or two intercom channels to give you basic talk/listen operations.

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>Description</strong></th>
<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>KB-701</td>
<td>1-Channel flush mount push to talk speaker/mic station</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>KB-702</td>
<td>2-Channel flush mount headphone/speaker station</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>KB-703b</td>
<td>Adds androgynous mic connector</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>V-BOX</td>
<td>Portable/Desktop or wall mounting option</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
</tbody>
</table>

**Freespeak II Digital Wireless System**
Clear-Com’s Freespeak II digital wireless system is a powerful and reliable wireless intercom platform operating in the 1.9 GHz and 2.4 GHz frequency bands. Each base station can manage up to 25 beltpacks and up to 10 transceivers and intelligently mix 1.9 GHz and 2.4 GHz components in the same system. The browser-based CCM allows real-time configuration, statistics, beltpack and transceiver diagnostics, as well as Remote Mic Kill functionality.

- **Handles up to 20-full dual beltpacks as standalone system**
- **4-wire and partyline intercom connectivity, program feed input, announce, IFB**
- **Up to 5 wireless partyline groups and partyline call alert functionality**
- **Up to 16-hour battery life on USB port for continuous beltpack operation**

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
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<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>FSII-BA10</td>
<td>Freespeak II digital license-free wireless base station</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>FSII-BP10-X 4</td>
<td>1.9 GHz beltpack, X4</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>FSII-BP10-X 5</td>
<td>1.9 GHz beltpack, X5</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>FSII-BP10-X 7</td>
<td>1.9 GHz beltpack, X7</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>FSII-BP40-X 4</td>
<td>2.4 GHz beltpack, X4</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>FSII-BP40-X 5</td>
<td>2.4 GHz beltpack, X5</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>FSII-TMA24</td>
<td>Transceiver antenna for FSII-24 beltpacks</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
</tbody>
</table>

**Clear-Com Encore analog partyline systems offer unsurpassed 2-wire, group communication capabilities, with an intuitive plug-and-play design, superior audio and reliable communication technology for the most demanding applications.**

**Accessories:**
- **FSII-SPL** Antenna splitter
- **AG8** Battery charger
- **BAT60** Battery

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.*

**Headsets**
Clear-Com’s full range of professional headsets are made for users of wired or wireless intercom systems. They offer long-wearing comfort, noise reduction/cancellation for superior audio intelligibility and excellent acoustic isolation.

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
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<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>HLI-FBS</td>
<td>Single-ear headset</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>HLI-ET2</td>
<td>Double-ear headset</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>HLI-PK1</td>
<td>Single-ear headset</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>HLI-PK4</td>
<td>Double-ear headset</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>HLI-ET8</td>
<td>Single-ear light headset</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>SNQ 1</td>
<td>Que-Com single-ear headset/beltpack</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
</tbody>
</table>

**Freespeak II Digital Wireless System**
This configuration of Clear-Com’s HME DX410 two-channel digital wireless intercom system includes a BX410 base station, four BP40 beltpacks, four CC-110-X4 single ear noise canceling headsets, batteries and charger.

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
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<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>DX410-4UP</td>
<td>Beltpack system</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>BX410</td>
<td>Base Station</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>BP40</td>
<td>Beltpack</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
<tr>
<td>WH410</td>
<td>Wireless headset</td>
<td><em>Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.</em></td>
</tr>
</tbody>
</table>
A WORLD OF NEW INTERCOM POSSIBILITIES NOW EXISTS WITH MICROCOM PROFESSIONAL WIRELESS INTERCOM.

Simple and affordable, MicroCom is an ideal solution for applications where quality intercom wasn’t previously a viable option. Hands-free, high-quality audio, excellent range, and other key features help you to get the job done without breaking the bank.

- Easy to set up and use
- 900Mhz for great wireless performance and range
- Pack-to-pack communication (no basestation!)
- Clear audio even in loud environments
- Wide selection of professional headsets

GET MORE AND SPEND LESS.

Call BSW for your best price on PLIANT TECHNOLOGIES 1-800-426-8434

Broadcast Now, Pay Later!
Ask about financing orders over 20k. Learn more at BSWUSA.COM
Powerful, Reliable Headphone Amps
Rolls offers portable and rack-mount solutions for large production rooms or your smaller home setup.

RA42C:
- Six channel and six XLR outputs per channel with level controls
- Headphone and headphone outputs may be used simultaneously
- 1/4"XLR and XLR main inputs, 6 TRS stereo insert jacks
- CULP LED for each channel

RA53B:
- Five 1/4" TRS headphone outputs with level controls
- 1/4" and 3.5mm outs can be used simultaneously for 10 total outputs
- XLR, 1/4" and RCA right and left inputs
- Inserts on three channels

RA62C:
- Stereo 1/4" and dual RCA inputs
- Slider volume controls
- 20 Hz-20 kHz frequency response
- Slider volume controls

RA43PRO:
- 6-channel and 5-channel lists $189.00
- 4-channel list $50.00

Flexible, Expandable Headphone Amp
The Rolls RA102 is a 10-channel professional headphone amplifier with a host of connections to handle any professional application. Its join function allows many RA102s to be linked together without any signal loss or impedance issues.

1/4" chassis to maximize your rack space
- Both balanced XLR and unbalanced RCA inputs
- Ten 1/4" TRS stereo and ten 1/8" TRS stereo outputs
- Suitable for a wide range of headphones

RA102:
- 6-channel list $179.00
- 5-channel list $159.00
- 4-channel list $139.00

Powerful Portable Listening Amplifier
The Share SH4000 Portable Listening Amplifier features a USB digital-to-analog converter that converts analog or digital audio from portable digital audio sources and computers. It offers a 24-bit/96 kHz conversion rate, customizable 4-band parametric EQ, rechargeability and input level meters.

- Enhanced audio control
- Multiple output gain
- Integrated USB rechargeable battery
- Compatible with Mac, PC, iOS and Android devices

SH4000:
- 8-channel list $499.00

Handy Portable Headphone Amps
JK Audio combines premium audio electronics in rugged belt pack designs.

- RemoteAmp works as an IFB earpiece or headphone amplifier. It accepts an XLR audio input from a mixer, distribution amplifier, telephone line hybrid or a handheld interface.
- RemoteAmp Two provides a listen only connection for mono IFB or full bandwidth stereo music listening. Separate volume controls for the XLR and 3.5 mm line input jacks allow a simple mix of mono and stereo sources.
- XLR line level input, 3.5 mm stereo input jack
- 3.5 mm earphone jack, 1/4" headphone jack
- Compatible with party line intercoms
- More than 20 hours operation on one 9-volt battery
- Integrated speaker (RemoteAmp Three)

REMOTEAMP:
- 8-channel list $261.25
- 4-channel list $232.75

Multi-User Headphone System With Zoned Talkback
Henry Engineering’s MultiPhones II system, consisting of a Master unit and up to 12 satellite Guest Pods interconnected with standard CATS cabling, offers independent stereo headphone listening facilities with Zoned Talkback for up to 12 users.

- MultiPhones II: Master unit distributes Program audio to all Guest Pods or MultiPods via three outputs, with each output working as an isolated Talkback zone
- Guest Pod(s): stereo headphone amplifier, volume control and 1/4" and 1/8" headphone jacks
- Cuff bottom and mix on LED
- MiniPod: headphone amplifier with level control and both 1/4" and 1/8" headphone jacks

MULTIPHONES II:
- 12-channel list $959.95
- 8-channel list $799.95
- 4-channel list $659.95

High Power Headphone Amp
The Broadcast Tools HPA-2 Plus is a compact high-power dual-input stereo headphone amplifier that lets you monitor between two independent stereo input sources. You can mount it on your desktop or under the counter.

HPA-2 PLUS:
- 2-channel list $159.00

Multi-User Headphone System With Switched Talkback
Anita Engineering’s Mix/Switch/Distribution Interface

- PROMIX-HUB-6: Mic/Switch/Distribution Interface
- PROMIX-HUB-4: Mic/Switch/Distribution Interface
- PROMIX-1: Mic/Switch/Distribution Interface
- PROMIX-1:
- AHR1PLUS:
- REMOTEAMP TWO:
- REMOTEAMP ONE:
- REMOTEAMP THREE:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
- REMOTEAMP PRO:
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Critically Acclaimed Audio-Technica Headphones

These headphones offer sonic accuracy and long-term comfort while appealing to any budget. All feature a closed-back, around-the-ears design for excellent sound isolation in loud environments and large, high-performance drivers.

- ATH-M20x: great for tracking and mixing with enhanced low-frequency response (15 Hz to 20 kHz)
- ATH-M30x: wide frequency response (15 Hz to 22 kHz) with excellent mid-range definition
- ATH-M40x: tuned flat for accurate sound monitoring across its entire frequency range (15 Hz to 24 kHz)
- ATH-M50x: Superior sonic performance with exceptional clarity throughout an extended frequency range (15 Hz to 28 kHz) and deep, accurate bass response

New 2.0

Critically Acclaimed Audio-Technica Headphones

These dynamic studio headphones from AKG offer excellent sound quality and a comfortable fit in a range of styles and price points to handle any need. Call or visit our website for full specs.

- ATH-M40x: $149.00
- ATH-M50x: $199.00
- ATH-M60x: $249.00
- ATH-M70x: $299.00

Industry-Favorite Studio Headphone

The Sony MDR 7506 delivers a wide frequency response of 10 Hz–20 kHz in a comfortable, sealed ear format that provides excellent isolation. It offers a miniplug connector with 1/4” screw-on adapter and low 24 ohm impedance.

NEW

Ath M40X

Ath M50X

Ath M60X

Ath M70X

Studio Headphones for Every Job

These dynamic studio headphones from AKG offer excellent sound quality and a comfortable fit in a range of styles and price points to handle any need. Call or visit our website for full specs.

- K70: closed-back, 40mm drivers, 32 ohms impedance, 10 Hz–20 kHz frequency range
- K71: closed-back, foldable, 50mm drivers, 32 ohms, 15 Hz–28 kHz (BT version offers wireless Bluetooth)
- K240S: semi-open for natural sound, circumaural, 55 ohms impedance, 15 Hz–25 kHz frequency range
- K240MKII semi-open, circumaural, 55 ohms impedance, 15 Hz–25 kHz frequency range, Varimotion technology for great sensitivity and high SPL

NEW

K70

K71

K240S

K240MKII

Thirty Music, A Good Pair of Headphones is a Valued Companion. You'll Find Plenty to Choose from Here.

Ultimate Headphone 5-Pack

Replace your dusty old cans in one fell swoop with this customer-favorite 5-pack. Partnering with headphone giant Audio-Technica, BSW has designed from the ground up a quality on-air headphone at a budget-loving price. These closed back dynamic hi-fi stereo headphones offer longwearing comfort with minimal ear fatigue and boast soft leatherette ear cups in an ultra-lightweight design.

ATH-BSW 5PACK

5-Pack headphones $109.99

BSW USA.com

Five Hot Headphones, One Cool Price

Replace your dusty old cans in one fell swoop with this customer-favorite 5-pack. Partnering with headphone giant Audio-Technica, BSW has designed from the ground up a quality on-air headphone at a budget-loving price. These closed back dynamic hi-fi stereo headphones offer longwearing comfort with minimal ear fatigue and boast soft leatherette ear cups in an ultra-lightweight design.

ATH-BSW 5PACK

5-Pack headphones $109.99

BSW USA.com

Beyerdynamic DT Series Headphones

These 250 ohm headphones excel in a wide range of applications and offer great sound, long-term comfort and single-sided cables for ease of use. Visit our website for full details.

- DT 770 PRO: Closed circumaural, wide frequency response of 5 Hz–35 kHz, 18 dB ambient noise isolation, Bass Reflex technology for strong bass response
- DT 880 PRO: Semi-open stereo studio headphone for mixing and mastering applications

NEW

DT770PRO

DT880PRO

DT250

DT240PRO

Shure SRH Headphone Series

• SRH240A: full bass with detailed highs.
• SRH440: enhanced frequency response
• SRH1840: open-back design and superb acoustic performance
• SRH1840: optimized for studio recording
• SRH440: pro reference headphone

NEW

SRH240A

SRH440A

SRH1840

SRH440

SRH240

SRH1840

SRH440A

SRH240A

BSW USA.com

“BSW USA.com”

Five for $109.99

(That’s A Big Feature)

(That’s A Big Feature)

For recording projects, critical listening or to enjoy some music, a good pair of headphones is a valued companion. You’ll find plenty to choose from here.

For recording projects, critical listening or to enjoy some music, a good pair of headphones is a valued companion. You’ll find plenty to choose from here.

For recording projects, critical listening or to enjoy some music, a good pair of headphones is a valued companion. You’ll find plenty to choose from here.
The Hottest Headphones are at BSW

Wireless Noise Cancelling Headphones
Available in black and brown models, Shure’s AONIC 50 wireless noise-canceling headphones deliver premium audio quality with superb comfort and durability. • Studio-quality sound • Bluetooth 5 wireless technology for enhanced stability • Adaptable noise cancellation • Fingertip controls to answer calls, adjust volume or pause audio • 3.5mm analog audio input for wired sources • Rechargeable battery works for up to 20 hours
AONIC50-BR Black $399.00
AONIC50-BR Brown $399.00

Professional Closed-Back Headphones
These closed-back headphones from Mackie feature a precision 50mm driver for clear, dynamic sound and low-end response that can keep up with the most demanding applications, plus an ergonomic headband and ear pads for hours of listening comfort. Included is a detachable cable, 1/4” adapter and a protective soft bag. They are perfect for studio monitoring, DJ applications or critical listening on the go.
MC-150 $69.99
MC-250 $99.99
MC-350 $199.99
MC-450 $299.99

Top-Notch Monitoring Headphone
The Sennheiser HD280 Pro closed-ear headphone boasts superb audio quality and a collapsible design with swiveling ear cups for maximum flexibility. • Dynamic stereo headphone • Accurate, linear sound reproduction • 64-ohm impedance • Wide 8 Hz–25 kHz frequency response • Up to 32 dB of ambient noise attenuation • Single-sided, coiled cable with mini plug and 1/4” adapter
HD280PRO $79.95
HD220PRO $69.95
HD300PRO $199.95
HD300PROTECT $229.95

Professional In-Ear Monitors
Professional In-Ear Monitors feature specially molded enclosures for an ergonomic fit providing hours of comfort and superior noise isolation. The over-ear design ensures an uninterrupted performance while the precision tuned dynamic driver provides clear and punchy sound so you never miss a beat. And with the included hard case, your investment will always be protected. When you want to hear yourself on stage without all the noise that comes with it.
MP-120 $99.99
MP-220 $149.99
MP-240 $199.99

Make Your Earphones True Wireless
Sound Isolating Earphones with Wireless Options
State-of the-art, unparalleled audio is delivered through four custom-engineered drivers – each tailored to blend precisely with the others. Customizable sound signatures for balanced, warm and bright audio is heightened listening at its finest. Pure bliss for the refined ear, available in four striking color options.
SE215-CL Clear $125.00
SE215-K Black $99.00
SE425-CL Clear $269.99
SE425-V Silver $269.00
SE425-CL Clear $499.99
SE846-CL Black $999.99
SE846-BLUE-CL Clear $561.00
SE846-CL $999.99
SE846-R-CL Black $999.99

Advanced In-Ear Monitors
Audio-Technica’s E-Series in-ear monitors offer high fidelity and excellent sound isolation. The ATH-E40 delivers powerful bass along with balanced mid and high frequencies. The ATH-E50 excels at providing a consistent reference in every sonic environment, making it the perfect choice for the producer on the road. The flagship ATH-E70’s accuracy and detail allows precise balancing of the mix, making it ideal for monitoring on stage or mixing in the studio.
ATH-E40 Black $399.00
ATH-E50 Black $199.00
ATH-E60 Black $99.00

Top performing headphones, in-ear monitors, & earphones! Do tomorrow with BSW!
Hear and Be Heard

BPHS2 On-Ear
Broadcast Headsets

Created especially for news and sports broadcasting, the lightweight, rugged BPHS2 dynamic and BPHS2C condenser stereo headsets and BPHS2S single-ear headset offer highly articulate vocal reproduction and a comfortable, on-ear fit. The headsets utilize the same drivers found in the ATH-M60x pro headphones to deliver exceptional clarity throughout an extended frequency range. They also feature an easily positioned boom-mounted microphone that keeps the pickup focused on the broadcaster’s voice, reproducing it with a rich, broadcast-ready sound.

Specially designed for news and sports broadcasting, the rugged Audio-Technica BPHS1-342 Buy 2 get 1 FREE! Perfect for sports broadcasting, announcing & interviews, this rugged Audio-Technica

Rugged, Affordable Headset

Perfect for sports broadcasting, announcing and interviews, this rugged Audio-Technica headband is the full meal deal:

• Cardioid dynamic microphone rejects off-axis sounds
• Boom-mounted microphone can be positioned on the left or right side
• Headphone is closed-back to seal-out background noise
• Detachable cable terminates in 3-pin XLRM for microphone and 1/4” headphone
• Frequency Response 20-20,000 Hz (Headphone) 40-20,000 Hz (Microphone)

BPHS1 $199.00
BPHS1-342 Buy 2 get 1 FREE $99.00

Accessories:

• AT8162 Windscreen $90.00

See the video at bswusa.com/BPHS1

SAVE WITH BPHS1-342: BUY 2, GET ONE FREE!

BROADCAST HEADSET WITH INSTALLED CONNECTORS, 3 QUANTITY

BPHS2

High-Fidelity Broadcast Headset

Specially designed for news and sports broadcasting, the rugged Audio-Technica BPHS2 stereo-headset offers highly intelligible and commanding vocal reproduction, along with a comfortable fit and excellent sound isolation.

• Low-profile, closed-back design provides excellent isolation and fit
• Proprietary 45 mm large-aperture drivers
• Hypercardioid dynamic microphone with frequency response tailored for commanding, broadcast-ready vocal reproduction
• Low-impedance design for high output level from any headphone output
• Boom-mounted microphone can be positioned on the left or right side

BPHS2 $349.00
BPHS2C $399.00

New

Great Broadcast Headsets

Sennheiser’s HMD 26-II features extra soft ear cushions and headband paddings for outstanding wearing comfort. Its closed, supra-aural headphones deliver high maximum SPL and provide good passive noise attenuation. The HMD 26 II boosts a pre-polarized condenser microphone for crystal-clear audio transmission.

The HMD 27 sports a dynamic microphone and a closed, circumaural earcup design. Its headband is specially constructed to deliver exceptional wearing comfort over long working hours.

• Accurate and linear sound reproduction for professional Radio and TV applications
• ActiveGard (on/off switch) for protected hearing
• Swiveling ear cap for single sided listening

HMD26-II-600-X3K1 $449.95
HMD27-XLR $549.95

NEW

Pro Broadcast Headset

Sennheiser’s HMD 300 Pro offers superb comfort, crystal clear sound and ActiveGard hearing protection. It delivers maximum intelligibility in the most demanding environments.

• Accurate sound reproduction, optimized for speech intelligibility
• Switchable hearing protection (ActiveGard)
• Longwearing comfort for extended sessions

HMD300-XLR $398.00

NEW

Sports Remote Package

ProMix 4 is a full-featured audio mixing console perfect for most any broadcast studio while also excelling in remote broadcast and podcasting applications. It features three microphone and/or line inputs as well as a dedicated line input that may be switched between a balanced line input and the internal USB codec.

ProMix 4-PKG $699.00

Call BSW for your best price on Audio-Technica 1-800-426-8434

800/periodcentered.cap426/periodcentered.cap8434 • BSWUSA.COM • INFO/at.capBSWUSA.COM
DT290MKII, DT297PV MKII 80XLR, BRH440M, BRH441M and BRH50M come prewired with XLR mic & 1/4" headphone connectors attached & ready to go!

**BRH440M-XLR**
Dual-sided broadcast headset with installed XLR / 1/4" connectors
List $365.95
$249.00

**BRH441M-XLR**
Single-sided broadcast headset with installed XLR / 1/4" connectors
List $340.95
$229.00

**BRH50M**
Dual-sided broadcast headset with BCASCA-NXLR3QI terminated cable
List $499.00
$399.00

**Dedicated Shure Broadcast Headsets**
Specially designed for broadcast and media production applications, these Shure headsets have the features today’s broadcasters demand. Each provides exceptional audio quality, comfort, and durability to meet the exacting standards of field production professionals.

**BRH440M:**
- Circumaural ear cups block out background noise
- Dynamic cardioid microphone offers superb vocal reproduction
- Flip-up microphone mute function
- Modular cable with terminated XLR - 1/4" connectors

**BRH441M:**
- Single-side circumaural ear cup eliminates background noise
- Dynamic cardioid microphone with flip-up mute function
- Modular cable with terminated XLR - 1/4" connectors

**BRH50M:**
- Closed back, supra-aural ear cups with low-profile, on-camera design
- High performance dynamic microphone with cardioid polar pattern
- Fully adjustable headband for comfortable, ergonomic fit

**Headsets for Challenging Remotes**

Precise, Balanced Sound
The Beyerdynamic DT 290 MKII features an efficient neodymium magnet system, with precise and balanced sound. The DT297 PV MK II 80 is great for on-air news and sports commentaries. It offers excellent isolation from ambient noise. The single cable is detachable and the ear cushions are replaceable. The pivoting gooseneck microphone boom can be swiveled to work on the left or right side of the headset, or set to the upper position when not in use. Both models come with XLR connectors.

**DT290MKIIXLR**
List $519.99
$299.00

**DT297PV MKII 80XLR, BRH440M, BRH441M and BRH50M come prewired with XLR mic & 1/4" headphone connectors attached & ready to go!**

**Precise, Balanced Sound**
The Beyerdynamic DT 290 MKII features an efficient neodymium magnet system, with precise and balanced sound. The DT297 PV MK II 80 is great for on-air news and sports commentaries. It offers excellent isolation from ambient noise. The single cable is detachable and the ear cushions are replaceable. The pivoting gooseneck microphone boom can be swiveled to work on the left or right side of the headset, or set to the upper position when not in use. Both models come with XLR connectors.

- Flexible gooseneck for optimal positioning
- Noise cancellation
- XLR connectors included
- Rotatable left-side/right-side mic holder
- Hypercardioid polar pattern for high gain before feedback

**DT297PV250**
List $499.99

**DT297PV MKII 80XLR**
List $399.00

**DT297PV MKII 80XLR**
List $399.00

**Accessories:**
5-pack Calrad windscreens
$11.95

**BSW**

Better Gear
Better Sound

If you have something to say, you want people to hear it. And while crafting your message is vitally important for attracting listeners, so is the craftsmanship of the equipment you use. Second-rate ideas don’t go very far. Neither do first-rate ones using second-rate gear.

At BSW, we make sure we have the finest gear available, crafted to handle the demands of a wide range of broadcasting applications. We also make sure we know the equipment we sell, so we can put the right tools in your hands to make your voice travel farther.

**BSW**

HSW USA

Customer Favorite

BSW is my go-to place. They usually have what I need in stock and it’s at our studio within 48 hours.

— Andres Cantor, celebrated soccer play-by-play announcer
ACCESS/ NX WITH MIXER
This bundle comes with a Gator waterproof case!

NEXT, CHOOSE YOUR MIXER/CODEC

ACCESS2GO PACKAGES & PRICING

| ACCESS2GO-1 | ACCESS-NX, ACCESSMIXER, Waterproof Case, (2) BPHS1 | List $5,591.07 | $3,999.00 |
| ACCESS2GO-2 | ACCESS-NX, ACCESSMIXER, Waterproof Case, (2) BPHS2 | List $5,891.07 | $4,299.00 |
| ACCESS2GO-3 | ACCESS-NX, ACCESSMIXER, Waterproof Case, (2) BRH440-XLR | List $6,491.07 * | $4,999.00 |

*Does not include ACCESS-RACK needed for complete system

Accessories:
ACCESS-RACK Rackmount Stereo IP/POTS Codec $3,000.00

REMOTE2GO PACKAGES & PRICING

| REMOTE2GO-1 | RemoteMix 2 w/ 2 BPHS1 Headsets and Waterproof Case | $1,299.00 |
| REMOTE2GO-2 | RemoteMix 2.5 w/ 2 BPHS1 Headsets and Waterproof Case | $1,899.00 |
| REMOTE2GO-3 | RemoteMix 4 w/ 2 BPHS1 Headsets and Waterproof Case | $2,299.00 |
| REMOTE2GO-4 | RemoteMix 2 w/ 2 BPHS2 Headsets and Waterproof Case | $1,999.00 |
| REMOTE2GO-5 | RemoteMix 2 w/ 2 BRH440-XLR Headsets and Waterproof Case | $1,899.00 |

For bundle details or questions, give us a call!
1.800.426.8434
# Audio Mixers

## Flexible Automatic Mic Mixers

Share SDM10 and SDM410 automatic mixers are a quick, easy and effective solution for setting up a multi-mic room. They utilize innovative IntelliTech technology, they silently activate only the microphones being addressed and automatically adjust each mic's threshold to changes in background noise. They also maintain a consistent output level no matter how many microphones are activated. For ultimate flexibility, models are available with various connector options.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCM140</td>
<td>4 CH automatic mic mixer</td>
<td>$699.00</td>
</tr>
<tr>
<td>SCM120</td>
<td>8 CH automatic mic mixer</td>
<td>$1,365.00</td>
</tr>
<tr>
<td>SCM20</td>
<td>8 CH digital automatic mixer, block connectors</td>
<td>$1,699.00</td>
</tr>
<tr>
<td>SCM20-DN</td>
<td>8 CH automatic mic mixer, Dante digital audio</td>
<td>$2,099.00</td>
</tr>
<tr>
<td>SCM20-DE25</td>
<td>8 CH digital automatic mixer, DE25 connectors</td>
<td>$2,499.00</td>
</tr>
<tr>
<td>SCM20-DE25S</td>
<td>8 CH digital automatic mixer, DE25 connectors, Dante™ digital audio</td>
<td>$2,999.00</td>
</tr>
<tr>
<td>MX54S</td>
<td>3 Channel mic mixer</td>
<td>$125.00</td>
</tr>
<tr>
<td>MX310</td>
<td>4 CH mic/mix</td>
<td>$150.00</td>
</tr>
<tr>
<td>MX410</td>
<td>4 Channel mic mixer</td>
<td>$180.00</td>
</tr>
<tr>
<td>RM85</td>
<td>Two Zone mic/line mixer</td>
<td>$225.00</td>
</tr>
<tr>
<td>RMX10</td>
<td>Field mixer 4 CH w/LED meters</td>
<td>$230.00</td>
</tr>
<tr>
<td>RMX10</td>
<td>3 Channel mic mixer</td>
<td>$230.00</td>
</tr>
</tbody>
</table>

## Handy Rolls Mixers

The Rolls ProMix IV (MX124) four-channel mixer works great for easily sub-mixing microphones in an installation or recording application. The ProMix Plus (MX345) mixes three XLR mic inputs into two XLR outputs. Each input has switchable phantom power, true cut switch and level control.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MX124</td>
<td>4 Channel mic mixer</td>
<td>$150.00</td>
</tr>
<tr>
<td>MX345</td>
<td>3 Channel mic mixer</td>
<td>$180.00</td>
</tr>
<tr>
<td>RM85</td>
<td>8 Channel mic/line mixer</td>
<td>$225.00</td>
</tr>
<tr>
<td>RMX10</td>
<td>Two Zone mic/line mixer</td>
<td>$230.00</td>
</tr>
<tr>
<td>RMX10</td>
<td>Field mixer 4 CH w/LED meters</td>
<td>$230.00</td>
</tr>
</tbody>
</table>

## Rugged Utility Audio Mixers

The Mic and Headphone Control Center is the easy-to-use Henry Talent Pod announcer’s mic and headphone controller excels at sporting events and on-location broadcasts, providing talent with a mix of Local and Return audio for their headphones.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMOTEMIX2</td>
<td>100-240VAC External AC Supply</td>
<td>$779.00</td>
</tr>
</tbody>
</table>

## 4-Channel Utility Mixer

The Broadcast Tool Mix-4 is a four-channel stereo line level mixer boasting a professional microphone input, along with a stereo line output and mono microphone input to a telephone hybrid. Each input is equipped with a high quality rotary level control and on/off switch with LED indicator.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMOTEMIX2</td>
<td>100-240VAC External AC Supply</td>
<td>$779.00</td>
</tr>
</tbody>
</table>

## Broadcast Field Mixer and Much More

- Two XLR mic jacks
- Two 1/4” Headphone jacks with individual level controls
- XLR Line Out
- 3.5 mm Send and Receive jacks
- LED VU Meter
- Phone line hybrid with DTMF keypad
- Wired phone headset interface (2.5 & 3.5 mm interfaces)
- Dual 9 volt batteries
- 100-240VAC External AC Supply

**Price:** $779.00

**Accessories for REMOTEMIX, REMOTEMIX2 and REMOTEMIX3:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRN45</td>
<td>1/4” to 2.5 mm Cellular Replacement Cable</td>
<td>$10.50</td>
</tr>
<tr>
<td>CNY13</td>
<td>4-conductor 3.5 mm headset adapter cable</td>
<td>$425.00</td>
</tr>
</tbody>
</table>

## Handy Mic and Headphone Controller with Talkback

The Henry Engineering Sports Pod is an announcer’s mic/headphone controller and intercom system that's ideal for sporting events, on-location broadcasts or in any studio. It offers active mic audio on/off switching as well as the ability to remotely control the mic.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMOTEMIX2</td>
<td>100-240VAC External AC Supply</td>
<td>$779.00</td>
</tr>
</tbody>
</table>

**Price:** $779.00

**Accessories:**

<table>
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<th>Product</th>
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</tr>
<tr>
<td>CNY13</td>
<td>4-conductor 3.5 mm headset adapter cable</td>
<td>$425.00</td>
</tr>
</tbody>
</table>

## Take Your Show On The Road With These Great Mixers!

### Field Mixer, Headphone Amp and Communications Interface in One!

- Four XLR mic inputs with switchable 48V phantom power
- Separate headphone level controls, separate headphone source selection
- PBX/handset interface, 2.5 mm cell phone interface
- HD Voice (wide band speech) compatible
- Bluetooth Wireless Technology

**Price:** $1,448.75

**Accessories for REMOTEMIX, REMOTEMIX2 and REMOTEMIX3:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRN45</td>
<td>1/4” to 2.5 mm Cellular Replacement Cable</td>
<td>$10.50</td>
</tr>
<tr>
<td>CNY13</td>
<td>4-conductor 3.5 mm headset adapter cable</td>
<td>$10.50</td>
</tr>
</tbody>
</table>

### Premium 4-Channel Field Mixer

- Four channel mic/mix and headphone amp
- Four low-noise, high-headroom stereo balanced mic inputs
- Individual mic levels and PBX handsets
- 120 Hz low cut filter
- Four 1/4” headphone jacks with individual source selector and level control
- Phone head interface with 3.5 mm TRS plug

**Price:** $1,230.25

### Take Your Show On The Road With These Great Mixers!

### Great For Sports Remotes

**Price:** $1,230.25

**Accessories:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRN45</td>
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</tr>
<tr>
<td>CNY13</td>
<td>4-conductor 3.5 mm headset adapter cable</td>
<td>$425.00</td>
</tr>
</tbody>
</table>

### Sports Broadcast Audio Controller System

The SportsCaster provides integrated management of all audio functions:

- Talent mic audio mixing
- Talent headphone audio distribution
- Talkback/Intercom/Mic Facility for Producer
- Duplex intercom between Producer and Talent
- Producer headphone audio mixing

**Price:** $1,295.00
Voice Processing

VOICE PROCESSORS

Best Value Voice Processor

The sensibly priced dbx 266 mic preamp offers wide-ranging input gain control, switchable -48V phantom power and an 80 Hz high-pass filter to remove low frequency hum. Its OneEasy compressor smooths out uneven dynamics, while its Enhancer HF Detail control adds sparkle and crispness and LF Detail control to add fullness and depth. Studio quality Mic Preamp / Channel Strip Processor - Classic dbx Compression plus great sound within easy reach - Frequency tunable De-Esser.

*Enhancer increases detail and definition of high/low frequencies
*Program adaptive Expander/Gate
*48V Phantom Power
*Precision detented controls
*Insert jack allows you to add an external processor
*Full complement of meters and status LEDs.

266X $219.00
SM7R-266X-PKG List $499.00

Networked Systems Adapt to Every Voice

Omnia VOCO-8 networked mic processing systems can adapt to nearly any voice or microphone, with factory presets tuned for both male and female voices and various degrees of processing. VOCO models offer individual processing for two, four or six mic networks through an entire facility, with each mic channel boasting a studio-grade pre-amp, phantom power and controls for phase, pad and gain. An intuitive control interface lets you control all mic and change all settings from a single screen.

- Available with 2, 4, 6 or 8 channels of processing
- Powered by HD Sound 192 kHz algorithm for great level sensitivity
- Stirling preamps, 3-band processing section with 4-band parametric EQ
- Effective 3-band noise gate, brick wall limiter
- Preset sharing between networked VOCO units
- Multi-Studio mode splits processing between studios
- Line level analog, AES/EBU and Livewire+ AES67 AoIP I/O

OMNIA VOCO-8-4 List $5,745.00
OMNIA VOCO-8-6 List $6,745.00
OMNIA VOCO-8-8 List $7,745.00

Signature Sound with the Press of a Button

The Wheatstone M1 digital mic processor offers presets, security, networkability and easy-to-set-up parameters. From the front panel, or from the PC graphic interface, you can control all individual parameters to give each voice talent his or her own sound with just a simple press of a button.

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

M1 -$1,749.00

M44IP-USB Microphone Processor BLADE combines four high-quality microphone preamps, four channels of Vorsis Embedded microphone processing, four independent USB ports, and a WheatNet-IP BLADE interface, allowing you to place four microphone inputs anywhere in your WheatNet-IP Intelligent Network (although it also works just fine as a stand-alone line processor). The preamps and processors are accessed and controlled from any point on the network via its Windows-based GUI. The M44 also has the complete set of BLADE-4 features (see page 47).

BLADE-4 Features (see page 47).

- Extremely high performance microphone preamplifiers with 48V phantom power
- Four completely independent processing channels
- Phase Scrambler to correct asymmetrical voice waveforms
- TCP/IP-based remote control from anywhere via M4-IP
- Use each processor anywhere on your WheatNet-IP Network
- Four independent USB ports

M4-IPUSB List $3,499.00
M4 List $4,999.00

Preamp & Input Processor

High-performance channel strip incorporates seven powerful devices within a compact, single rack space design, including five of Aphex’s exclusive patented technologies to deliver superb audio quality, processing power and flexibility. Its elegant front panel is laid out in an intuitive, easy-to-use workflow and offers an instrument input, dedicated output and gain reduction metering, front panel sample rate and clock source selection, as well as a reference quality internal clock.

- Ultra-wide bandwidth, maximum gain and headroom
- Lower operating temperature than conventional tube designs
- Patented gate technology designed to avoid false triggers, clicks and chattering
- Split band universal de-esser
- XLR-3F mic input connector
- XLR-3M and 1/4” TRS Phone Jacks output connector

CHANNEL Master Preamp & Input Processor $999.00

Call BSW for expert advice, special pricing and more. 1.800.426.8434

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
NOW SAVE UP TO 57% OFF LIST!

Choose Your Mic

**GOOD**
The Electro-Voice RE320 dynamic microphone delivers superb detail, dynamic content and natural tonal performance.

RE320
List $337.00
$299.00

**BETTER**
A favorite since the 1960s, the dynamic RE20 gives a slight boost to mid-high frequencies and lets a voice get real close with no bass boominess.

RE20
List $609.00
$449.00

**BEST**
The dynamic RE27N/D boasts a revolutionary neodymium-alloy magnet for increased sensitivity, minimum distortion at high sound pressure levels and an extended frequency response.

RE27N/D
List $700.00
$499.00

Select a value bundle

Get an Electro-Voice 309A shockmount, a custom BSW pop filter and a 20-foot BSW-BMC-20 broadcast mic cable with your favorite RE Series mic. Save up to 57% off list!

RE320-PKG
List $759.00
$349.00

RE20-PKG
List $1,021.00
$529.00

RE27ND-PKG
List $1,139.45
$599.00

Stop the Pops with the BSW RePop

The BSW RePop’s fine mesh metal screen diminishes undesirable P-Popping while keeping the integrity of the hi-end frequency response. The original RePop works with the Electro-Voice RE20, Re27N/D and RePop-320 with the RE320. They all work great with the Heil PR40, too.

REPOP
BSW EXCLUSIVE
List $59.00

RE27POP
List $59.00

REPOP-320
List $59.00

IT’S YOUR VOICE KEEP IT REAL

Chosen by professional broadcasters and voice artists for their performance, versatility and resistance to proximity effect and p-pops, Electro-Voice RE series microphones are the quintessential tools when your mic matters.

RE320
• Exceptional clarity throughout the vocal range
• Open, rich and detailed mids and highs
• Two tone-shaping filters
• Integrated pop filter
• Variable-D minimizes proximity effect

RE20
• The classic FM radio voice sound
• Smooth, natural and controlled sound
• Mid-bass tone-shaping switch
• Integrated pop filter
• Variable-D minimizes proximity effect

RE27N/D
• Full-bodied frequency response
• Crisp and lively high end
• Three tone-shaping filters
• Integrated pop filter
• Variable-D minimizes proximity effect

Call BSW for your best price on Electro-Voice 1-800-426-8434

BSW CUSTOMER FAVORITE MICROPHONES / hyphen.cap ON AIR
800/periodcentered.cap426/periodcentered.cap8434 • BSWUSA.COM • INFO/at.capBSWUSA.COM

119
Heil PR40 is the best, ending my quest for “that” sound.★★★★★

Eye-Catching Limited Edition Heil Sound PR 40 Mic Bundles

Heil Sound’s PR 40 dynamic broadcast mic offers rich, condenser-like sound with industry-leading rear rejection. It’s bundled with:

• Shockmount, custom pop filter and our specially designed broadcast mic cable. For a limited time, choose from classic, gold, chrome and black and gold finishes.

• Package includes shock mount, pop filter, mic cable
• Natural articulation, low distortion, low handling noise
• End-fire cardioid pattern, -40 dB of rear rejection
• PR 30 mic also available with same accessories

PR40 $329.00
PR40-BLACK $329.00
PR40-CHROME $399.00
PR40-GOLD $399.00
PR40-CHROME-PKG $449.00
PR30 $250.00
PR30B $255.00
PR30-PKG $349.00

Great Broadcast Mic And Money-Saving Bundle

The MXL BCD-1 cardioid dynamic mic features an internal shockmount and a roll-off switch for superb speech intelligibility and a warm, rich sound.

• Excellent side rejection
• 40 Hz – 15 KHz frequency response
• Package includes desktop boom stand with built-in 12-foot XLR cable

BCD-1-PKG $299.95

Dedicated Podcast Microphone

Specially designed for podcasting, RØDE’s new PodMic delivers a rich, balanced sound to get the most out of any voice. It works great with any XLR interface, but is optimized for use with the new RØDECaster Pro Podcast Production Studio.

• Broadcast-quality dynamic capsule
• Optimized for speech applications
• Built-in pop filter and internal shock mounting
• Durable, all-metal construction
• Designed to work with RØDECaster Pro and PSA1 studio arm

PODMIC $99.00

Broadcast Dynamic Microphone

The RØDE Procaster is a professional broadcast quality dynamic microphone, specifically designed to offer no-compromise performance for voice applications in the broadcast environment.

• Balanced, low impedance output
• Internal shock mounting of capsule for low handling noise
• Internal pop filter to reduce plosives

PROCASTER $229.00

“...I’ve been using a Heil PR 40 since 2010, and I absolutely love it! I often tell people it makes me sound better than I do in real life. It makes it easy to cut out background noise (which is helpful when you have kids running around the house). Plus when I go live on video, it sounds AND looks great at the same time.”

-Pat Flynn, Award-Winning Host of The Smart Passive Income Podcast
Hand Crafted Sennheiser Dynamic Microphone

The Sennheiser MD 421 II dynamic cardioid microphone offers warm reproduction of lows and outstanding high frequencies with a response range from 30 Hz to 17 kHz.

- Clear sound reproduction with strong feedback rejection
- Fixed-position bass roll-off switch compensates for proximity effect
- Internal bass tubes deliver accurate low-end response
- Glass composite housing and hardened steel basket

Great New Broadcast Mic with Money Saving Bundle Option

- Rich, natural, condenser-like sound
- Large 46 mm diaphragm
- Hum-suppressing circuit prevents electromagnetic interference
- Hypercardioid polar pattern improves isolation
- Switchable 100 Hz high-pass filter
- Superior off-axis rejection for maximum gain before feedback
- Multi-stage windscreen for powerful pop-filtering
- BH40-PMG includes: BH40, AT4848 shock-mount, WindTech WS1BLK windscreen and BSW-BMC-20 custom broadcast mic cable

BSW CUSTOMER FAVORITE

New-for-2021

A. Electro-Voice 635L
B. Electro-Voice 635LB
C. Electro-Voice RE50L
D. Electro-Voice RE50NDL
E. Electro-Voice RE50NDB
F. Electro-Voice 635A in Black
G. The Industry Standard RE50
H. Reporters’ Mic Thrives in Noisy Conditions
I. Rugged Interview Mics
J. Sports Broadcaster’s MVP
K. RØDE Reporter

Lavalier and Headset Microphones from Sennheiser

Sennheiser’s MKE Essential Omni lavalier mic series offers a compact, high-quality omni-directional capsule with an acoustic signature similar to the renowned MKE 2. The HSP Essential Omni headset mic series was developed with valuable input from the House of Worship community. Mics in both series deliver warm, detailed, distortion-free sound with excellent speech intelligibility and are available in black or beige.
### Pro Lavalier Mics

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME4</td>
<td>Cardioid lavalier mic</td>
<td>$129.95</td>
</tr>
<tr>
<td>ME2i</td>
<td>Omnidirectional lavalier mic</td>
<td>$129.95</td>
</tr>
<tr>
<td>ME2PC</td>
<td>Clip-on lavalier mic</td>
<td>$399.50</td>
</tr>
<tr>
<td>ME2-60 Ra</td>
<td>Omnidirectional mic system</td>
<td>$599.00</td>
</tr>
<tr>
<td>ME2</td>
<td>Accessory kit for ME2</td>
<td>$39.95</td>
</tr>
</tbody>
</table>

### Unobtrusive Clip-on Mics

The SENNHEISER ME4 lavalier condenser microphone works with evolution Wireless SK body pack transmitters, eliminating extraneous noise thanks to its high directivity ideal for ENG and many other applications, it offers superb speech intelligibility and powerful feedback rejection.

- High speech intelligibility
- Easy attachment on clothing
- Effective, yet unobtrusive
- German engineering
- Works with evolution wireless series

### Lavalier Mic Works With All Devices

XL Microphone’s iBg Mic Line is a compact professional-quality mobile lavalier mic for iPhone, iPad, iPod Touch, and Android.

- Rugged Omnidirectional lavalier microphone
- Omnidirectional condenser capsule
- Comes with a suite of powerful recording apps
- Includes foam pop shield and durable mounting clip

### Handy Digital Audio Interface for iOS

The Shure MV51 connects a standard XLR microphone or ¼” plug to any iOS device, Mac or PC for seamless, high-quality audio capture.

- Connects directly to any iOS device: no adapters required
- Offers five DSP preset modes that automatically optimize EQ, compression and limiting for the sound source and environment
- Supplies phantom power (12v for iOS; 48v for USB)
- All-metal construction withstands extreme recording conditions
- Integrates video with ShurePlus MOTIV Video - free mobile iOS app

### Be Heard and Seen with Shure MOTIV

- Matched cardioid and bidirectional cartridges for super audio
- Mid-side architecture for a phase-perfect, clear stereo image
- 3 DSP preset modes that automatically optimize EQ, compression and limiting for the sound source and the environment
- Integrates video with ShurePlus MOTIV Video - free mobile iOS app

### Digital Stereo Condenser Mic for iOS

Delivering clear, high-quality sound, the Shure MV88+ rotates for flexible positioning that’s ideal for video applications.

- Matched cardioид and bidirectional cartridges for super audio
- Mid-side architecture for a phase-perfect, clear stereo image
- 3 DSP preset modes that automatically optimize EQ, compression and limiting for the sound source and the environment
- Integrates video with ShurePlus MOTIV Video - free mobile iOS app

### Great Sound Quality Anywhere and New Video Recording App

The Shure MV88+ digital stereo condenser mic delivers convenient, high-quality plug and play audio capture for Mac, PC, iPhone, iPad, and Android devices. Featuring three onboard DSP presets that ensure optimal settings for virtually any sound source, it’s ideal for everything from music to podcasting to video chats.

- Connects directly to any iOS device (no adapters required)
- 5 DSP preset modes that automatically optimize EQ, compression and limiting for the sound source and the environment
- Integrate video with ShurePlus MOTIV Video - free mobile iOS app
USB Microphones

**USB MICROPHONES**

**NEW**

**IRIG-MICHD2-IN**

- Handheld Digital USB Condenser Mic and More
- IK Multimedia’s iRig Mic HD 2 is an innovative professional wireless microphone system for smartphones, connecting directly to iOS and Android devices so you can start fitting high-quality audio almost immediately.
- Includes pop shield and durable mounting clip
- Includes gain and headphone controls
- Optimized sound for home recording enthusiasts, live streaming, podcasts, and online content creation
- Includes Studio-Quality USB Microphone

**IRIG-MICHD2-OUT**

- Microphone designed for recording direct to a computer or tablet. It is simple to set up and use, and a smooth frequency response and directional pickup pattern make the iRig Mic HD perfect for recording vocals and instruments, livestreaming and gaming, producing, voice calls and more.
- Transmitter works as a clip-on mic or as belt pack
- Transmitter and receiver wireless system

**NEW**

**GO MIC MOBILE**

- Samson’s Go Mic Mobile is an innovative professional wireless microphone system for smartphones, connecting directly to iOS and Android devices so you can start fitting high-quality audio almost immediately.
- Includes pop shield and durable mounting clip
- Includes gain and headphone controls
- Optimized sound for home recording enthusiasts, live streaming, podcasts, and online content creation

**NEW**

**XLR to USB Signal Adapter**

- Allows you use your favorite microphones to digitally record. Built in headphone monitoring, zero latency and easy controls to balance microphone and playback audio.
- Transmitter and receiver wireless system

**USB Condenser Microphone**

- The Elevenlent Series EM-USB USB Condenser sets the standard in professional, affordable microphones for home recording enthusiasts, live streaming, podcasts, and online content creation. Onboard controls for gain, mute, and headphone monitoring volume make it perfect for recording vocals and instruments, livestreaming and gaming, podcasting, voice calls and more.
- Studio-Quality USB Microphone
- NT-USB Mini is a compact, studio-quality USB microphone designed for recording direct to a computer or tablet. It is simple to set up and use, and a smooth frequency response and directional pickup pattern make the NT-USB Mini perfect for recording vocals and instruments, livestreaming and gaming, producing, voice calls and more.
- Includes pop shield and durable mounting clip
- Transmitter and receiver wireless system

**NEW**

**MODAL MICELMNT**

- Produces professional high-quality audio for your smartphone or computer, as well as live streaming, podcasts, and live recordings with the Q9U Broadcast Dynamic Microphone. Easily integrated into any professional or home recording setup.
- Transmitter and receiver wireless system
- Includes pop shield and durable mounting clip

**NEW**

**Q9U**

- Transmitter and receiver wireless system

**NEW**

**OSPRO-BW**

- New Podcasting / Live Streaming Bundles
- These OneStream bundles from IKI feature the new great-sounding 990 Blizzard or 990 Blaze large diaphragm XLR condenser microphones. They also include an SMP-1 shock mount/ pop filter and a desktop mic stand. PRO bundles add a Mic Mate Pro XLR to USB adapter (with phantom power) for direct recording to a computer.
- Transmitter and receiver wireless system

**NEW**

**OST-R**

- Transmitter and receiver wireless system

**NEW**

**MICMATEPRO**

- Handy XLR/USB Interface
- The MXL Mic Mate Pro XLR to USB adapter lets you plug your mic directly into a computer for easy studio-quality recording. It features low profile rotary knobs for microphone gain and headphone volume adjustments, and sports a built-in headphone jack for zero latency direct monitoring.
- Studio-quality microphone preamp
- Gain and headphone controls
- Supplies 48V phantom power
- Transmitter and receiver wireless system

**NEW**

**STARTING AT $99.99**

**NEW**

**Q9U**

- Transmitter and receiver wireless system

**NEW**

**XLR/MIC HD 2**

- XLR to USB Dynamic Broadcast Microphone
- Produces professional high-quality audio for your smartphone or computer, as well as live streaming, podcasts, and live recordings with the Q9U Broadcast Dynamic Microphone. Easily integrated into any professional or home recording setup.
- Transmitter and receiver wireless system
High Quality A/D Conversion

Audio-Technica’s AT2020USB+ cardioid condenser USB microphone features a built-in headphone jack with volume control that lets you directly monitor your mic signal with no delays. The AT2020USBi works with both USB and Lightning cables.

- High quality A/D converter
- Smooth, extended frequency response
- Great for podcasting

AT2020USB+ $149.00
AT2020USBi $149.00
AT200USB $79.00
AT200USBi $79.00

Studio Quality USB Condenser Mic

The RØDE NT-USB is a USB condenser microphone boasting built-in A/D conversion for world-class recording directly to your Mac or Windows computer, or even your iPad on the go.

- Record directly to your Mac or Windows computer
- iPad compatible (Apple USB Camera Connection Kit required)
- Zero-latency stereo headphone monitoring jack, with both level and mix control
- Pop shield, stand mount, desktop stand, USB cable

NT-USB $169.00

Dynamic Broadcast Mic

Produce professional high-quality audio for broadcasts, podcasts, streams and live recordings with the Q9U Broadcast Dynamic Microphone. Easily integrated into any professional or home recording setup, the Q9U features both an XLR analog output and USB-C connection with stunning 24-bit/96kHz hi-definition digital audio resolution.

- XLR Analog Output
- USB-C Digital output
- Mute button controls both USB and XLR outputs

Q9U $199.99

Complete Recording Solution Set

The acclaimed NT1-A large capsule cardioid studio condenser mic comes with a premium shockmount (with integrated pop filter), a high-quality 20-foot XLR cable, dust cover and instructional DVD.

- Ultra-low noise
- Transformerless circuitry
- Surface-mount electronics
- Internal shockmount system

NT1-A $229.00
NT1-A Bundle $349.00

BSW is always ready to help!
— robert-89110, resellerratings.com

Whether it's new innovations or time-tested classics, our website has the widest selection of the gear you need to cut through the noise and be heard in today's crowded broadcast scene.

BSWUSA.COM
**Microphones - Shotgun**

**Voice Over Gear.**

**Go-To Place for Professional Great Prices, BSW is the**

With its huge selection and great prices, BSW is the go-to place for professional voice-over gear.

**Shotgun Microphones and Accessories**

**Shotguns for Every Budget**

**RØDE's NTG series of shotgun condenser microphones deliver premium audio recording in a wide range of applications. Offering broadcast-grade sound quality even in the most challenging environments, these microphones boast low noise circuitry, low handling noise and rugged, roadworthy metal construction. Call or visit BSWUSA.com to learn more.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTG1</td>
<td>Short shotgun</td>
<td>$249.00</td>
</tr>
<tr>
<td>NTG2</td>
<td>With internal power</td>
<td>$269.00</td>
</tr>
<tr>
<td>NTG2-B</td>
<td>Black finish</td>
<td>$499.00</td>
</tr>
<tr>
<td>NTG3</td>
<td>Top of the line</td>
<td>$999.00</td>
</tr>
<tr>
<td>NTG4</td>
<td>Shotgun mic</td>
<td>$599.00</td>
</tr>
<tr>
<td>NTG4 PLUS</td>
<td>With digital switches</td>
<td>$399.00</td>
</tr>
</tbody>
</table>

**Great Mics for Video**

**RØDE's popular VideoMic Pro shotgun mic is designed for use with digital video cameras. Conventional 9V battery powered, its built-in shockmount significantly reduces handling noise. It also features a stereo minijack audio output and standard hot-shoe fitting. Windscreen and hot-shoe mount included.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VideoMic PRO-B</td>
<td>Built-in shockmount</td>
<td>$229.00</td>
</tr>
<tr>
<td>VideoMic R</td>
<td>Studio quality</td>
<td>$149.00</td>
</tr>
<tr>
<td>VideoMic G</td>
<td>Ultra-compact</td>
<td>$99.00</td>
</tr>
<tr>
<td>VideoMic R</td>
<td>Compact</td>
<td>$159.00</td>
</tr>
<tr>
<td>VideoMic R</td>
<td>Compact</td>
<td>$59.00</td>
</tr>
<tr>
<td>Stereo VideoMic</td>
<td>Stereo</td>
<td>$249.00</td>
</tr>
</tbody>
</table>

**I Call Shotgun!**

Professional shotgun condenser microphones deliver superior off-axes rejection for focus and flexibility in a wide variety of on-site locations.

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VP92</td>
<td>Short, 150-20,000 Hz</td>
<td>$299.00</td>
</tr>
<tr>
<td>VP95</td>
<td>Short, 140-20,000 Hz</td>
<td>$699.00</td>
</tr>
<tr>
<td>VP86M</td>
<td>Medium, 100-20,000 Hz</td>
<td>$999.00</td>
</tr>
</tbody>
</table>

**Give Your Voice-Overs a Competitive Edge**

**VOICE-OVER LEGEND JOE CIPRIANO'S OWN STUDIO AND TRAVEL SETUP!**

Joe's go-to mic the MKH416P48U3 and BSW exclusive voice over packages!

**Industry Favorite Shotgun Mic**

Sennheiser’s MKH 416P48U3 short shotgun microphone is a great all-around performer for film, radio, television and outdoors use due to its directional sensitivity, high consonant articulation and excellent feedback rejection. It is also one most valued mics in the world for voice-over applications. Call or check out our website for more details on this fantastic mic.

**Shotgun Microphones**

**MAK 416P48U3**

- RF bias capsule, pressure-gradient receiver with short interference tube
- Superior consonant articulation and feedback rejection
- Hypercardioid at low and medium frequency (above 2 kHz approaches lobar pattern)
- Handles difficult exterior filming and reporting conditions with ease
- 40 Hz - 20 kHz frequency response
- Hands up to 130 dB SPL
- Rugged construction with black matte finish
- Windscreen included

**Pro Voice-Overs Made Easy**

Your voice-overs will sound better than ever with these packages created by voice-over superstar Joe Cipriano. Choose from five, loaded with great gear to handle any job, including two featuring Joe’s exact studio and travel sets.

- Three studio and two travel packages with gear selected by Joe Cipriano
- Studio packages include a RØDE or Sennheiser shotgun mic, boom arm with table clamp, audio interface, closed back headphones and mic cable
- Travel packages offer ear bud headphones and desktop mic stand
- JOEVO-3 and JOEVO-TRAVEL-2 feature Joe’s exact setups

<table>
<thead>
<tr>
<th>Package</th>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOEVO-1</td>
<td>Starter studio package</td>
<td>$559.00</td>
</tr>
<tr>
<td>JOEVO-2</td>
<td>Advanced studio package</td>
<td>$1,399.00</td>
</tr>
<tr>
<td>JOEVO-3</td>
<td>Joe Cipriano’s exact studio setup</td>
<td>$5,869.00</td>
</tr>
<tr>
<td>JOEVO-TRAVEL-1</td>
<td>Starter mobile travel package</td>
<td>$899.00</td>
</tr>
<tr>
<td>JOEVO-TRAVEL-2</td>
<td>Joe Cipriano’s exact travel setup</td>
<td>$1,399.00</td>
</tr>
</tbody>
</table>

**Great Short Shotgun Mic for Camcorders**

The Sennheiser MKE 600 camcorder microphone can handle even the toughest video sound challenges. Its high level of directionality focuses on desired sounds while filtering out distracting noise. Wind noise is reduced using the included foam windshield, while a switchable low cut filter lets you minimize wind and handling noise as well. It can be phantom powered or operated on an AA battery for about 150 hours.

- Exceptional directivity
- Maximum attenuation of background noise
- Low-cut filter for minimizing wind noise
- 40 Hz - 20 kHz frequency response
- Phantom (48V) or battery powered
- Durable all-metal housing

**MKE 600**

**$329.95**

For your up-to-the-minute best price call 800.426.8434!
**DYNAMIC MICROPHONES**

**Ultimate Vocal Mic**
This popular Shure dynamic mic is world-famous for bullet-proof durability and quality reproduction. You’d be hard-pressed to find a stage in the world without an SM58.
- Cardioid pick-up pattern
- Distinctive vocal presene peak
- Integral windscreen
- Includes stand clamp and pouch

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM58</td>
<td>109.00</td>
<td>99.00</td>
</tr>
<tr>
<td>SM58B</td>
<td>149.00</td>
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</tr>
<tr>
<td>SM58W</td>
<td>149.00</td>
<td>139.00</td>
</tr>
</tbody>
</table>

**Eye-Catching and Ear-Pleasing**
The Shure Super 55 dynamic vocal microphone features a signature satin chrome-plated design using a supercardioid polar pattern for highly focused sound capture, and a tailored frequency response for natural vocals and speech.
- Supercardioid pattern
- Tailored frequency response for natural vocals and speech
- High-gain before-feedback and excellent off-axis rejection
- Shock-mounted cartridge minimizes handling noise
- Self-tensioning swivel mount
- Available in natural chrome or black finishes

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
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</thead>
<tbody>
<tr>
<td>BETA57A</td>
<td>399.00</td>
<td>399.00</td>
</tr>
</tbody>
</table>

**Great Sound and Built to Last**
The Shure Beta 57A dynamic mic maintains a true supercardioid pattern throughout its frequency range. It insures high gain-before-feedback, maximum isolation from other sound sources, and minimum off-axis tone coloration. The Beta 57A dynamic mic offers warm sound with a smooth presence rise and extended top end. The Beta 7A supercardioid electret condenser mic gives you a smooth frequency response and high SPL capability with controlled low frequency roll-off.

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
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</thead>
<tbody>
<tr>
<td>BETA7A</td>
<td>249.95</td>
<td>249.95</td>
</tr>
<tr>
<td>BETA57A</td>
<td>249.95</td>
<td>249.95</td>
</tr>
</tbody>
</table>

**Classic Instrument Mic**
The Shure SM57 dynamic mic has a bright, clean sound and a contoured frequency response tailored for instrument miking. Although it is a cardioid condenser mic, it works great for capturing vocals on stage or in the studio.
- Cardioid pattern for focused sound capture – 40 Hz-15 kHz frequency response
- Ultra-rugged for life
- Includes stand clamp and pouch

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM57C</td>
<td>199.00</td>
<td>199.00</td>
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<table>
<thead>
<tr>
<th>Accessory</th>
<th>List $</th>
<th>BSW $</th>
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<tbody>
<tr>
<td>A5SM</td>
<td>159.00</td>
<td>159.00</td>
</tr>
<tr>
<td>A2SM56BA</td>
<td>8.00</td>
<td>8.00</td>
</tr>
<tr>
<td>A2SM66RE</td>
<td>8.00</td>
<td>8.00</td>
</tr>
</tbody>
</table>

**Dynamic Mic with Classic Look**
This Shure microphone has a great retro look with modern acoustics.
- Ideal for broadcasting, PA or theater/stage sound systems and other vintage-styled sound applications
- Stand-mounted microphone with a classic retro look
- Cardioid polar pickup pattern for close proximity to loudspeakers without creating feedback problems

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM58LC</td>
<td>179.00</td>
<td>179.00</td>
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</tbody>
</table>

**Handheld Condenser Mics From Neumann – Great Bang for your Bucks**

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMS104</td>
<td>Cardioid, Black</td>
<td>699.00</td>
</tr>
<tr>
<td>KMS104MT</td>
<td>Cardioid, Nickel</td>
<td>699.00</td>
</tr>
<tr>
<td>KMS105</td>
<td>Hypercardioid, Black</td>
<td>699.00</td>
</tr>
<tr>
<td>KMS105MT</td>
<td>Hypercardioid, Nickel</td>
<td>699.00</td>
</tr>
</tbody>
</table>

**Shure TwinPlex Subminiature Lavalier/Headset Mics**
Shure’s TwinPlex subminiature omnidirectional lavalier microphones offer superb clarity, strong moisture resistance and a wide range of color and connection options. TL45 models feature a LEMO connector with color options of white, tan, cocoa and black. TL46 models provide the same color options with either a LEMO or MTQG/TA4F connector. TL47 models give you the same color options and a choice of LEMO, MTQG/TA4F, MicroDot, or XLR/Preamp connectors (or bare wire). TL48 models offer the same connector options as the TL47 and a color choice of white, tan or black. The TL53 is a headset mic with tan, cocoa or black color options and a choice of LEMO, MTQG/TA4F or MicroDot connectors (or bare wire). Call, or visit BSWUSA.com for full specs.

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL45T-0-LEMO</td>
<td>Subminiature Lavalier Microphone</td>
<td>399.00</td>
</tr>
<tr>
<td>TL45C-0-LEMO</td>
<td>Subminiature Lavalier Microphone</td>
<td>399.00</td>
</tr>
<tr>
<td>TL47T-0-LEMO</td>
<td>Subminiature Lavalier Microphone</td>
<td>399.00</td>
</tr>
<tr>
<td>TL47C-0-LEMO</td>
<td>Subminiature Lavalier Microphone</td>
<td>399.00</td>
</tr>
<tr>
<td>TL48T-0-LEMOA</td>
<td>Subminiature Lavalier Microphone</td>
<td>449.00</td>
</tr>
<tr>
<td>TL48C-0-LEMOA</td>
<td>Subminiature Lavalier Microphone</td>
<td>449.00</td>
</tr>
</tbody>
</table>

**Solid Stage Vocal Mic**
Sennheiser’s e935 dynamic cardioid vocal stage mic is a great general performer. A gentle presence boost evens tonal response and enhances clarity and projection, and minimal proximity effect provides consistently clear bass and superb performance even with inconsistent distance. Comes with bag and clip. The e835 adds an On/Off switch for PA or stage use. The e845 offers a supercardioid pattern and on/off switch.

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>E835</td>
<td>Without on/off Switch</td>
<td>999.00</td>
</tr>
<tr>
<td>E835S</td>
<td>With on/off Switch</td>
<td>999.00</td>
</tr>
<tr>
<td>E845</td>
<td>Supercardioid Pattern</td>
<td>1199.00</td>
</tr>
</tbody>
</table>

**Built for Life on the Road**
A workhorse with the soul of a thoroughbred, the Sennheiser e835 cardioid vocal microphone performs under pressure while cutting through the mix with its high output. Perfect for the gigging musician or sound engineer, the e835 gets the job done in style day in and day out.

<table>
<thead>
<tr>
<th>Model</th>
<th>List $</th>
<th>BSW $</th>
</tr>
</thead>
<tbody>
<tr>
<td>E835</td>
<td>Without on/off Switch</td>
<td>999.00</td>
</tr>
<tr>
<td>E845</td>
<td>Supercardioid Pattern</td>
<td>1199.00</td>
</tr>
</tbody>
</table>
**STUDIO CONDENSER MICROPHONES**

**World-Renowned Mics From Neumann!**

**Optimized for Voice**

The Neumann TLM 49 is a large diaphragm studio mic boasting a tight cardioid pattern to keep ambient noise at bay and a warm, natural sound especially optimized for vocal performance. Inspired by Neumann’s legendary M 40 microphone, the TLM 49 was the same acclaimed K47 capsule to capture the true essence of whatever you’re recording.

- Optimized for voice
  - Transparent, uncolored sound
  - Transformerless circuitry for low self-noise
  - Easier handle high gain levels
  - Shockmount included

**Classic Neumann Sound in a Very Compact Package**

The TLM 102 large diaphragm condenser microphone boasts a compact size and wallet-friendly price while offering Neumann’s usual high quality design components.

- Innovative large-diaphragm capsule
- Cardioid capsule
- Maximum SPL of 144 dB
- Slightly above 6 kpf for excellent voice presence in the overall mix
- Just over 4 1/2 inches long
- Comes with a stand mount

**Versatile Multi-Pattern Condenser**

The Neumann TLM 103 large diaphragm condenser mic offers pure, uncolored sound quality, five switchable polar patterns, a wide dynamic range and very low self-noise.

- Switchable omnidirectional, wide angle cardiod, cardioid, hypercardiod and figure-8 polar patterns
- Illuminated pattern display
- 20 Hz – 20 kHz frequency range
- Transformerless circuitry for a high degree of linearity and large dynamic range
- Whispering 141 dB maximum SPL
- Slightly high frequency boost lends presence and freshness to the voice

**Condensers with Renowned Neumann Sound**

The TLM 103 is essentially the element from the world-famous U87, utilized in a cardioid-only pattern. By using the tried-and-true transformerless circuit found in numerous Neumann microphones, the large diaphragm TLM 103 offers low self-noise (7 dBa) and the highest sound pressure level transmissibility. TLM103 includes a swivel mount and wooden box.

Neumann also offers the TLM 103D digital output microphone with built-in A/D converter. The AES/EBU or AES 3 digital connection kit is sold separately. Go online for details.

**Switchable Polar Patterns**

The Shure KSM41/SL is a dual-pattern end-addressed condenser mic that allows easy switching between a constant-cardioid or true omnidirectional polar pattern for smooth and focused sound reproduction. It’s also available in a matched stereo set.

- Switchable, highly consistent cardioid and true omnidirectional polar patterns
- 24-karat gold-plated Mylar diaphragm for superior transient response
- Class A, discrete, transformerless pre-amp for transparency
- Switchable 15-dB pad for handling high SPL

**Makes Any Voice Sound Better**

The Shure KSM42 premium side-address, cardioid condenser microphone features a large dual-diaphragm capsule, optimized for world-class vocal recording and performance applications.

- Tailored frequency response
- Extensive internal and external pop filtering
- Single-pattern, dual-diaphragm design
- Pretho Advanced Preamplifier Technology
- Smooth proximity control, ultra-wide dynamic range
- Transparent internal circuitry architecture
- Comes with shock mount, magnetic pop filter, aluminum carrying case, and wheeled pouch

**Smooth as Silk Sound**

The Shure KSM42L side-address, cardioid condenser microphone has an incredibly smooth sound to go along with its state-of-the-art design.

- Ultra-true 1” gold-plated Mylar diaphragm for focused transient response
- Switchable low-frequency filter; transformerless transparent preamp
- Switchable 15-dB pad for handling extremely high SPL

**Clear, Uncolored Sound Reproduction**

The Shure Beta 27 side-address condenser instrument microphone is precision-engineered for professional sound reinforcement and studio recording applications. Its flat frequency response and low self noise provide unerring performance in demanding environments.

- Tight supercardioid pattern ensures high gain before feedback and maximum isolation from other sound sources
- 1” ultra-thin 24-karat gold-plated Mylar diaphragm
- Flat, neutral frequency response for natural reproduction
- 3-position switchable low-frequency filter
- -15 dB switchable attenuator to handle high SPLs

**Versatile Multi-Pattern Condenser Mic**

Shure’s KSM44A is a premium, large-diaphragm, side-address condenser mic with multiple polar pattern options (cardioid, omnidirectional, bidirectional). The KSM44A side-address condenser microphone with a single cardioid polar pattern. Designed for studio use, yet rugged enough for live applications, it can withstand extremely high SPLs and is available in a matched stereo set.

- Highly consistent cardioid pattern
- 24-karat gold-plated, low mass Mylar diaphragm for superior transient response
- Class A, discrete, transformerless pre-amp for transparency
- Switchable 15-dB pad for handling high SPL
- Premium electronic components

**Versatile Multi-Pattern Condenser Mic**

Shure’s KSM45SL is a premium, large-diaphragm, side-address condenser microphone with multiple polar pattern options (cardioid, omnidirectional, bidirectional). The KSM45SL side-address condenser microphone with a single cardioid polar pattern. Designed for studio use, yet rugged enough for live applications, it can withstand extremely high SPLs and is available in a matched stereo set.

- Highly consistent cardioid pattern
- 24-karat gold-plated, low mass Mylar diaphragm for superior transient response
- Class A, discrete, transformerless pre-amp for transparency
- Switchable 15-dB pad for handling high SPL
- Premium electronic components

**Find what you need. Whenever you need it.**

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*For your up-to-the-minute best price call 800.426.8434!
BSW is Your Virtual Mic Locker – Incredible Selection AND Expert Advice!

STUDIO CONDENSER MICROPHONES

Advanced Condenser Microphone
Audio-Technica’s AT4040 side-address condenser mic offers smooth, natural sonic characteristics with a wide dynamic range and low noise.
• Focused cardioid pattern
• Switchable 80 Hz high pass filter and 10 dB pad
• Transformerless circuitry virtually eliminates low-frequency distortion
AT4040 $299.00

High End Features, Low End Price
Audio-Technica’s budget friendly AT2020 condenser offers many of the high-end features found in their 4000 series mics.
• High SPL handling and wide dynamic range
• Custom-engineered low-mass diaphragm
• Extended frequency response and superior transient response
• Pivoting, threaded stand mount for easy and precise mic placement
AT2020 $99.00

Matched Pair Of Premium Condenser Mics
Get a matched pair of RØDE’s M5 pencil-style cardioid condenser microphones offering low noise performance and full frequency response.
• Half-inch capsule with gold-plated membrane
• Cardioid polar pattern
• Ultra-low noise transformerless circuitry
• State-of-the-art surface mount electronics
• Gold-plated output connector
• Heavy-duty black matte finish
• Includes mic clips and windshields
• 10-year warranty
M5-MP $199.00
RODE

Great-Sounding Condenser Mics
The Sennheiser MK4 large-diaphragm studio microphone features a 1 inch true condenser capsule and delivers excellent sound quality. The MK4 offers five switchable polar patterns.
• One-inch large-diaphragm capsule
• Low self-noise and maximum SPL
• 5 polar patterns (MK4)
MK4 $299.00
MK8 $699.00

Great-Sounding Valve Microphone
The RØDE NTK is a tube valve microphone featuring a large one-inch capsule with gold-plated membrane and twin triode valves for wide dynamic range with ultra-low noise.
• Large capsule (1”) with gold-plated diaphragm
• Class A valve circuitry
• Hand selected and graded 6922 twin triode valve
• Dedicated power supply
• 10-year warranty
NTK $529.00
RODE

24-carat gold-plated diaphragm!

BSW CUSTOMER FAVORITE

High-quality broadcasting is more vital than ever.
Get the gear you need to keep your audience (and budget) coming back for more.

800.426.8434

Recording more than voice? BSW have everything you need to get the best out of your band!

800.426.8434

Justin Warbreck, Sales Representative, Gear Guru

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434
Audio-Technica’s System 10 PRO Rackmount digital wireless system provides the same interference-free operation in the 2.4 GHz range (outside TV bands) as the original System 10 wireless system but with expanded features and versatility.

- Rackmount wireless systems with digital 24-bit/48 kHz operation
- Works in the 2.4 GHz range, free from TV interference
- Automatic frequency selection for seamless performance
- Instantaneous channel selection, sync and setup
- These levels of diversity assurance
- Each system includes a half-rack chassis, one or two receivers and one or two bodypack or handheld transmitters

**System 10 PRO Rackmount**

<table>
<thead>
<tr>
<th>System 10 PRO Rackmount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATW-1301-L W/ 2 receivers, 1 bodypack, 1 lavalier</td>
<td>$499.00</td>
</tr>
<tr>
<td>ATW-1302-L W/ 2 receivers, 2 bodypacks, 2 lavaliers</td>
<td>$599.00</td>
</tr>
<tr>
<td>ATW-1312-L W/ 2 receivers, 1 bodypack, 1 lavalier</td>
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</tr>
<tr>
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**Advanced Digital Wireless**

Audio-Technica’s System 10 PRO Rackmount digital wireless system provides the same interference-free operation in the 2.4 GHz range (outside TV bands) as the original System 10 wireless system but with expanded features and versatility.

- Rackmount wireless systems with digital 24-bit/48 kHz operation
- Works in the 2.4 GHz range, free from TV interference
- Automatic frequency selection for seamless performance
- Instantaneous channel selection, sync and setup
- These levels of diversity assurance
- Each system includes a half-rack chassis, one or two receivers and one or two bodypack or handheld transmitters

**System 10 PRO Rackmount**

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**High-Fidelity System 10 Wireless**

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**Reliable Digital Wireless for the Crowded UHF Spectrum**

Audio-Technica’s new 3000 series of frequency-agile true diversity UHF wireless systems offer easy setup, versatile operation and rock-solid, richly detailed high-fidelity sound. They’ll give you the power and flexibility to operate within the congested UHF spectrum. Available system configurations feature an ATW-R3210 receiver along with an ATW-T3201 body-pack or handheld transmitter (with dynamic or condenser microphone) or ATW-T3202 handheld (with dynamic or condenser capsules) transmitter.

- Auto squelch feature maximizes operating range while minimizing potential interference.
- OLED screens for optimal readout of key settings and alerts.
- Auto squelch feature maximizes operating range while minimizing potential interference.
- Six new microphone capsules, 3 headworn models for flexible sound options.
- Available in two frequency bands: DE2 (470–530 MHz) and EE1 (530–590 MHz).

**New Gen4 3000 Series**

- ATW-3211N831DE2 W/ handheld; DE2
- ATW-3211N892XEE1 W/ condenser lavalier; EE1
- ATW-3211N892XDE2 W/ condenser handheld; DE2
- ATW-3211N893XTHDE2 W/ omni headworn; THDE2
- ATW-3211N893XEE1 W/ condenser headworn; EE1
- ATW-3211N893XDE2 W/ omni headworn; DE2
- ATW-3211N892XTHDE2 W/ dynamic handheld; DE2
- ATW-3211N892XDE2 W/ dynamic headworn; DE2
- ATW-3211N859XEE1 W/ beige headworn; EE1
- ATW-3211N859XDE2 W/ beige headworn; DE2
- ATW-3211N831DE2 W/ handheld transmitter; DE2
- ATW-3211N893XEE1 W/ omni headworn; EE1
- ATW-3211N892XEE1 W/ omni handheld, EE1
- ATW-3211N892XDE2 W/ omni handheld; DE2
- ATW-3211N893XDE2 W/ omni handheld; DE2
- ATW-3211N892XTHDE2 W/ condenser headworn; DE2
- ATW-3211N892XDE2 W/ condenser headworn, DE2
- ATW-3211N893XDE2 W/ omni headworn; DE2
- ATW-3211N892XEE1 W/ condenser handheld; EE1
- ATW-3211N893XEE1 W/ omni handheld; EE1

**High-Fidelity System 10 Wireless**

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**Strong, Clean Performance**

The Shure PGX Digital series combines the legendary performance of Shure microphones with state-of-the-art, 24-bit digital wireless technology that delivers strong, clean, full-range performance with easy setup and operation. Its automatic frequency selection locates a clear channel instantly. Operating in the 900 MHz frequency band, these handheld or bodypack transmitter systems feature true digital diversity for rock-solid reliability.

**PGX Digital Wireless Systems**

<table>
<thead>
<tr>
<th>System 10 PRO Rackmount</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PGX24-PS58 Digital Wireless PGX8 System</td>
<td>$449.00</td>
</tr>
<tr>
<td>PGX24-5R85 Digital Wireless SM58 System</td>
<td>$375.00</td>
</tr>
<tr>
<td>PGX24-5R86 Digital Wireless SM58 System</td>
<td>$420.00</td>
</tr>
<tr>
<td>PGX24-BT58 Digital Wireless Beta 58A System</td>
<td>$420.00</td>
</tr>
</tbody>
</table>
Twice the surface area of other subminiature microphones for pristine, natural response and robust low-frequency response due to the patent pending dual-diaphragm design

<table>
<thead>
<tr>
<th>Microphone</th>
<th>List Price</th>
<th>Call BSW for your best price on Shure 1-800-426-8434</th>
</tr>
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<tbody>
<tr>
<td>AD2-SM58-G57</td>
<td>$2,061.00</td>
<td>AD2-B87A-G57</td>
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<td>AD2-B86-G57</td>
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WIRELESS MICROPHONES

Shure’s New Transparent, Rock-Solid SLX-D Wireless System
Shure’s SLX-D digital wireless system delivers transparent, 24-bit digital audio and rock solid RF performance with easy setup and a wealth of versatile system configurations. Choose from single half-rack and dual full rack receiver options, handheld and bodypack transmitters and a wide selection of vocal, laptop, headset and instrument microphone system configurations.

- Extended 20 Hz to 20 kHz frequency range (mic dependent), 120 dB dynamic range
- Digital predictive switching diversity
- Easy pairing of transmitters and receivers over scan and IR sync
- Available in three frequency bands: G50 (470-514 MHz), H55 (514-558 MHz) and J52 (558-602 MHz + 614-616 MHz)

SLXD24-SM58  Wireless Vocal System with SM58
- $2,061.00
- SLXD24-SM58-H55  Wireless Vocal System with SM58
- $2,061.00
- SLXD14-G58  Dual Wireless Vocal System with SM58
- $1,379.00
- SLXD14-H55  Dual Wireless Vocal System with SM58
- $1,379.00
- SLXD4-G58  Wireless Vocal System with SM58
- $699.00
- SLXD4-H55  Wireless Vocal System with SM58
- $699.00

SLXD14-J52  Combi System with SLXD14 Bodypack and SLXD4 Receiver
- $649.00
- SLXD14-J52  Combi System with SLXD14 Bodypack and SLXD4 Receiver
- $649.00
- SLXD4-J52  Wireless Receiver
- $435.00
- SLXD4-J52  Wireless Receiver
- $435.00

SLXD14-J52  Combi System with SLXD14 Bodypack and SLXD4 Receiver
- $649.00
- SLXD4-J52  Wireless Receiver
- $435.00
- SLXD4-J52  Wireless Receiver
- $435.00

Advanced, Scalable Digital Wireless
Shure’s premier Axient Digital Wireless System offers exceptional signal stability and audio clarity, along with flexible hardware options, advanced connectivity, and comprehensive control to handle today’s wireless challenges as well as possible changes in the future.

- High performance RF
- Pristine digital audio via Dante and AES3
- Wide tuning range of up to 184 MHz
- Real-time control of all transmitter parameters
- Future-ready hardware scalability
- Exceptional signal stability
- Advanced connectivity
- Flexible hardware options

Call BSW for your best price on Shure 1-800-426-8434
BSW: Your Destination for Wide Open Wireless

Complete, Wide Ranging Digital Wireless Kits

RIDEOnLink digital wireless systems constantly monitor and hop between frequencies to maintain the strongest possible signal level. Filmmaker and Newsshooter Kits give you high-quality audio recording for your video shoots. The RIDEOnLink Performer Kit is ideal for lectures, weddings, live performances and more.

- RIDEOnLink Filmmaker Kit includes broadcast-grade lavalier microphone
- RIDEOnLink Newsshooter Kit works with XLR microphones
- RIDEOnLink Performer Kit features handheld condenser mic and desktop receiver
- RIDEOnLink TX-BELT is a comfortable, lightweight beltpack transmitter
- RIDEOnLink X1-CAM is a camera-mounted wireless receiver
- RIDEOnLink TX-XLR wireless XLR transmitter supplies phantom power.

Digital Hybrid Receiver for ENG

This all delivers excellent performance in a small package for ENG and DSLR video production.

- Turns over a 75 MHz range
- Tracking front-end filters
- LCD with RF spectrum scanning
- Available in various operating frequencies; call or visit our website for more info

Micro Beltpack Transmitter

The Lectrosonics SSM is ideal for any application where concealment in clothing is required. Despite its tiny size, it offers an extensive feature set.

- Tunable across 3 standard frequency blocks
- Superb Digital Hybrid Wireless audio
- Selectable 25 or 50 mW RF power
- Wide range input gain control in 1 dB steps

HMa Plug-on Transmitter

This unique plug-on transmitter design will perfectly fit onto your bodypack instrument transmitter, providing a comfortable and effective solution for live sound events and installations.

- Supports transmitter talkback feature
- Wide range of accessories available
- 3-block tuning with 3,072 selectable UHF frequencies
- LCD with RF spectrum scanning
- Tracking front-end filters
- Selectable 25 or 50 mW output power
- Wide range input gain control in 1 dB steps, up to 302 selectable frequencies and more.

Smooth Wireless Audio

For Video Applications

The Lectrosonics SSM camera slot dual UHF receiver offers two independent channels and fits into the standard slots found on most professional cameras. Phantom power is selectable at 5, 15 and 48 volts, or can be turned off for use with dynamic microphones and line level signal sources.

Versatile Beltpack Transmitter

The Lectrosonics SSM configuration feature makes it ideal for a wide variety of applications. 50 mW RF power

- Tunable across 3 standard frequency blocks
- High Quality Digital Hybrid Wireless audio

Networkable Wireless Receiver

Compatible with most Lectrosonics transmitters, the D Squared Series (DSQD) is a
4-channel, half-rack wireless receiver offering superb audio quality with ultra-low latency and high-quality balanced analog and digital Dante network audio outputs. It’s also available with an AES digital output (instead of a Dante output). The LT beltpack transmitter offers selectable 25/50 mW output power, a wide-range input gain control in 1 dB steps, up to 302 selectable frequencies and more.

- Four-channel, half-rack design
- Continuously tunable tracking filters covering 470.100 - 6.1475 MHz
- Built-in wide band antenna multicoupler with loop thru for additional receivers
- Analogue and Dante audio outputs (AES3 output available version)
- Ethernet and USB interface
- Offline full system frequency coordination

Hear for Yourself Why Industry Pros Count on Lectrosonics’ Innovative Wireless Technology!
HMD 300

Everything that is important to professionals.

More features for your money

The closed, supra-aural HMD 300 supports professionals involved in broadcasting with several smart solutions. Its pressure-sensitive design permits outstanding wearing comfort even during extended sessions. The speech and sound quality are of just as professional a standard as the hearing protection facilitated by switchable Peak Level Protection. Together with its high level of passive noise attenuation and proven structure-borne noise decoupling, the HMD 300 offers substantially more performance than you would expect for the price.

www.sennheiser.com/hmd-300-pro

Wireless Lavalier Set

This easy-to-use digital wireless camera-mount set comes with a camera-mount receiver, bodypack transmitter and omnidirectional lavalier mic. It operates in the convenient, license-free 2.4 GHz band -
• Miniature camera-mount receiver
• Miniature bodypack transmitter
• ME2-II lavalier microphone

XSW-D-PORTABLE-LAV

Portable lavalier set $299.95

Wireless ENG Set

With a generous operating range and long battery life, this easy-to-use digital wireless camera-mount set is ideal for ENG. It comes with a camera-mount receiver, bodypack transmitter and omnidirectional lavalier mic.

• Miniature camera-mount receiver
• Miniature bodypack transmitter
• ME2-II lavalier microphone, shoe mount and more

XSW-D-PORTABLE-ENG

Portable ENG set $399.95

Wireless Interview Set

This easy-to-use digital wireless camera-mount set is perfect for man-in-the-street interviews. It comes with a camera-mount receiver, a plug-on transmitter for dynamic mics (mics not included) and more.

• Miniature camera-mount receiver
• Plug-on transmitter
• Easy one-button operation

XSW-D-PORTABLE-INTERVIEW

Portable interview set $249.95

Wireless Instrument Set

Great for a live sound engineer’s or musician’s arsenal, this digital wireless instrument set offers an operating range of up to 250 feet with up to five hours of battery life over the license-free 2.4 GHz band.

• One touch ease-of-use
• 2.4 GHz digital transmission
• Up to 5 hours battery life

XSW-D-INST

Instrument set $299.95

Wireless Lavalier Set

This digital wireless set features an ME2-II lavalier microphone, making capturing dialogue on a DSLR easier than ever before while maintaining a reliable connection.

• ME2-II lavalier microphone
• XSW-D 3.5mm (1/8") transmitter
• XSW-D XLR male receiver

XSW-D-LEV

Lavalier set $349.95

Wireless Vocal Set

This digital wireless vocal set is perfect for live vocals, stage performance and presentations. Offering great sound quality with exceptional ease of use, it operates in the license-free 2.4 GHz band.

• One-touch ease-of-use
• Handheld mic with XLR and 1/8” transmitters

XSW-D-VOCAL

Vocal set $349.95

Wireless Pedalboard Set

This digital wireless set for guitar pedalboards offers easy plug-and-play operation. Miniature camera-mount receiver in the license-free 2.4 GHz band with a range of up to 250 feet and up to five hours of battery life.

• 1/4” plug-on transmitter
• Pedalboard receiver
• Easy plug-and-play operation

XSW-D-PEDAL

Pedalboard set $349.95

Wireless Presentation Set

This easy-to-use wireless audio set uses a digital transmission to seamlessly link audio sources. It makes wireless presentations go smooth and easy while maintaining a reliable connection.

• One touch ease-of-use
• Bodypack transmitter (with no microphone)

XSW-D-PRESENTATION

Presentation set $299.95

Wireless Portable Base Set

This no-nonsense, one-touch digital wireless camera-mount set comes with a bodypack transmitter that will work with lavalier or headset mics. It will work with a lavalier or headset mic (not included).

• Miniature camera-mount receiver
• Operation in 2.4 GHz band

XSW-D-PORTABLE

Portable base set $249.95

Wireless Portable Interview Set

This easy-to-use digital wireless camera-mount set is perfect for man-in-the-street interviews. It comes with a camera-mount receiver, a plug-on transmitter for dynamic mics (mics not included) and more.

• Miniature camera-mount receiver
• Plug-on transmitter
• Easy one-button operation

XSW-D-PORTABLE-INTERVIEW

Portable interview set $249.95

Wireless Portable ENG Set

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• Miniature camera-mount receiver
• Miniature bodypack transmitter
• ME2-II lavalier microphone, shoe mount and more

XSW-D-PORTABLE-ENG

Portable ENG set $399.95

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• Miniature camera-mount receiver
• Operation in 2.4 GHz band

XSW-D-PORTABLE

Portable base set $249.95
World-Class Wireless Systems

Ultra-Versatile Electro-Voice RE3 Series

Electro-Voice’s next-generation RE3 UHF wireless series features 10 pre-packaged sets with the latest EV microphones and a wide range of accessories for every application. RE3 is designed to deliver superior audio performance with best-in-class wireless flexibility and ease-of-use with five frequency bands available in alignment with the latest global RF requirements.

- Five handheld transmitter systems and five bodypack systems
- 36 MHz tuning bandwidths (most bands); 1,440 selectable frequencies
- Eight groups with up to 22 frequency coordinated channels in a group
- Electro-Voice ND and RE series capsules on handheld transmitters for superior sound quality
- Selectable low/high transmitter output power (10mW and 50mW in most bandwidths)
- Rechargeable transmitters and battery charging station (optional accessory)

Sony UWP-D Series Great for ENG

SONY’s UWP-D Series wireless microphone systems use Sony Digital Audio Processing for exceptional sound quality and transmit response compared to conventional analog wireless systems. They’re ideal for ENG/EFP applications.

- Handheld and lavaliere mic, bodypack and/or plug-on transmitter systems
- Digital audio processing for high quality sound
- Portable receiver fits even small camcorders or DSLR cameras
- Fast and easy channel scan
- Automatic channel setting mode
- Wide frequency coverage
- True diversity reception
- Headphone output and USB connection
- Available in channels: 14 (470-512 MHz); 541.25 MHz; 566.25 MHz; 596.25 MHz; 621.25 MHz; 646.25 MHz; 671.25 MHz; 696.25 MHz; 721.25 MHz; and 746.25 MHz.

Digital IEM Transmitter/Receiver

Lectrosonics MGT features two independent stereo transmitters offering digital RF transmission.

- Up to 50 mW per RF carrier
- Works with MGR bodypack receiver
- Dante compatible MGT version available

State-Of-The-Art In-Ear Monitoring

Sennheiser’s new G4 in-ear monitoring sets feature a robust bodypack receiver and reliable IEM 4 headphones delivering exceptional clarity along the whole frequency spectrum for the most demanding live sound applications.

- Rugged all-in-one wireless monitoring system for in-system applications
- Half-rack stereo transmitter with OLED display for full control
- Bodypack receiver and in-ear monitoring IE 4 headphones
- Up to 42 MHz bandwidth with 1,680 selectable frequencies; 100 meter range

Easy to Use In-Ear Wireless Personal Monitoring Systems

Easy to set up and operate, and with entry level and professional options, the Shure PSM 300 Stereo Personal Monitor System delivers wireless freedom to every corner of the stage.

- Transmitter sends a stereo or mono mix wirelessly
- One-touch IR sync on front panel controls instantly links transmitter to receiver
- Up to 50 mW output power
- MaxMode enables adjustment of two independent monitoring mix levels
- Up to 6 hours of continuous operation with 2 AA batteries

PSM 900 System Bodypack Receiver and Transmitter

The Shure PSM 900 system’s ultra-compact PRP rechargeable stereo bodypack receiver offers unparalleled RF Stability and channel availability. The PRP transmitter boasts state-of-the-art technology for easy setup and operation.

- Enhanced digital stereo encoder provides a wider stereo field
- Patented Audio Reference Companding sounds more like wired
- Available in G6 (460-506 MHz), G7 (506-542 MHz), K1 (596-632 MHz) and L6 (656-692 MHz) and X1 (944-952 MHz) frequency bands

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800-426-8434

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TALK CAN MAKE THINGS CHEAPER.
CALL BSW FOR BEST PRICE! 800.426.8434

OFTEN COPIED BUT NEVER DUPLICATED
PROBOOM 61900

Mic & Monitor Arms That Stay Out Of Sight

ProBoom - The World's Best Professional Studio Mic Arms by O.C. White

PROBOOM:
• Solid 1pc. Steel Base Block
• Built in XLR Cradle

61900BG
Elite mic arm 29" Reach & 15" vertical riser in black with gold plate
List $249.00*

14198-C-B
ProBoom Podcast Junior Lightweight Microphone Arm with Table Edge Clamp 45"
List $119.00

14199-R-B
Elite extended reach mic arm 45" reach with 12" vertical riser in broadcast black
List $219.00

51900BLK
Deluxe mic arm with riser, 29" reach with 12" vertical riser in broadcast black
List $199.00

PROBOOM 2-PACK (2) Studio mic booms with 12" risers - black, BSW Exclusive B2PK
List $139.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

UL TIMA ULP The Elegant & Lowest Profile Mic Arm in a Sleek, Modular, Expandable System

Zero clutter! Designed for invisibility on-camera and in the studio. This ingenious arm hides itself and all wiring clutter. Take-Apart Cable Management re-wires in minutes!

Durable steel and aluminum construction lasts years longer than the competition.

ULP
0-6 lb rated Ultima Mic Arm
List $299.00*

ULP-MB Surface mounted low profile Mic Arm
List $349.00

ULP-12R Mic Arm with 12" fixed riser
List $349.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

MIC-LITE-ULP - On-Air Mic Lite
This ON AIR indicator is able to switch between RED and WHITE color options using the O.C. White optional control box, 12V for ULP mic arms.

MIC-LITE-ULP
List $99.00*

MIC-LITE-CONTROL
Optional control box for MIC-LITE-ULP
List $129.00*

**FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!
Innovative New Booms from O.C. White

New Ultra Low Profile Adjustable Mic Booms
O.C. White’s Prodiboom Ultima Gen2 ultra low profile adjustable mic booms let your voice talent be both heard and seen. Their innovative design does away with the visual clutter associated with traditional mic booms. Available in a variety of configurations, they support mics weighing up to five pounds. They are not compatible with the first generation of Ultima products.

- **ULP-18MA-13**: With 12” fixed horizontal arm, 10” riser
- **ULP-9R-13**: With 12” fixed horizontal arm, 12” riser
- **ULP-6R-13**: With 12” fixed horizontal arm, 18” riser
- **ULP-4RT-13**: With two 12” fixed horizontal arms, 18” riser
- **ULP-3RT-13**: With three 12” fixed horizontal arms, 18” riser
- **ULP-2R-13**: With four 12” fixed horizontal arms, 18” riser
- **ULP-12MA-13**: With 12” fixed horizontal arm, 18” riser
- **ULP-CR-13**: Modular clamp assembly

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

New Scalable Monitor Systems
O.C. White’s Prodiboom Ultima Gen2 SMS monitor systems can hold up to six flatscreen monitors simultaneously, as well as offers a common mounting platform for Prodiboom Ultima gen mic booms. Assembling quickly and easily, they can be adjusted in seconds as needed. Fit together joints and fast wire management channels keep your workspace tidy and streamlined. They are not compatible with the first generation of Ultima products.

- **SMS-LD-2-ULP-13**: One monitor arm and 12” fixed horizontal arm
- **SMS-2-ULP-13**: Two monitor arms and two 12” fixed horizontal arms
- **SMS-3-ULP-13**: Three monitor arms and three 12” fixed horizontal arms
- **SMS-4-ULP-13**: Four monitor arms and four 12” fixed horizontal arms
- **SMS-LD-1-ULP-13**: One monitor arm and 12” fixed horizontal arm
- **SMS-1-ULP-13**: One monitor arm and 12” fixed horizontal arm, two monitor mounts
- **SMS-1-12-ULP-13**: One monitor arm and 12” fixed horizontal arm, two monitor mounts
- **SMS-CR-LE-13**: Two monitor arms and three 8” fixed horizontal arms
- **SMS-4-LE-13**: Four monitor arms and four 8” fixed horizontal arms
- **SMS-1-12-LE-13**: One monitor arm and 12” fixed horizontal arm, one monitor mount

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Innovative Desktop Mic Booms
Pleasing to the eye, with internal wiring and coil spring construction hidden from view, Yellowtec Mika MIRARM Workstation Studio Boom boasts single tube construction with articulated joints to hold mics weighing up to 4.5 lbs.

- **MIRARM**: Mic arm, aluminium finish
- **MIRARM-ONAIR**: Mic arm on-air indicator
- **BUSHING**: Bushing for mounting arm
- **CLAMP**: Table clamp
- **MAPM**: Arm mount for side of pole
- **POLE-17**: 17” vertical pole
- **POLE-33**: 33” vertical pole
- **POLE-KIT**: Pole mount to desk kit
- **YT3301**: Mic Arm TV, aluminium
- **YT3299**: Mic Arm TV, aluminium with on-air light

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Innovative Flatscreen Monitor Stands
Sophisticated Boom Arms

These Yellowtec mic arms come in models with On-Air indicators in M, XL and XS sizes, and models customized for TV broadcasts (M size only). They are available in natural aluminium or black finishes. They are internally wired with open cable tails for user fitting of connectors, and offer several optional mounting options.

- **MMS TV-Arm Pole 7,09” (13cm)**, Now in black! List $435.00
- **On Air Microphone Arm XS aluminium**
- **On Air Microphone Arm M aluminium**
- **On Air Microphone Arm XL aluminium**

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

BSW's Big Boom Selection

- **YT3305**: On Air Mika Arm Aluminium 77 x 13 x 6 cm, Now in black!
- **YT3701**: Microphone Arm Aluminium 77 x 13 x 6 cm, Now in black!
- **YT3705**: On-Air Mic Boom Arm XL aluminium 77 x 13 x 6 cm, Now in black!

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Specially Designed Booms for On-Air Radio and TV

- **YT3105**: Mic Arm “On Air” Aluminium
- **YT3206**: Mic Arm “On Air” Aluminium XS
- **YT3208**: Mic Arm “On Air” Aluminium TV
- **YT3209**: Mic Arm Aluminium TV pole
- **YT3101**: Mic Arm TV-Arm Pole 7,09” (13cm), Now in black! List $435.00
- **YT3207**: Mic Arm “On Air” Aluminium XS
- **YT3208**: Mic Arm “On Air” Aluminium TV
- **YT3209**: Mic Arm Aluminium TV pole
- **YT3701**: Microphone Arm Aluminium 77 x 13 x 6 cm, Now in black!

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**Call BSW for expert advice, special pricing and more.**

1.800.426.8434
MICROPHONE ACCESSORIES

**FIT ALL SORTS OF DIFFERENT MICS SERIES PR40, PR30, PODCASTER, PROCASTER**

**BSW EXCLUSIVE**

### Pop Filters
Fine mesh metal screen diminishes undesirable P-Popping while keeping the integrity of the highs and frequency response. Fits any microphone with a 2 in. diameter.

- **REPOP** for RE20 Mic $59.00
- **REPOP-320** for RE270/PR40 Mics $59.00
- **REPOP-120** for RE310 Mic $59.00

### Strong Bands for Your RE Mic Mount
Better Bands offer wider, stronger bands for the Electro-Voice 309A shock mount for the RE20. These bands mean less replacement and savings for you or your station.

- 4 pack of suspension bands for 309A shockmount
- Wider and stronger
- Specifically formulated, heat-resistant silicone
- BN1 is a mounting stud and thumb screw

- **EB4** $19.99
- **BN1** $27.99

### WindTech Microphone Windscreens
WindTech windscreens are high-quality, cost-effective and come in a large variety of colors.

- Open-cell foam won’t color sound
- Maximum protection from wind and P-popping
- Call or visit our website for full-fit and color options

<table>
<thead>
<tr>
<th>SERIES</th>
<th>DESCRIPTION</th>
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</tr>
</thead>
<tbody>
<tr>
<td>WS3BLK</td>
<td>1-5/8&quot; Large spherical</td>
<td>$31.95</td>
<td></td>
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<tr>
<td>WS312</td>
<td>Regular spherical, blk</td>
<td>1-1/2&quot;</td>
<td>$6.75</td>
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<td>WS612</td>
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</tr>
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<td>WS912</td>
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<td>1-5/8&quot;</td>
<td>$6.99</td>
</tr>
<tr>
<td>WS120AC</td>
<td>p-pack, black</td>
<td>1-5/8&quot;</td>
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### Accessories for Electro-Voice 309A Shock Mount
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<tr>
<td>SCREW</td>
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### WindTech Microphone Windscreens

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### Table Microphone Stand

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<tr>
<td>BCD-STAND</td>
<td>The BCD-Stand is a professional studio desktop microphone stand featuring a 12-foot built-in XLR cable. It comes with a screw mount and clamp.</td>
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### Premium Broadcast Boom Arm

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### Handy Desktop Mic Stands

These desktop mic stands from Gator Frameworks will give you years of reliable performance. Ideal for remote podcast interviews and more.

- **GFW-MIC-0250** mini tripod stand offering a convenient collapsible design
- **GFW-MIC-0601** larger, heavy duty stand with a weight-ed 6 inch round base and a standard twist clutch

### Versatile Mic Stands from Gator Frameworks

Gator Frameworks mic stands come in a range of designs to handle most any application.

- **GFW-ID-MIC**: tripod stand with a 26-inch telescoping boom offering easy one-handed boom adjustment
- **GFW-MIC-1000**: stand with heavy-duty 10-inch round base, 36- to 65-inch height adjustment
- **GFW-MIC-2020**: tripod stand with telescoping boom and impressive height adjustment of 6 to 99 inches
- **GFW-MIC-2100**: tripod stand with deluxe clutches and telescoping boom, 10- to 99-inch height adjustment

### Strong Bands for Your RE Mic Mount

- **EB4** $19.99
- **BN1** $27.99

### 309A Rubber Bands
4 replacement suspension cords for the Electro-Voice 309A shock mount.

- **78297PK** $23.95

### RE Series Shock Mount

Electro-Voice’s 309A is a suspension shock mount for RE series mics.

- **309A** $99.00

### Superb Shock Mount

Designed for Heil Sound’s PR30 and PR40 mics (black and champagne).

- **PS30R** $99.00
- **PS30MC** $99.00

### Pop Filters

Fine mesh metal screen diminishes undesirable P-Popping while keeping the integrity of the highs and frequency response. Fits any microphone with a 2 in. diameter.

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### Superb Shock Mount

Designed for Heil Sound’s PR30 and PR40 mics (black and champagne).

- **PS30R** $99.00
- **PS30MC** $99.00

### Table Top Isolation Shield

This portable defense shield a mic from the detrimental effects of both indoor near-field acoustic reflections and excessive outdoor ambient noise.

- **SOUNDSHIELD** $99.00

### Versatile Studio Boom

Heil Sound’s PLTZ utilizes a system of internal springs to provide perfect balance and silent, effortless adjustment of its position.

- **PLT** $109.00
If you’re just getting started in podcasting or want to upgrade your setup, we’ve got what you need, including lots of money saving gear packages.

**Pro Podcasting with BSW**

RODE's RØDECaster Pro is an all-in-one studio for easy, professional-quality podcasting. It boasts an integrated mixer, a sound effects player, Bluetooth phone connectivity with echo-cancelling automatic mix-minus, onboard APHEX audio processing and a whole lot more. Call or visit our website for full details on this revolutionary podcasting solution.

- Four high-quality XLR mic inputs with 55+dB of input gain
- Eight programmable pads for sound effects and jingles
- Wireless and wired phone connectivity with automatic mix-minus
- USB channel (also with mix-minus)
- Record direct to microSD card or computer via USB
- Supports multi-tracking
- New firmware offers PAUSE mode and RECORD button color-coding

RODECASTER PRO

Integrated podcast production console

BSW RCP-CASE

BSW Series RØDECaster Pro Podcast Mixer Case with empty storage

3I-1813-7-RCP

iSeries RØDECaster Pro Podcast Mixer Case, hold 2 podmics

BSW RCP-CABLE

Custom BSW Breakout cable for RØDECaster Pro

The world’s first fully integrated podcast production studio!

BSWUSA.COM
**Smooth Podcasting with Zoom**

Zoom’s PodTrak P4 makes it easy to produce high-quality podcasts, offering four balanced mic inputs, four independent headphone outputs, customizable Sound Pads, Bluetooth wireless capability and more. The PodTrak P4+ package adds the Zoomi X-1 Podcast Mic Pack boasting a large diaphragm dynamic mic, professional closed-back headphones, adjustable tabletop mic stand, windscreen and mic cable.

- Four programmable sound pads
- Record to SD, SDHC and SDXC cards
- Android or iOS compatible
- Two-output audio interface with streaming capabilities

**Ultimate Podcast Recorder**

Zoom’s LiveTrak L-8 makes it easy to mix, monitor and record professional-sounding podcasts. It features a large mono screen, 12-in / 4-out USB audio interface, Bluetooth transmitter/receiver, 12-track simultaneous recording, 10-track playback. Make podcasting a breeze with Zoom.

- Six mic inputs with XLR connectors and optional phantom power
- Six headphone outputs with individual volume controls
- Four banks of nine assignable sound pads; 13 pre-loaded sounds or download your own
- Capture remote interviews with auto mix-minus preventing echo
- Color LCD touchscreen display
- 10-track simultaneous recording, 10-track playback

**Portable Podcast Mixer/Recorder**

Zoom’s LiveTrak L-8 makes it easy to mix, monitor and record professional-sounding podcasts. It features a large mono screen, 12-in / 4-out USB audio interface, Bluetooth transmitter/receiver, 12-track simultaneous recording, 10-track playback. Make podcasting a breeze with Zoom.

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- Capture remote interviews with auto mix-minus preventing echo
- Color LCD touchscreen display
- 10-track simultaneous recording, 10-track playback

**Pro Podcast Packages for Four**

Easily create custom mix podcasts with the RØDECaster Pro portable production studio, your choice of four high-quality broadcast mics (with accessories) from five top manufacturers, and more. The game-changing RØDECaster Pro boasts an integrated mixer, a sound effects player, Bluetooth phone connectivity with echo-cancelling automatic mix-minus and onboard APHEX audio processing for sophisticated yet remarkably easy podcast production.

- One 2IN/4OUT Microphones RØDECaster Pro integrated podcast production studio
- Your choice of 4 RØDE PodMics, MXL BCD-1, Heil PR 40, Electro-Voice RE20, or Røde Podcaster's dynamic broadcast mics with boom arms and accessories
- Four Audio-Technica ATHMX01 closed-back dynamic monitor headphones

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- Capture remote interviews with auto mix-minus preventing echo
- Color LCD touchscreen display
- 10-track simultaneous recording, 10-track playback

**Exclusive Podcasts for Powerful Podcasts**

Our exclusive Going Pro RCP kits feature RØDE’s RØDECaster Pro integrated podcast production studio offering four high-quality mic channels, eight programmable sound effects pads, Bluetooth connectivity and more. You also get a closed-back Audio-Technica headphone and your choice of microphone from five top manufacturers along with a desktop stand and cable. The game-changing RØDECaster Pro boasts an integrated mixer, a sound effects player, Bluetooth phone connectivity with echo-cancelling automatic mix-minus and onboard APHEX audio processing for sophisticated yet remarkably easy podcast production.

- RØDECaster Pro integrated podcast production console
- Audio-Technica ATHMX01 closed-back monitoring headphone
- Your choice of a RØDE PodMic, MXL BCD-1, Heil PR 40, Electro-Voice RE20, Shure SM7B, Audio Technica BP40 or Røde Podcaster’s broadcast mic
- Gator desktop mic stand and Mogami XLR cable

**Handy Kits for Great Podcasts**

Our exclusive Going Pro RCP kits feature RØDE’s RØDECaster Pro integrated podcast production studio offering four high-quality mic channels, eight programmable sound effects pads, Bluetooth connectivity and more. You also get a closed-back Audio-Technica headphone and your choice of microphone from five top manufacturers along with a desktop stand and cable.

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- Gator desktop mic stand and Mogami XLR cable

**Add a Guest to Your Podcast**

The perfect companion to our single-user GOINGPRO RCP packages, these ADD kits give you the gear you need to add a guest to your podcast. You get a studio-quality Audio-Technica headphone, a sturdy Gator desktop mic stand, your choice of microphone and accessories, and more. The game-changing RØDECaster Pro boasts an integrated mixer, a sound effects player, Bluetooth phone connectivity with echo-cancelling automatic mix-minus and onboard APHEX audio processing for sophisticated yet remarkably easy podcast production.

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- Four Audio-Technica ATHMX01 closed-back dynamic monitor headphones

**Going Pro RCP**

- $199.00
- $319.98
- $499.99

**Going Pro RCP ADD**

- $319.98
- $499.99
- $699.00
- $899.00
- $999.00
- $1,199.00
- $1,399.00

**Going Pro RCP FULL**

- $799.00
- $949.00
- $1,349.00
- $1,899.00
- $2,249.00
- $2,599.00
- $3,299.00

**Going Pro RCP ADD 7**

- $279.00
- $349.00
- $429.00
- $549.00
- $829.00
- $1,049.00
- $1,649.00
- $2,499.00
Pro Podcast/Remote Packages

These exclusive packages have the tools you need for high quality one-person podcasts/remotes, including the Zoom LiveTrak L-8 console, your choice of microphone from the world’s top manufacturers, headphones and more. FULL packages have the gear for four-person podcasts/remotes, including O.C. White Podcast Pro by Acculite boom arms.

**GOINGPROKIT-L8-1**
- Rode PODMIC microphone
- $539.00

**GOINGPROKIT-L8-2**
- MXL BCD-1 microphone
- $549.00

**GOINGPROKIT-L8-3**
- HEIL PR40 microphone
- $679.00

**GOINGPROKIT-L8-4**
- EV RE320 microphone
- $739.00

**GOINGPROKIT-L8-5**
- Shure SM7B microphone
- $789.00

**GOINGPROKIT-L8-6**
- Audio Technica BP40 microphone
- $709.00

**GOINGPROKIT-L8-7**
- Rode PROCASTER microphone
- $1,699.00

**GOINGPROKIT-L8-FULL-1**
- Rode PODMIC, boom arms
- $1,139.00

**GOINGPROKIT-L8-FULL-2**
- MXL BCD-1, boom arms
- $1,169.00

**GOINGPROKIT-L8-FULL-3**
- HEIL PR40, boom arms
- $2,399.00

**GOINGPROKIT-L8-FULL-5**
- Shure SM7B, boom arms
- $2,139.00

**GOINGPROKIT-L8-FULL-6**
- Audio Technica BP40, boom arms
- $2,119.00

**GOINGPROKIT-L8-FULL-7**
- Rode PROCASTER, boom arms
- $1,699.00

Perfect Video Podcasting Solution

Our latest Going Pro kit has the tools you need for powerful, audience-grabbing podcasting or any other internet radio broadcasting. You get two HDV-1CAMKITS featuring Logitech C920 cameras (with table stands and USB cables), HDVIezer’s HDV Lite software for easy video recording, switching and simultaneous streaming to all popular social media networks, and the new RØDE RØDECaster Pro, a complete podcast production studio. With this exclusive package boasting two Innovation Award winners, how can you go wrong?

**GOINGPROKIT-RCP-HDV-LITE**
- Video for Radio
- $699.00

**GOINGPROKIT-HDV-LITE**
- 1 cam, video podcasting software
- Yearly renewal plans starting at $199

**GOINGPROKIT-HDV-ONE**
- 1 cam, video podcasting software
- Yearly renewal plans starting at $199

**GOINGPROKIT-HDV-1CAMKIT**
- C920 Camera, table stand, 16ft extension cable
- $219.00

**GOINGPROKIT-HDV-LITE**
- Video podcasting solution
- $999.00/year*

**GOINGPROKIT-HDV-ONE**
- Software download
- $588.00/year*

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434

Grow Your Audience and Your Revenue

NEW

NOW WITH VOICE ACTIVATION
CAMERA SWITCHING

IN THESE CHALLENGING TIMES, THE PODFEST COMMUNITY IS HERE TO HELP

JOIN OUR COMMUNITY OF CREATORS ON FACEBOOK
HTTPS://WWW.FACEBOOK.COM/GROUPS/PODFEST

Official equipment sponsor of podfest.
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For your up-to-the-minute best price call 800-426-8434

PODCAST/VIDEO STREAMING

"My gurgling's never sounded better. They must’ve upgraded their podcast system at BSW!"
I would not hesitate to buy from BSW again.

—LUH1214

With our range of cameras, video switchers, lighting systems and more, we’ve got what you need for shooting, editing and streaming great video.

Ideal Broadcast Cameras

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Description</th>
<th>Price (List)</th>
<th>Price (Sale)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV620-WH4</td>
<td>20x PTZ 3GSDI/HDMI HD - White</td>
<td>$1,799.99</td>
<td>$1,499.99</td>
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<tr>
<td>CV620-BK4</td>
<td>20x PTZ 3GSDI/HDMI HD - Black</td>
<td>$1,799.99</td>
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<tr>
<td>CV730-WH</td>
<td>UHD60 PTZ 30x Optical Zoom - Black</td>
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<td>UHD60 PTZ 30x Optical Zoom - Black</td>
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<tr>
<td>CV630-IPW</td>
<td>UHD 30x IP PTZ Optical Zoom - Black</td>
<td>$2,399.99</td>
<td>$2,099.99</td>
</tr>
<tr>
<td>CV630-IP</td>
<td>UHD 30x IP PTZ Optical Zoom - White</td>
<td>$2,399.99</td>
<td>$2,099.99</td>
</tr>
<tr>
<td>CV612HT-4K</td>
<td>UHD 30x Optical Zoom - Black</td>
<td>$2,699.00</td>
<td>$2,399.00</td>
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<tr>
<td>CV612HT-4KW</td>
<td>UHD 30x Optical Zoom - White</td>
<td>$2,699.00</td>
<td>$2,399.00</td>
</tr>
<tr>
<td>CV610-UB</td>
<td>Miniature HD Camera (3G/HD-SDI)</td>
<td>$499.00</td>
<td>$499.00</td>
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<tr>
<td>CV506</td>
<td>Miniature HD Camera (3G/HD-SDI)</td>
<td>$499.00</td>
<td>$499.00</td>
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<tr>
<td>CV506-H12</td>
<td>Miniature HD Camera 120fps</td>
<td>$39.00</td>
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<tr>
<td>CV503-WP</td>
<td>Miniature All-Weather HD Camera</td>
<td>$549.00</td>
<td>$549.00</td>
</tr>
</tbody>
</table>

Cutting-Edge Marshall Cameras

Marshall PTZ Cameras offer high-quality, crisp video in a smooth, tri-synchronous Pan-Tilt-Zoom motor, controllable through remote, RS-232, or Ethernet connection. They’re available in black or white with 3G-SDI, IP, HDMI, and HDBaseT outputs.

Versatile 4K/UHD cameras are designed around the latest in sensor technology and refined to meet the highest in broadcast and AV standards.

Miniature Cameras deliver full-HD, broadcast-quality resolution in small, durable housings, making them convenient for filming in unique angles or tight spaces.

Call us or visit BSWUSA.com for full details.

Shooting Video? You Need BSW

True Digital Film Cameras for Hi-Res Performance

Blackmagic Design Cinema Cameras boast wide dynamic ranges for shooting true digital film along with precision-mount optics and high quality RAW and ProRes file recording. They offer industry-standard connections and are precision-engineered from machined metal for rugged durability.

- True digital film cameras in compact, handheld size
- Cinematic quality for all your productions
- Wide dynamic ranges for rich detail and brighter highlights without clipping
- Industry-standard connections
- Precision-engineered from machined metal

Visit BSWUSA.COM for full info on Blackmagic Design cameras.

Smooth Video Switching

Roland’s versatile video mixing switchers make it easy to switch between multiple feeds for compelling, audience-grabbing broadcasts in HD or 4K. Call, or visit our website for full info.

- Stellar image quality
- Wide range of connectivity
- Compact, portable designs

V-02HD Multi-format video mixer $995.00
V-600HDR 4K HDR video switcher $11,700.00
V-1200HDR V-1200HD control surface $4,995.00
V-600HDRX Multi-format video switcher $7,495.00
V-60HHD HD video switcher $2,995.00
V-60HHD Live video switcher $2,995.00

Easy video switching for audience-grabbing broadcasts!

Streamers/Recorders

Over IP streaming encoder and decoder that simultaneously records, encodes, streams, and decodes.

V-8265:
- Decodes multiple 4K video streams (3840x2160)
- High Efficiency Video Coding (HEVC)
- HDMI video quality at half the bit rate

V-8264:
- Decodes multiple HD video streams (1920x1080)
- HDMI long GOP encoding with bit rates up to 30 megabits over standard networks suitable for 100Mbps or 1Gbps

V-8265 4K/UHD Streamer/Recorder $1,999.99
V-8264 HD Streamer/Encoder $1,499.99

BMD-CINEURSAM40K-EF $2,995.00
BMD-CINEURSAM40K-WF $1,295.00
BMD-CINECAMPOCHDMFT4K $1,295.00
BMD-CINECAMPOCHDMFT2 $1,295.00
BMD-CINETUDMFTHD-2 $1,295.00
BMD-CINETUDMFTHD-4 $1,295.00
BMD-CINEUSAM600-EF $2,995.00
BMD-CINEUSAM600-WF $1,295.00
BMD-CINEUSAM404C $3,495.00
BMD-CINEUSAM404CHHD $1,695.00
BMD-CINEURSAM40K-EF $2,995.00
BMD-CINEURSAM40K-WF $1,295.00
BMD-CINECAMPOCHDMFT4K $1,295.00
BMD-CINECAMPOCHDMFT2 $1,295.00
BMD-CINETUDMFTHD-2 $1,295.00
BMD-CINETUDMFTHD-4 $1,295.00

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- Precision-engineered from machined metal

Visit BSWUSA.COM for full info on Blackmagic Design cameras.

New Technology

BMD-CINEUSAM600-EF
BMD-CINEUSAM404C
BMD-CINECAMPOCHDMFT2
BMD-CINECAMPOCHDMFT4K
BMD-CINEUSAM40K-EF
BMD-CINEUSAM40K-WF
BMD-CINEURSAM40K-EF
BMD-CINEURSAM40K-WF
BMD-CINEUSAM404C
BMD-CINETUDMFTHD-2
BMD-CINETUDMFTHD-4
### Handy Tools for Webcasting and Streaming

The Marshall Turret and AVS are all-in-one broadcasting systems, both featuring a full HD SDI, USB mic, LED light ring, USB C output and more. Zoom’s Q7m-4K and Q8 capture high quality video and audio and support USB connection for easy streaming. Add extra cameras (one or three) to your HDV/AVC system with the HDV CamKits.

**Tarret:**  
- All-in-one free-standing broadcaster system  
- Full HD webcast compatible with H.264 video compression  
- High quality USB condenser microphone with pop filter  
- LED light ring with cool and warm filter accessories  
- High speed, low latency USB C output  
- Internal USB hub, headphone amplifier

**Q8:**  
- High-definition video with high-resolution audio  
- Support for free HD video modes  
- Interchangeable audio input capsule system (detachable X/Y mic included)  
- Up to four tracks of simultaneous audio recording

**Features:**  
- Single-camera kit $219.00  
- HD video recorder $659.00  
- Streaming system $199.00  
- Deluxe streaming system $299.00  
- 4K video recorder $219.99  
- HD video recorder $399.99

### Marshall Electronics

**Feature-Rich, Full-HD Broadcast Cameras**

Marshall Electronics’ CV500 is a USB-powered, high-definition video camera with an ultra-wide 126° Angle-of-View lens, offering simple plug-and-play connectivity with any Mac, PC, or Linux system. The CV500 full HD miniature camera captures detailed shots while maintaining an ultra-discrete, low profile.

Another full HD miniature camera, the CV506, features full-sized BNC (3G/HD-SDI) and HDMI outputs on its rear panel and locking IO connection for power, control, and stereo audio in. The CV506-H12 is specially designed to capture high-speed action and features an HDMI output. The CV506 Mini Kit features GENLOCK Tri-Level Sync to ensure clean switching between cameras.

Call 800/periodcentered.cap426/periodcentered.cap8434 or visit BSWUSA.com for full details on these great broadcast cameras.

### Professional Quality Webcasting with a Smartphone

With Roland’s GO:live:cast hardware, companion app, and your smartphone, you have all the tools you need to present engaging live web shows that will rival the most advanced creators on social media.

- Complete pro-production studio for webcast-  
- Integrated system combining a compact desktop hardware interface with an interactive app  
- Compatible with Twitch, Facebook Live, YouTube, and other major streaming platforms  
- Control smartphone cameras, trigger media, and adjust levels as you stream with intuitive, hands-on controls  
- Three microphone input options for great vocal sound: onboard microphone with rev-effect, plus XLR input with phantom power and combo jack

**Features:**  
- Live streaming interface $249.99  
- LIVECAST $595.00  
- GO:live:cast $299.00

### Portable Compact Video Switcher

Roland V-1HD makes it easy to connect and switch video cameras, smartphones, computers and other HDMI video sources with a push of a button or slide of a T-Fader. It supports professional compositing effects such as picture-in-picture and keying allowing for graphic insets, titling and even green screen.

- Support for video cameras, action cameras, smartphones, tablet computers and other HDMI devices  
- 4 HDMI inputs  
- Supports up to Full HD 1080p  
- Easy to use interface  
- Two EFFECTS knobs deliver genuine visual performance  
- Full 12-channel mixer included

**Features:**  
- HD Video Switcher $995.00  
- V-1HD $1,495.00

### All-In-One Portable Production Studio

Roland’s VR-4HD boasts a digital audio-mixer, video switcher, multi-viewer touch screen and USB video/audio streaming interface in one compact, portable package. Switching and mixing sound and video is smooth and easy thanks to advanced video and audio OFE along with dedicated hardware controls and a touch screen interface.

- Integrated touch screen preview monitor  
- 6 input, 4-channel video switcher  
- 18-channel digital audio mixer with XLR, TRS, and RCA jacks along with audio from HDMI inputs  
- Built-in touch quad input multi-viewer with audio metering  
- USB 3.0 Video/Audio output up to 1080/30p  
- Supports HDMI, RGB Component and Composite video inputs up to 1080p

**Features:**  
- Live production streaming switcher $2,495.00  
- Portable compact video switcher $1,495.00  
- All-in-one portable production studio $2,495.00
Automate your Social Media Streaming!

Special HDV Mixer Packages

These exclusive packages give you the tools you need to add audience-grabbing video to your radio programs along with full social media integration.

- 6 simultaneous live video sources (9 for FULL pkg)
- Fixed cameras (SMALL) or robotic cameras (DUO, MID, FULL)
- Video automation and Social Media Features included
- Voice activation camera switching (Small tally/GPS only)

HDV SMALL (Server, interface & 3 cam) List $5,346.00
HDV DUO (Server, interface & 2 cam) List $9,999.00
HDV MID (Server, interface & 3 cam) List $12,406.00
HDV FULL (Server, interface & 4 cam) List $16,140.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

Annual support and licensing starting at $99 per month (when billed annually.)

Developed and supported in USA.

NOW WITH VOICE ACTIVATION CAMERA SWITCHING

Perfect Video Podcasting Solution

Our latest Going Pro Kit has the tools you need for powerful, audience-grabbing podcasting or any other internet radio broadcasting. You get two HDV-1CAMKITs featuring Logitech C920 cameras (with table stands and USB cables), HDVMixer’s HDV Lite software for easy video recording, switching and simultaneous streaming to all popular social media networks, and the new RØDE RØDECaster Pro, a complete podcast production studio. With this exclusive package boasting two Innovation Award winners, how can you go wrong?

GOINGPROKIT-RCP-HDVLITE
Rodcaster Pro, HDV LITE, HDV-1CAMKIT
HDV LITE 2 cam, video podcasting software
HDV ONE 1 cam, video podcasting software
HDV ICE HDV Camera, table stand, 16ft extension cable

List $1,797.00
List $499.00
List $588.00
List $219.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434!

AS SEEN ON BSWTV
CATCH THE REPLAY ON YOUTUBE, SEARCH BSWUSAVIDEO!
On-the-Go Live Video Streaming

Comrex’s LiveShot Portable helps deliver high-quality, low-latency live video over a range of IP networks.

- **H.264 video codec**
- **AAC, HE-AAC, and AAC-ELD audio codecs**
- **Less than 200mS delay for two-way broadcast (depending on network factors)**
- **Full-duplex cue channel**
- **CrossLock VPN technology for secure and stable broadcasting**
- **Highly portable – 3 lbs, camera mounted, runs on phantom battery power**
- **Works over 3G/4G networks, Wi-Fi, wired broadband IP connections, and more**
- **Works in conjunction with LiveShot Studio**

**LiveShot-Portable**

List $8,000.00*

Use Multiple USB Modems at Once

LiveShot Hub helps LiveShot Portable stream high-quality video in challenging 3G-only environments.

- **Offers connections for up to four USB devices in challenging 3G-only environments**
- **Provides additional 3G bandwidth**

**LiveShot-Hub**

List $400.00*

Rackmount Video IP Codec

LiveShot Studio is a state-of-the-art codec for high-quality video using low network bandwidth.

- **H.264 video codec**
- **AAC, HE-AAC, and AAC-ELD audio codecs**
- **Less than 200mS delay for two-way broadcast (depending on network factors)**
- **Full-duplex cue channel**
- **CrossLock VPN technology for secure and stable broadcasting**
- **Works over 3G/4G networks, Wi-Fi, wired broadband IP connections, and more**
- **Works in conjunction with LiveShot Portable OR another LiveShot Studio**

**LiveShot-Studio**

List $7,000.00*

Robust Cellular Modems Designed for Broadcast

The Comrex Connect Modem is a high-powered, industrial-strength 4G/LTE modem that is also 3G compatible (not Verizon). It’s available in three versions, supporting connections to Verizon, AT&T, and international networks, and it’s PTCRB and carrier certified to meet all necessary regulations.

- **Designed to easily handle the challenges of remote broadcasting**
- **4G/LTE modem (also 3G compatible-not Verizon)**
- **High gain antenna for handling the heavy data load of an IP video broadcast**
- **Industrial strength, more powerful than commercial USB modems**
- **Available for Verizon, AT&T, and international carriers**
- **Unlocked, carrier approved, PTCRB certified**

**LiveShot-Connect-ATT**

For AT&T networks List $475.00*

**LiveShot-Connect-INT**

For international networks List $475.00*

**LiveShot-Connect-VER**

For Verizon networks List $475.00*

Whether you’re a massive radio empire, podcaster, regional radio group or musician, our experts can help you find the gear you need to be heard. At BSW, our goal is to ensure that what you have to say is heard loud and clear. Give us a call, we’re here to help.

1.800.426.8434

The gear you need AND what to do with it. For demos, how-to and special feature videos from BSW, visit our YouTube channel.

YOUTUBE.COM/BSWUSAVIDEO
**DIGITAL RECORDING – USB INTERFACES**

**New**

**Solid State Logic**

- **Focusrite Scarlett USB Audio Interfaces**
  - The Scarlett range of precision audio interfaces deliver great sound into your DAW via USB 2.0. All models offer class-leading digital conversion and award-winning mic preamps. 6- and 16-channel models feature the MidControl ultra-low-latency DSP mixer and routing with flexible routing capabilities, intuitive one-click presets and ultra-low latency.
  - **SCARLETT-6I6-3G**
    - 6 in, 4 out, 2 preamps
    - $229.99
  - **SCARLETT-8I8-3G**
    - 8 in, 6 out, 2 preamps
    - $299.99
  - **SCARLETT-2I2-3G**
    - 2 in, 2 out, 2 preamps
    - $159.99
  - **SCARLETT-3I3-3G**
    - 3 in, 2 out, 2 preamps, mic, headphones
    - $269.99
  - **SCARLETT-SOLO-3G**
    - 2 in, 2 out, 1 preamp
    - $109.99
  - **SCARLETT-SOLO-STV-3G**
    - 2x1, 1 preamp, mic, headphones
    - $219.99
  - **SCARLETT-18I8-3G**
    - 18 in, 20 out, 8 preamps
    - $499.99

**Ultra-High Resolution Thunderbolt Audio Interfaces**

- The Universal Audio Arrow desktop Thunderbolt 3-powered audio interface offers super high resolution recording. Apollo series models deliver a wide range of classic analog tones and color via real-time UAD processing. As the name implies, Universal Audio interfaces work in both PC and Mac platforms.
  - **ARROW**
    - 2 x 4 Thunderbolt, SOLO processing
    - $499.00
  - **APOLLO-TWINX-QUAD**
    - 10 x 6 Thunderbolt, QUAD Processing
    - $899.00
  - **APOLLO-X4-QUAD**
    - 12 x 18 Thunderbolt 3 Audio Interface
    - $1,399.00
  - **APOLLO-TWINX-QUAD**
    - 10 x 6 Thunderbolt, QUAD Processing
    - $1,399.00
  - **APOLLO-SOLO-3G**
    - 2x4 USB audio interface, Windows
    - $499.00
  - **APOLLO-TWINX-DUO**
    - 2x4 Thunderbolt, 3-powered
    - $499.00

**Compact, Portable USB Audio Interfaces**

- Mackie’s Onyx Artist 1-2 features a boutique-quality Onyx mic preamp for high fidelity and wide dynamic range. Onyx Producer 2-2, delivers high-resolution recording with two Onyx preamps, 16 sophisticated processing plug-ins and more.
  - 48V Phantom Power for use with studio condenser mics
  - High-resolution 2 x 2, 24-bit/192kHz recording
  - Zero-latency direct monitoring of analog inputs
  - **ONYX ARTIST**
    - One mic preamp
    - $129.99
  - **ONYX PRODUCER**
    - Two mic preamps
    - $179.99

**Loaded Audio Interfaces**

- Boasting Class A preamps and DAW software, the PreSonus AudioBox iOne and iTWO are a great recording and production solution for Windows, Mac and iPad. Available in black and blue versions, the AudioBox USB 96 bus powered 2x2 audio interface offers balanced I/O, high resolution and low latency, making it ideal for podcasting, home-casting and more.
  - **IONE**
    - 2 in, 2 out, 2 preamps, mic, headphones
    - $99.99
  - **AUDIOPRACEUSB96-3G**
    - $99.99
  - **ITWO**
    - 2 in, 2 out, 2 preamps, mic, headphones
    - $99.99

---

**DIGITAL RECORDING – USB INTERFACES**

**New**

**Flexible Audio Interfaces with Input Expansion**

- TASCAM’s SERIES USB audio/MIDI interfaces feature two (102i) or four (208i) balanced XLR/TRS combo mic/line/instrument inputs with transparent, ultra low noise preamps and optical SBM6X expansion ports that accept additional channels of audio input (10 total inputs for 102i and 20 total inputs for 208i). Delivering Up to 24-bit/192 kHz recording and playback, they boast built-in DSP effects and processing and come with easy to use monitor mic control and balanced monitor outputs.

**High Quality Recording On the Go**

- iRig Pre DUO 2-channel audio/MIDI interface has everything you need for professional recording on the go.
  - **iRIG PRODUCE IN**
    - Mobile 2-channel audio/MIDI interface
    - $199.99
  - **iRIG PRODUCE IN**
    - High-definition mic preamp for iPhone/iPad & Mac
    - $99.99

**New**

**Great Gear for Home Studios**

- These USB 2.0 (USB-C) audio interfaces from Solid State Logic offer premium mic preamps with 64x phantom power, 24-bit/192 kHz ADA48X AKM converters, an easy-to-use monitor mic control and balanced monitor outputs.

---

**New**

**Powerful Portable USB 2.0 Audio Interface**

- The TASCAM Babyface Pro is a 2-channel USB 2.0 bus-powered audio interface offering ultra-high 192 kHz resolution. Boasting rugged aluminum construction, it features high-performance analog and digital circuits along with innovative energy saving technologies that deliver supreme fidelity with no compromises in level, noise or distortion.

**FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800-426-8434**

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**New**

**Digital Recording & USB Interfaces**

- **BSW**
  - Customer Favorite

---

**Focusrite Scarlett USB Audio Interfaces**

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---

**New**

**Digital Recording & USB Interfaces**

- **BSW**
  - Customer Favorite
High Quality, Versatile Sound Card
The versatile, high-resolution Digigram VX222HR PCI card brings outstanding audio-quality and reliability to applications such as broadcast, post-production, music production and live performance. The high-resolution series is the new industry standard for the most demanding pro audio applications. State of the art sound quality, more features, more processing power, and greater flexibility for custom developments make this new generation of sound cards a top choice for audio professionals. The VX222E is a PCI Express version.

- 2/2 balanced analog and AES/EBU I/Os
- Comprehensive set of drivers including Digigram SDK as well as low-latency WDM DirectSound, ASIO, and Wave
- 32-bit/192kHz PCI Master mode, PCI and PCI-X compatible interface
- 24-bit/192kHz AD/DA converters
- +24 dBu maximum analog signal levels
- 3 band parametric EQ and maximizer
- LTC and inter-board synchronization inputs

Soundcards for Demanding Jobs
The Digigram VX222HR multi-channel sound card is designed for demanding applications in broadcast such as production, on-air and logging and offers 8/8 analog plus digital I/O. The VX222E is a PCI Express version. The VX222HR PCI Express card sports 4/4 analog plus digital I/O and is great for applications requiring two stereo inputs and outputs.

PCle Card Boasts Digital Mixer For Extensive Routing
The Digigram Ltd.a/b PCI Express multi-channel sound card designed for broadcast audio recording and logging systems. Offering 24-bit/192kHz conversion, it boasts eight balanced analog inputs (each with independent automatic gain control), two balanced analog outputs, a headphone output for monitoring, and an integrated hardware digital mixer for extensive routing options.

AudioScience IYO-DANTE
The Iyo Dante® is a cost-effective family of microphone/lime Dante audio-over-IP (AoIP) interfaces in a 1/4 rack mount format. Several models provide various configurations of balanced analog audio inputs and outputs.

- **IYO-DANTE 8.8.8**
  - 8 in 8 out mic/line
  - **List $419.95**
  - **Mark Down $409.00**

- **IYO-DANTE 16.16.16**
  - 16 in 16 out mic/line
  - **List $860.00**
  - **Mark Down $850.00**

Flexible PCI Express Cards for Broadcast Applications
The ASI 810 offers 8/16 PCI Express cards offer 2 stereo record streams and 4 stereo play streams. The ASI 812 is a professional PCI Express audio adapter for radio broadcast FM/MPX generation. When on-board compression is not needed, the ASI 700 series provides multichannel playback and record. Both balanced analog and AES/EBU I/O are offered.

- **ASI810**
  - 4 play/1 out
  - **List $459.00**

- **ASI811**
  - 4 play/1 out
  - **List $509.00**

- **ASI812**
  - 4 play/1 out
  - **List $569.00**

- **ASI720**
  - 12 play/4 out
  - **List $549.00**

- **ASI722**
  - 12 play/2 out
  - **List $569.00**

- **ASI740**
  - 12 play/4 out, with BOB1038
  - **List $915.00**

- **ASI744**
  - 12 play/4 out, with BOB1038
  - **List $915.00**

- **ASI780**
  - 6/4 play/18 out, with BOB1038
  - **List $1,395.00**

For your up-to-the-minute best price call 800.426.8434.

CobraNet Sound Cards, Modules and Interfaces
The ASI616, ASI6416, and ASI6316 allow multiple streams of audio to be played and recorded to/from a CobraNet network. The ASI2416 allows audio equipment to be interfaced to the CobraNet network. It can be configured with ASI40-audio and/or AES/EBU or GPIO I/O modules.

- **ASI6416**
  - 16 play/16 record
  - **List $1,860.00**

- **ASI6316**
  - 16 play/16 record
  - **List $2,295.00**

- **ASI5812**
  - 4 AES/EBU I/O Module
  - **List $645.00**

- **ASI5814**
  - 8 AES/EBU I/O Module
  - **List $1,295.00**

- **ASI5832**
  - 16 AES/EBU I/O Module
  - **List $2,295.00**

- **ASI5840**
  - 32 AES/EBU I/O Module
  - **List $3,495.00**

For your up-to-the-minute best price call 800.426.8434.

Digital Converters

Great for Analog to Stereo AES Conversion
The Broadcast Tools AOC-1 Plus provides professional quality analog to 24-bit digital audio conversion. Features: balanced stereo analog inputs and AES output via XLR connectors. The front panel is equipped with left and right analog input trimmers, options switch, LED level meters, and power LED indicator.

- A/O converter may be configured for sample rates of 44.1 or 48kHz
- Balanced stereo analog inputs and AES output via XLR connectors
- Front panel L/R analog input trimmers
- Surge protected 15 VDC power supply
- Front panel LED level meters and power LED indicator

- May be set on a desktop or mounted on a wall

**AD/DA PLS**

**$409.00**

Loaded D/A Audio Converter
The Broadcast Tools DAC-1 is a 24-bit stereo digital-to-analog audio converter boasting an SPDIF alarm relay that configures to close when an analog silence and/or an AES error is detected.

- Front panel silence sensor
- AES error status and sample rate LED indicators
- AES input and balanced stereo output

**DAC-1**

**$419.95**

Up to Eight Channels of Simultaneous Audio/Data Capture
AudioScience ASI6300 professional PCI tuner converters are designed for use in AM/ FM/SPDIF/DVI broadcast audio monitoring and auditing. Up to eight different channels of AM or FM can be received and recorded simultaneously from a single antenna input. Recording formats include PCM and MPEG-1 layers I and MPEG-2 Layer 3 (MP3). -1000 dBm and -5500 dBm supports HD Radio and DAB/DAB+. 171

<table>
<thead>
<tr>
<th>Model</th>
<th>Channels</th>
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<tbody>
<tr>
<td>ASI6301</td>
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<tr>
<td>ASI6302</td>
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<td>ASI6304</td>
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<td>2</td>
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</tr>
<tr>
<td>ASI6320</td>
<td>8</td>
<td>$1,295.00</td>
</tr>
</tbody>
</table>

**For your up-to-the-minute best price call 800.426.8434.**

**NEW**

Broadcast-Ready Sound Cards
The AudioScience ASI700 series utilizes the PCI Express interface for faster bus speeds and compatibility with the latest systems. Cards offer up to 24 stereo streams of playback into up to 8 stereo outputs and up to 8 stereo streams of record from up to 4 stereo inputs. Formats include PCM, MPEG layer 2 and MP3 with sample rates to 96kHz. BOB breakout boxes and cables can be added for an extra charge.

- **ASI702**
  - 4 play/4 out
  - **List $1,495.00**

- **ASI704**
  - 4 play/4 out
  - **List $1,795.00**

- **ASI708**
  - 4 play/4 out
  - **List $1,995.00**

- **ASI712**
  - 4 play/4 out
  - **List $2,295.00**

- **ASI716**
  - 4 play/4 out
  - **List $2,995.00**

- **ASI720**
  - 8 play/4 out
  - **List $3,115.00**

- **ASI724**
  - 8 play/4 out
  - **List $3,415.00**

- **ASI728**
  - 8 play/4 out
  - **List $3,715.00**

- **ASI732**
  - 8 play/4 out
  - **List $4,015.00**

For your up-to-the-minute best price call 800.426.8434.
Mixers for Every Venue and Every Budget

NEW State-of-the-Art StudioLive Mixers

These third generation StudioLive digital mixing consoles from PreSonus offer touch-sensitive motorized faders, recallable preamps, multi-track recording and USB mixing consoles from PreSonus offer touch-sensitive motorized faders, recallable preamps, multi-track recording and more. Their studio-grade sound is enhanced with the latest Fat Channel processing, including vintage-style EQ and compression options on every channel.

- 32-CH Digital Mixer and USB Audio Interface
- 24-CH Digital Mixer and USB Audio Interface
- 16-CH Digital Mixer and USB Audio Interface

STUDIOLIVE-32C
STUDIOLIVE-24C
STUDIOLIVE-16C

Hybrid Consoles for Mixing and Recording

These third generation StudioLive digital mixing consoles from PreSonus offer touch-sensitive motorized faders, recallable preamps, multi-track recording and more. Their studio-grade sound is enhanced with the latest Fat Channel processing, including vintage-style EQ and compression options on every channel.

- 32-channel console/recorder
- 24-channel console/recorder

STUDIOLIVE-32
STUDIOLIVE-24

Powerful Digital Wireless Live Sound Mixers

These new DL series digital live sound mixers from Mackie offer built-in Wi-Fi networking, powerful processing and signal routing, multitrack recording and playback along with full multiplatform support on the Master Fader control app. You can wirelessly mic from anywhere in the room via iOS, Android, Mac or PC. The DL 16S features 16 Onyx+™ mic preamps and 13 busses. The DL16S caps the ante with 32 preamps and 15 busses.

- 16 x 16 (DL16S) or 32 x 2 x 16 (DL32S) USB recording
- Comprehensive DSP for precise sonic tweaking
- Master Fader control app for intuitive control over everything on up to 20 devices simultaneously
- Wireless mixing from anywhere in the room

DL16S
DL32S

Professional Compact Line Mixers

Boasting Mackie’s flagship Onyx mic preamps, the VLZ4 mixer series delivers the proven feature set, high-headroom/low-noise design and ultra-rugged construction that Mackie is famous for.

- High-headroom low-noise design
- Boutique-quality preamps
- Strong RF rejection perfect for broadcast applications
- Phantom power for condenser mics
- High-resolution stereo meters
- Rugged steel chassis with powder-coat finish

VLZ4

Wireless Digital Live Sound Mixer with iPad Control

32-channels of powerful digital mixing that’s completely controllable wirelessly from your iPad, freeing you to get in the mix like never before. It’s got convenient direct-to-drive multi-track recording/playback and an ultra-compact 3U rackmount design that lets you take the chance once and for all. Fully loaded with DSP on each of the 32 Onyx+™ mic pres and 28 busses, the DL32R provides the power needed for professional applications.

- Complete control from your iPad®
- 32 Onyx+™ recallable mic pres with wireless control
- 14 fully-assignable AES outputs
- Stereo AES digital output

DL32R

Magnificent Selection Of Mackie Mixers

Thousands of Items In Stock and Shipping Same Day!*
Audio Mixers

Mixers for In-Studio or On-the-Road

**Elegant, Durable, Simple Layout, Great Sound**
The Allen & Heath ZED Series of USB mixers is ideal for recording, live sound or studio production. Offering up to 16 mono mic/line inputs and four stereo inputs (ZED-26), high gain, low noise preamps, highly responsive EQ, a USB send and return for PC or Mac recording and more, the series delivers incredible bang for your buck. FX models add a comprehensive effects processor. ZED models feature a 4x4 USB interface for hassle-free recording and playback.

- Low noise, high headroom preamps
- Multiband EQ
- Professional faders
- Analog warmth and depth

**ZED Series Prices**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>List Price</th>
<th>Special Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZED10</td>
<td>10 inputs, USB</td>
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<tr>
<td>ZED10FX</td>
<td>10 inputs, USB, FX processor</td>
<td>$369.00</td>
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<tr>
<td>ZED12FX</td>
<td>12 inputs, USB, FX processor</td>
<td>$549.00</td>
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<tr>
<td>ZED14</td>
<td>14 inputs, USB</td>
<td>$649.00</td>
<td></td>
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<tr>
<td>ZED24</td>
<td>24 inputs, USB, 100 mm faders</td>
<td>$799.00</td>
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**ZEDI Series Prices**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>List Price</th>
<th>Special Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZEDI-8</td>
<td>2 Mic/Line + 2 Stereo</td>
<td>$239.00</td>
<td>$169.00</td>
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<tr>
<td>ZEDI-10</td>
<td>4 Mono Mic/Line + 2 Stereo</td>
<td>$299.00</td>
<td>$219.00</td>
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<tr>
<td>ZEDI-10FX</td>
<td>4 Mono Mic/Line + 2 Stereo</td>
<td>$379.00</td>
<td>$279.00</td>
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</table>

**Powerful Compact Digital Mixers**

Allen & Heath’s Qu Series takes compact digital mixing to a new level with innovative design and exceptional functionality. Boosting all the features you’d expect in top shelf mixing consoles, the series delivers incredible audio performance and offers 16-, 24- and 32-channel models to meet your exact needs. Qu Chrome Edition models feature upgraded, high contrast metallic finish controls.

- Responsive touch screen
- Automatic Mic Mixer
- 4 FX engines, iLive FX Library
- USB audio streaming

**Qu Series Prices**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>List Price</th>
<th>Special Price</th>
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<tbody>
<tr>
<td>QU-16C</td>
<td>Chrome, 16 channels</td>
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<td>QU-24C</td>
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<tr>
<td>QU-32C</td>
<td>Chrome, 32 channels</td>
<td>$3,999.00</td>
<td>$2,999.00</td>
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</table>

**Intuitive Mixing**

The BEHRINGER X32 offers 40 processing channels and 25 mix busses. The X32 CORE is a single rack space version. The X32 RACK offers a vivid GUI and 16 programmable preamps. The X32 COMPACT delivers the best of the X32 in a smaller package. The X32 PRODUCER gives you flexible routing, networked remote control and more.

- 40-input channel, 25-bus digital mixing console for Studio and Live application
- 32 MIDAS-designed, fully programmable mic preamps
- 16 XLR outputs, 5 additional line in/outs, 2 phone connectors and talkback
- 32 x 32 channel USB 2.0 audio interface, with DMX remote control

**X32 Series Prices**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>List Price</th>
<th>Special Price</th>
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<tr>
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<tr>
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<tr>
<td>X32-PRODUCER</td>
<td></td>
<td>$1,599.99</td>
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</tr>
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</table>

**High-Resolution Digital Mixers**

Allen & Heath’s new SQ Series Digital Mixers deliver high resolution audio with ultra-low latency. Both models sport 40 input channels and 36 bus outs along with eight stereo FX engines with dedicated return channels for dialing in the perfect sound.

- 16 (S-Q5) or 24 (SQ-6) onboard preamps; 8 stereo FX engines
- 17 (S-Q5) or 25 (SQ-6) faders with 6 layers; 12 stereo mixes + LR
- 32x32 USB audio interface; SLink port for networking
- 64-channel I/O port for networking; SLink port for remote audio expansion

**SQ Series Prices**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>List Price</th>
<th>Special Price</th>
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<tbody>
<tr>
<td>SQ5</td>
<td>17-Fader digital console</td>
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<tr>
<td>SQ5P</td>
<td>25-Fader digital console</td>
<td>$4,999.00</td>
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</tr>
<tr>
<td>SQ6P</td>
<td>33-Fader digital console</td>
<td>$3,899.00</td>
<td></td>
</tr>
</tbody>
</table>

Whether it’s new innovations or time-tested classics, our website has the widest selection of the gear you need to cut through the noise and be heard in today’s crowded broadcast scene.
BSW Has the Right Yamaha Mixer For You!

**Yamaha Audio Mixers**

- **Compact, But Loaded Digital Mixing Consoles**
  - Yamaha QL series consoles offer all-in-one mixing, processing, and routing capability for small to medium scale live sound, corporate events and installations. Visit our website to find out more.
  - **Features**
    - Natural, uncluttered sound
    - VCM technology
    - Strightforward touch and turn operation
    - Refined interface for intuitive control

- **QL series**
  - 16 channels
  - 32 channels

- **Prices too low to advertise. Call BSW for the lowest price**

- **Advanced Digital Mixing Consoles**
  - Yamaha CL series digital mixing consoles offer sonic purity and extensive sound shaping capabilities. Available in three models with up to 32 channels, there’s probably one that’s ideal for your needs. Visit our website for complete details on these state-of-the-art consoles.
  - **Features**
    - Neve Portico 5033/5043 EQ and compressor w/ Yamaha VCM technology
    - Integrated remote control and offline editing w/ iPad or other computers
    - Dante network audio protocol for flexible system setup
    - RIVAGE PM Series audio quality boosts creative freedom

- **CL series**
  - 16 channels
  - 24 channels
  - 32 channels

- **Prices too low to advertise. Call BSW for the lowest price**

- **Powerful, Intuitive Digital Mixing System**
  - Yamaha’s RIVAGE PM7 digital mixing system offers exceptional sound, intuitive operation, comprehensive functionality, road-tested reliability, ultra-flexible expandability and more.
  - **Features**
    - Direct, fast access to all channel parameters
    - Touch screen and fader strips merge for intuitive control
    - Two monitor/use outputs with independently adjustable output level
    - Supports 5.1 channel surround for broadcast applications

- **RIVAGE PM7**
  - Digital console

- **Prices**
  - $68,700.00
  - $101,999.00
  - $127,399.00
  - $68,999.00

- **I/O Racks for RIVAGE PM7**
  - The Yamaha Rio I/O Rack unit with built-in Dante audio networking. A key component of the RIVAGE PM7 digital mixing system, it’s also fully compatible with QL and CL series digital mixing consoles.
  - **Features**
    - Dante network protocol for flexible system setup
    - Digital compensation for analog gain changes
    - RIVAGE PM Series audio quality boosts creative freedom

- **RIO1608-D2**
  - 16x8 analog
  - $5,249.00

- **RIO3224-D2**
  - 32x16 analog, 8 AES/EBU outs
  - $12,249.00

- **Digital Mixers with Wi-Fi and iOS/Android Control**
  - BEHRINGER’s XR series features Wi-Fi enabled portable/truck mountable mixers for iPad and Android tablets that excel in both live and studio applications.
  - **Features**
    - iOS/Android controlled digital mixers
    - Award-winning MIDAS-designed, fully programmable mic preamps
    - Built-in Tri-Mode WiFi router for direct operation
    - Acclaimed X32 effects rack featuring 4 stereo FX slots with high-end simulations

- **XR series**
  - 12-channel digital mixer for iPad/Android tablets
  - 16-channel digital mixer for iPad/Android tablets

- **Prices**
  - $399.99
  - $599.99

- **Revolutionary Digital Mixers**
  - Soundcraft’s UI Series digital mixers feature cross-platform compatibility with iOS, Android, Windows, Mac OS, and Linux devices, and can use up to 16 control devices simultaneously. The flagship ui24R also offers dual-path, redundant multi-track recording of all 24 inputs to USB and connected Mac/PC.
  - **Features**
    - Cross-platform compatibility with iOS, Android, Windows, Mac OS, and Linux devices
    - Use up to 10 control devices (tablets, phones, PCs) simultaneously
    - High-quality preamps
    - 4-band parametric EQ on all io inputs
    - 31-band graphic EQ on all output channels

- **UI series**
  - 24-channel digital mixer with multi-track recording
  - 16-channel digital mixer
  - 12-channel digital mixer

- **Prices**
  - $699.99
  - $489.99
  - $339.99
Answer your customers’ growing demand for external stand-alone encoders. The full 4K/UHD (VS-R265) and full HD AV (VS-R264) over IP streaming encoders and decoders simultaneously record, encode, stream and decode multiple video stream formats while utilizing High Efficiency Coding (HEVC) that delivers H.264 video quality for 4K content at half the bit rate.

#1 SELLING BRAND OF PROFESSIONAL

HANDHELD FIELD RECORDER

The longtime standard in digital handheld recorders now with USB audio interface capabilities.

Discover what sound designers, musicians, podcasters, photographers, indie filmmakers and more use to get stellar recordings in the field.

Simply put, the best in sound quality, usability, functionality and durability available.

TASCAM. Sound. Thinking.

Call BSW for your best TASCAM price! 1-800-426-8434

The Widest Selection of Portable Recorders is at BSW!

Feature-Packed Handheld SD Recorders

The TASCAM DR-05 records in MP3 or WAV format to microSD or microSDHC media with a pair of high quality built-in condenser mics. The DR-40 offers adjustable built-in mics, balanced XLR inputs and extended battery life. The top-of-the-line DR-100MKIII features premium converters for the best audio performance in the history of TASCAM portable stereo recorders.

- Up to 192kHz/24-bit WAV recording
- Stereo MP3 recording from 32-320kbps bit rate
- Limiter and low-cut filter to help prevent distortion

DR-05X Stereo recorder $119.99
DR-40E 4-track recorder $179.99
DR-100MKIII Linear PCM Recorder $299.99

Portable Recorders

TASCAM offers two portable recorders for easy-of-use with quick setup.

DR-10L:
- Attaches to handheld mic, capturing interviews at Broadcast WAV resolution
- Mic gain/mic input control
- Easy-to-read OLED display
- Uses MicroSD or MicroSDHC media, up to 32GB

DR-05X Stereo recorder $89.99
DR-40E 4-track recorder $179.99
DR-100MKIII Linear PCM Recorder $299.99

TASCAM DSLR Recorders

These TASCAM recorders are ideal for DSLR filmmakers. The portable DR-60DmkII features smooth-sounding mic preamps with premium AD converters. The DR-70D sports four balanced XLR mic inputs for the demands of production sound.

- DR-60DmkII: Four-track WAV or BWAV recording up to 96kHz/24-bit
- DR-60DmkII: Attaches to DSLR camera with top and bottom tripod mounts
- DR-60DmkII: Easy-to-use interface with switches instead of menus
- DR-70D: Four-track recording with high definition mic preamps
- DR-70D: Built-in mixer
- DR-70D: Tripod mounting threads, camera screw attachment and shoe mount

DR-60DmkII 4-track recorder $299.99
DR-60DmkII 4-track recorder with mic $199.99

DR-70D Linear PCM Recorder $799.99
DR-70D Linear PCM Recorder $399.99

DR-701D

DR-100MKIII

DR-05X

DR-40E

DR-10L

DR-10X

DR-70D

DR-701D

BSW CUSTOMERFAVORITE PORTABLE DIGITAL RECORDER

Record. Encode. Stream. Decode. SIMULTANEOUSLY.

Sound. Thinking.

TASCAM. The longtime standard in digital handheld recorders now with USB audio interface capabilities.
PORTABLE DIGITAL RECORDERS

**Ultimate Reporter’s Mic/Recorder**
The Yellowtec iXm reporter’s microphone features an integrated recorder and a choice of interchangeable mic capsules (Premium Line by Beyerdynamic, Pro Line by Yellowtec) in omnidirectional, cardioid and supercardioid patterns. Its innovative LER engine processor ensures perfect audio level in any environment.

The iXm comes with a Yellowtec window screen, accessory pouch, Toshiba 8GB Wi-Fi card and the Uplink App for iOS devices.

- YT5210: $349.00
- YT5260: $399.99
- H8: $1,219.00
- H5: $799.99
- H4N-PRO-BLK: $229.99
- H3: $129.99
- H4N: $59.99
- H4N Accessory Kit: $49.99
- H6: $79.99
- H6 Shotgun mic capsule: $129.99
- IC8: $229.99

**Loaded 6-Channel Portable Recorder**
The new all-black version of Zoom’s H8 offers four interchangeable input capsules and six tracks of simultaneous recording to SD, SDHC and SDXC cards (up to 128GB). Its advanced preamps give it impeccable sound quality.

- Records directly to SD, SDHC and SDXC cards up
- Built-in effects, including low-cut filtering.
- Hi-AllBlack:
  - 4 interchangeable input capsules: X/Y, MS, Shotgun and dual XLR/TRS combo
  - Phantom power for all main inputs

**Versatile Recorder with Three Application-Driven Interfaces**
The new Zoom H8 Handy Recorder offers up to 12 tracks of simultaneous recording and gives you three distinct application-driven interfaces for Field Recording, Music and Podcasting (compatible with Zoom’s interchangeable capsule system).

- 12 simultaneous recording tracks (MIC Pin, background recording, 1-4, A, B, and LRM)
- Up to 24-bit/96kHz audio in BWF-compliant WAV or a variety of MP3 formats
- X/Y capsule, four XLR inputs with phantom power and two XLR/TRS combo connectors

**NEW**

**Zoom’s compact H3-VR features a built-in Ambisonic microphone, recorder and decoder to capture and process spatial audio for virtual reality, augmented reality and mixed-reality content.**

- 4 built-in mics arranged in an Ambisonic array
- Full-sphere surround sound recording
- Single knob gain control of all input levels
- Onboard Ambisonics A to B encoding
- Ambisonics, Stereo Binaural or Standard Stereo recording modes
- Record up to 24-bit/192kHz
- microSDU connector

- H3-VR: $349.99
Mackie's High-Performance SRM Series

Mackie’s SRM Series high performance powered loudspeakers offer superb clarity, output, and control in a sleek, rugged enclosure. Boasting a robust 2000W amplifier with Mackie’s Advanced Impulse DSP tuning and Intelligent Bass Management, they deliver an accurate, consistent sound quality even at extreme volumes. A built-in digital mixer with full color display features Bluetooth streaming and powerful processing plus complete wireless control via the SRM Connect app.

- Industry-leading 2000W Class D amplifier
- High-performance transducers for great sound quality and reliability
- Built-in 4-channel digital mixer with Bluetooth
- Dual independent channels that support mic, line and instrument signals
- Universal power supply (110-240VAC) with Power Factor Correction for consistent performance even with unstable AC power
- Advanced Impulse DSP tuning provides crystal clear sound across the entire dispersion area
- Dedicated limiting/limitation processor for maximum stability
- Complete wireless control via the SRM Connect app

10” 2000W High-Performance Powered Loudspeaker $699.99
12” 2000W High-Performance Powered Loudspeaker $799.99
15” 2000W High-Performance Powered Loudspeaker $899.99

High-Definition Portable Powered Loudspeakers

These Mackie powered loudspeakers offer great sound quality, easy portability and rugged, roadworthy construction.

- 1000W of power
- Sound-enhancing DSP and setup-friendly audio tools
- 10-inch (SRM350V3) or 12-inch (SRM450V3), high-output LF driver

SRM350V3 $499.99
SRM450V3 $549.99

Advanced Powered Loudspeakers

These Mackie loudspeakers feature 12- and 15-inch woofers along with Dynamic Bass Response for clear, powerful low end.

- 1100+ watts of efficient Class D power
- Powerful DSP and built-in 5-channel digital mixer
- BST models offer wireless streaming and control via Bluetooth

THUMP-12A $279.99
THUMP-15A $329.99
THUMP-12BST $389.99
THUMP-15BST $469.99

2000W 2-Way Loudspeakers With Advanced DSP

The QSC K.2 Series of powered loudspeakers features models equipped with a 2000-watt amplifier module that combines with elegant design and advanced DSP to deliver pristine sound quality and smooth pattern control across the listening area.

- 2000Watt Class D amplifier module
- Multi-function digital display for control and selection of cross-over, EQ, delay & frequency contours
- Intrinsic Correction tuning & loudspeaker management
- Consistent performance across the listening area
- 8-inch, 10-inch, 12-inch driver & subwoofer models

KR-2 $649.99
KR-2 $699.99
KX-2 $799.99

Bluetooth-Ready Portable Loudspeakers

JBL’s EON 2-way loudspeakers offer a whopping 1000 watts of clean Class D power, advanced waveguide technology that makes them sound great from anywhere in the room and convenient wireless remote control of their onboard EQ parameters via Bluetooth. Featuring custom JBL high and low frequency transducers, they provide massive sound pressure levels with lower distortion throughout the systems’ full frequency range. Onboard EQ Presets include a Speech setting for high intelligibility in simple PA and announcement applications.

- 1000 watts of peak power (700W LF + 300W HF)
- High-performance LF Driver (10”, 12”, or 15”)
- Innovative waveguide design for superb sound quality
- Bluetooth integration for convenient and control via iOS or Android devices

ERD610 $399.00
ERD612 $449.00
ERD615 $499.00

Livelier Live Sound With Powered Speakers From BSW!

BSW is great. These guys are total pros.
—robbrown062

**FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800.426.8434!**
POWERFUL STUDIO MONITORS

**POWERED STUDIO MONITORS**

- 8010: 5" LF and 3/4" HF drivers with 40/40 watts bi-amp power, 58 Hz-20 kHz frequency response and 108 dB SPL peak per pair
- 8020: 6.5" LF and 3/4" HF drivers with 90/90 watts bi-amp power, 48 Hz-20 kHz frequency response and 115 dB SPL peak per pair
- 8030B: 8" LF and 1" HF drivers with 150/120 watts bi-amp power, 38 Hz-20 kHz frequency response and 120 dB SPL peak per pair

**Great Sound For Tight Spaces!**

The compact Genelec 8320APM is a powerful bi-amped nearfield 2-way monitor system ideal for project studios, workstations, installations and surround sound monitoring. Its Intelligent Signal Sensing feature reduces power consumption by automatically switching the monitor to standby when no audio signal has been detected for some time. Larger models are available for not so tight spaces.

- 8030B: 5" LF and 3/4" metal dome HF drivers List $569.00
- 8040B: 6.5" LF and 3/4" HF drivers List $769.00
- 8050B: 8" LF and 1" HF drivers List $1,199.00

**New**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8030B</td>
<td>5&quot; LF and 3/4&quot; metal dome HF drivers</td>
<td>$569.00</td>
</tr>
<tr>
<td>8040B</td>
<td>6.5&quot; LF and 3/4&quot; HF drivers</td>
<td>$769.00</td>
</tr>
<tr>
<td>8050B</td>
<td>8&quot; LF and 1&quot; HF drivers</td>
<td>$1,199.00</td>
</tr>
</tbody>
</table>

**THE RUMORS ARE PROBABLY TRUE - BSW HAS THE BEST MONITOR SELECTION AT THE BEST PRICES!**

WORKS WITH WHEATSTONE’S WHEATNET-IP CONSOLES!

Smart AoIP Monitor

Specially designed for AoIP workfloes, Genelec’s 8430A Smart Active Monitor (SAM) works great with WHEATSTONE’S IP consoles. Included Genelec Loudspeaker Manager software manages connectivity for up to 30 SAM monitors and subwoofers in the network.

- Smart Active Monitor system with AoIP networkability
- Based on Ravenna IP protocol, with full AES67 support
- Directivity Control Waveguide for on- and off-axis precision
- AutoCal automatically compensates for detrimental room influences
- Minimum Diffraction Enclosure for color free accuracy

8430PM $1,079.00

**New**

- **PASSPORT-VENUE:** Lightweight, 10-channel PA system
  - 600W Class D power
  - One 10" woofer, one 1.2" horn-loaded tweeter in each speaker
  - High EQ, Low EQ, Volume and Reverb controls for each channel
  - Phantom power on mic input channels

**PASSPORT-EVENT:** Lightweight, 7-channel PA system
- 175W Class D-power
- One 5.25" woofer, two 2.75" tweeters in each speaker
- Bluetooth connectivity for streaming music from your mobile device
- Perfect for solo performers, small ensembles, meetings, seminars, and much more.

**PASSPORT-CONFERENCE:** Lightweight, 5-channel PA system
- Perfect for solo performances, small ensembles and speaking presentations
- One 5.25" woofer, two 2.75" tweeters in each speaker
- 175W Class D power

PASSPORT-EVENT-S2
- One 10” woofer, one 1.2” horn-loaded tweeter in each speaker
- 175W system
- $499.99

PASSPORT-CONFERENCE-S2
- One 5.25” woofer, two 2.75” tweeters in each speaker
- 175W system
- $625.00

PASSPORT-VENUE-S2
- One 8” woofer, one 1.2” horn-loaded tweeter in each speaker
- 600W system
- $1,079.00

PASSPORT-EVENT-S2
- One 5.25" woofer, two 2.75" tweeters in each speaker
- 375W system
- $649.99

PASSPORT-VENUE-S2
- One 8” woofer, one 1.2” horn-loaded tweeter in each speaker
- 1,175.00

PASSPORT-EVENT-S2
- One 5.25” woofer, two 2.75” tweeters in each speaker
- 549.99

PASSPORT-VENUE-S2
- One 8” woofer, one 1.2” horn-loaded tweeter in each speaker
- 1,699.00

**New**

**BUNDLE AND SAVE!**

- Save hundreds when you bundle a Passport portable PA with 2 JS-TS50 stands and carrying bag!

**Works With Wheatstone’s Wheatnet-IP Consoles!**

**New**

**Portable Columnar Array System**

**Compact, Powerful MiPro PA Systems**

**Portable PA Systems You Can Carry Like a Suitcase**

Fender PASSPORT Series portable PA systems offer ultimate portability and great sound in three models to meet your unique needs. Passport systems are ideal all-in-one solutions for whatever your audio application may be remote broadcasts, education, sporting and worship events, meetings, seminars, and much more.

**New**

**Fender PASSPORT Series portable PA systems**

**New**

**For Your Up-to-the-Minute Best Price Call 800-426-8434**

800-426-8434 • BSWUSA.COM • INFO@BSWUSA.COM

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FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800-426-8434

185

FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800-426-8434

184
New Highly Responsive Reference Monitors

The next generation JBL 3 MKII series of 2-way powered studio monitors feature custom-designed Kevlar drivers for smooth midrange definition/heat distortion and pristine high and tight, controlled low-end.

- Bi-amplified Class D amplification
- Optimized front ported bass reflex enclosure design
- Mid and High Frequency EQs with 40 DSP EQ presets for superior sonic room/cabinet interaction
- Wide sweet spot and precise imaging

Active Studio Monitors Deliver Superior Stereo Imaging

KRK Rolandi’s two-way powered monitors feature a proprietary woofer for clear midrange and tight bass, and a soft-dome 1-inch tweeter that delivers extended response up to 35kHz. Class A/B bi-amplification offers high headroom and low distortion.

- Glass aramid composite cone woofer
- Advanced waveguide technology
- HF/LF level controls
- A/B bi-amplification
- Multiple input options (XLR, 1/4" balanced/unbalanced, XLR)

RP54
RP74
RP84
6"/150W
8"/300W
$269.99
$199.99
$149.99

RP104
RP106
10"/600W
$399.99
$299.99
$219.99

RM304
RM324
3"/50W Class A/B bi-amplification
6.5"/85W bi-amplification
$169.99
$269.99

RM804
MR826
8"/150W
6.5"/85W bi-amplification
$219.99
$269.99

2004MKII
MR524
5"/50W Class A/B bi-amplification
$169.99

MR624
MR826
6.5"/85W bi-amplification
8"/150W bi-amplification
$219.99
$269.99

New Powerful Studio Monitors for Monitors You Can Count on

CR Series Multimedia Monitor Pairs

Mackie CR Series Creative Reference Multimedia Monitors offer studio-quality sound and a sleek, eye-catching design. They sport 3.5" or 5" woofers and boast a front panel headphone-out and volume control with rear panel inputs of balanced 1/4" TRS, 1/8" Stereo, and RCA. High-quality cables are included.

- Professional studio-quality sound
- Perfect upgrade for your desktop speakers
- Great for home studies, content creators and more
- 50 watts of drive, articulate stereo sound (CR3-X delivers 80 watts)
- Specially designed waveguide delivers superb clarity and sound dispersion
- Brushed metal front panel; all-wood cabinet

CR-X
CR4-X
CR5-X
CR6-X
CR8-X
3" monitor
4" monitor
5" monitor
7" monitor
8" monitor
$199.99 PAIR
$299.99 PAIR
$399.99 PAIR

Renowned Neumann Audio Quality In a Studio Monitor!

The Neumann KH 120 A is a 2-way active studio monitor boasting cutting-edge technology to deliver the most accurate sound reproduction possible. The KH 120 A offers digital I/O and digital delay:

- $2.5" woofers, 1" tweeter
- Woofer amplifier continuous (peak) output power: 50W (80W)
- Tweeter amplifier continuous (peak) output power: 50W (80W)
- Elliptically Mathematically Modelled Dispersion (waveguide)
- Custom-tuned rear ports for smooth, even bass extension
- Great for home studios, content creators and more

KH120A
$299.99 PAIR
$399.99 PAIR

For Monitors You Can Count on

New Powerful Desktop Reference Monitor Pair

Perfect for podcasts, project studios and more, the JBL 104 compact, full-range, powered reference monitor feature powerful 4.5-inch low-frequency drivers, coaxial 75-inch soft-dome tweeters, potent 80-watt amplification and innovative acoustic design to provide exceptional imaging, neutral frequency response and crisp detail.

- Flat response, enhanced stereo imaging
- 2.5" woofer, 1" tweeter
- Driver continuous output power: 50W (80W)
- Elliptically Mathematically Modelled Dispersion (waveguide)
- Custom-tuned rear ports
- Digital I/O input and balanced I/O output
- Low latency and time of flight delay (KH 120 D)

104-BT
$179.99 PAIR
Sound You Can Trust

Compact, Accurate, Dante Networkable
Fostex 6301 N series powered digital monitors feature a 20 watt class D amplifier matched to a 4-inch full range driver to deliver a big, clear sound. The flat panel design helps avoid inadvertent power-off or level change. The new 6301DT can play back any two channels of Dante network audio signals.

- Magnetically shielded 4” full range speaker
- Various input options (6301 DT offers Dante)
- Built-in 20-watt power amplifier
- Auto Stand-by mode (compliant to EEP directive) for energy saving
- Multi-voltage power handling, detachable power cable
6301TDT Unbalanced 1/4” input, Dante digital input $399.99 EACH
6301TDB Unbalanced 1/4” input $209.99 EACH
6301TRE Electronic balanced XLR input $239.99 EACH
6301TREX Transformer balanced XLR input $239.99 EACH
6301TND Digital AES/EBU input $299.99 EACH

**EX场景描述**

Power Reference Monitors for Challenging Rooms
These HS-Series studio monitors from Yamaha deliver consistently superior sound in the most acoustically challenging spaces. The HS5 boasts a 5” cone woofer and 1” dome tweeter and a 45W LF/45W HF bi-amp system. The HS6 is a 2-way bass-reflex nearfield studio monitor with 6.5” cone woofer and 1” dome tweeter. Its 600W LF plus 300W HF bi-amp system offers high-performance 95W power amplification. The HS8 sports an 8” cone woofer and provides 120 watts of power (75W LF/ 45W HF). The HS10 is an 8” powered subwoofer that handles low frequencies down to 25Hz.

- 2-way bass-reflex bi-amped nearfield studio monitors
- ROOM CONTROL and HIGH TRIM response controls
- XLR and TRS phone jack inputs accept balanced or unbalanced signals
- Low-Resonance Enclosure Design
HS5 5”, 70W $199.99 EACH
HS6 6.5”, 90W $319.99 EACH
HS8 8”, 120W $399.99 EACH
HS10 8”, 150W subwoofer $499.99 EACH

**EX场景描述**

Passive & Powerful Studio Monitors
The passive Control 1 Pro features a professional crossover network coupled with professional drivers making it ideal for near field audio applications. It offers 150 watts power handling capability with a 2.5” woofer and 7.5” tweeter. It delivers up to 175 watts of power handling.

- Speakers wall mount, 18 lb capacity
- Speaker wall mount, 20 lb capacity
- Speaker wall mount for JBL Control
CONTROL 1 PRO CONTROLS
24185 Speaker wall mount, 18 lb capacity $49.99
24185 Speaker wall mount, 20 lb capacity $49.99
24465 Speaker wall mount for JBL Control $59.99

**EX场景描述**

Top-Shelf Power Conditioners
Economical Power Conditioners
Furman Melody X Series power conditioners are the perfect low-cost AC power solution for any rack mount system. Available in three models, each installs on the top slot of your rack and offers eight switched outlets to protect you from any AC enter.
- AC noise filtering to reduce RF and EMI interference
- Powerful spike and surge protection
- Front panel indicator LED

MODEX Conditioner w/ light features $159.00
M002 No lights, no meter $199.00
M001 Conditioner w/ lights and meter $294.00

Furman Classic Series
Furman’s Classic Series of rack mountable power conditioners offers superior protection and performance. Furman’s revolutionary Series Multi Stage Protection, Linear Filtering Technology and Extreme Voltage Shutdown ensure the cleanest power possible.

- Transformer balanced XLR input  List $329.99
- Unbalanced 1/4” input  List $279.99
- Digital AES/EBU input  List $329.99

15-Amp Power Distribution Strip
The Furman PLUGLOCK is a circuit-breaker protected locking outlet strip providing enough wall wart spacing for five bulky transformers. Secure clamping design locks your transformers and conventional plugs in place, ensuring you never get disconnected from your power source.

- PLUGLOCK $69.00

Rock-Solid Outlet Block
This heavy-duty outlet block features rugged metal construction, an unobtrusive black 15-foot cord ideal for stage use, front panel indicator LED, powerful spike and surge protection, AC noise filtering to reduce RF and EMI interference to drastically reduce service calls by remotely rebooting problem components, sending alerts regarding onsite system issues, managing energy use, monitoring network connectivity and much more.
- M8LX 3-outlet conditioner $399.95
- M8DX 8-outlet conditioner $459.95
- M8DX 20-amp, w/ USB charger $489.95
- M4315-PRO 20-amp conditioner List $328.00
- M4000-PRO 20-amp, 20 outlets $230.00
- SM3-PRO 15-amp conditioner $739.95
- PL8C 15-amp, 9 outlets $349.95
- PLPLUSDMC 15-amp, 9 outlets $315.00
- PLPROC 20-amp 20 outlets List $230.00
- M8LX 15-amp, 9 outlets List $349.95
- M8DX 20-amp conditioner List $299.95
- M8DX 15-amp conditioner List $229.95
- M8LX 15-amp conditioner List $299.95
- PD-2015R-NS 15-amp conditioner List $69.00
- PD-1815R-RN 15-amp conditioner $59.99
- PD-915R 15-amp conditioner $49.99
- PD-920R 20-amp conditioner List $349.95
- PD-2020R-NS 20-amp conditioner $328.00

Multiple Outlets in Space Saving Designs
The Middle Atlantic PD-2008R-NS single circuit, 20 Amp rackmount power distribution system features 20 total outlets in a space-saving design. The PD-2015R-NS is a 15-Amp version. The PD-1815R-NS single circuit, 15 Amp model features 18 total outlets and offers 2-stage surge and spike protection with remote notification.

- PD-2008R-NS 20-amp, 20 outlets $207.00
- PD-2015R-NS 15-amp, 15 outlets $174.62
- PD-1815R-NS 15-amp, 18 outlets $174.62
- PD-1510R-NS 15-amp conditioner $295.20
- PD-1415R-NS 15-amp conditioner $295.20
- PD-1315R-NS 15-amp conditioner $295.20
- PD-1215R-NS 15-amp conditioner $295.20

Easy Remote Energy Management
The Panasonic iBLOQ system can be used in integrated electronics systems to drastically reduce service calls by remotely rebooting problem components, sending alerts regarding onsite system issues, managing energy use, monitoring network connectivity and much more.

- M02-ZB 15-amp SmartPlug $149.00
- BB-2111 Ethernet gateway $109.00
- BB-1022 8522 adapter $299.00
- BB-8222 3-outlet conditioner $399.00
- MM90-PBD 8-outlet conditioner $449.00
- MM90-PBD 15-amp conditioner $739.00

Power Monitors for BSW USA
Power Conditioning/UPS Backups

Choose BSW For All Your Rack Accessories

**Universal Half-Rack-Mount Shelf**

This shelf has a universal mounting hole pattern for most 1/2 rack units.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSL Low</td>
<td>$105.00</td>
</tr>
<tr>
<td>SSL</td>
<td>$155.00</td>
</tr>
</tbody>
</table>

**Flanged Blank Panels**

Middle Atlantic makes quality rack equipment and these blank panels are no exception. Choose from 1-, 2-, 3-, and 4-space flanged panels. Money-saving 10-packs of the EB1 and EB2 are a great value! The SB series are textured black coated blank panels.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EB1</td>
<td>$32.40</td>
</tr>
<tr>
<td>EB2</td>
<td>$34.30</td>
</tr>
<tr>
<td>EB3</td>
<td>$17.10</td>
</tr>
<tr>
<td>EB4</td>
<td>$12.60</td>
</tr>
<tr>
<td>EBF1</td>
<td>$9.90</td>
</tr>
<tr>
<td>EBF2</td>
<td>$6.90</td>
</tr>
<tr>
<td>EBF3</td>
<td>$5.90</td>
</tr>
</tbody>
</table>

**Rugged Vent Panels**

Middle Atlantic's VT series vent panels are made from 16-gauge perforated steel and are flanged for extra strength. Available in a range of rack space sizes, they offer a high percentage of open area (68%) and boast a black powder coat finish. The EVT series features flanged steel vent panels with a black finish.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT4</td>
<td>$31.50</td>
</tr>
<tr>
<td>VT3</td>
<td>$22.40</td>
</tr>
<tr>
<td>VT2</td>
<td>$18.00</td>
</tr>
<tr>
<td>VT1</td>
<td>$11.25</td>
</tr>
<tr>
<td>EVT4</td>
<td>$14.25</td>
</tr>
<tr>
<td>EVT3</td>
<td>$11.25</td>
</tr>
<tr>
<td>EVT2</td>
<td>$8.75</td>
</tr>
</tbody>
</table>

**Vented Rack Shelf 4-Pack**

Pack your racks with this 4-pack of Middle Atlantic 2-space utility shelves. They boast welded steel construction, with fully vented bottoms and sides for excellent heat dissipation.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>U2VF 4</td>
<td>$275.40</td>
</tr>
</tbody>
</table>

**Clear PlexiGlass, Keyed Security Covers**

These keyed plexiglass, hinged security covers from Middle Atlantic eliminate tampering while leaving your displays readable, for security and convenience.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSLC4</td>
<td>$90.00</td>
</tr>
<tr>
<td>SSLC2</td>
<td>$77.40</td>
</tr>
</tbody>
</table>

**Rack Screws and Washer Packs**

Choose between one hundred or five hundred 10-32 screws with 10-32 threads. Pre-installed nylon cup washers speed installation while providing a clean, professional appearance.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RW200</td>
<td>$176.40</td>
</tr>
<tr>
<td>RW100</td>
<td>$137.00</td>
</tr>
</tbody>
</table>

**Half-Rack Shelves**

These heavy-duty metal 2-space rack shelf will hold your recording and audio processing equipment. Fits equipment up to 7.16” wide. Also available in pack of 4.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>UVW</td>
<td>$81.90</td>
</tr>
<tr>
<td>UVF</td>
<td>$80.10</td>
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<tr>
<td>UVZ</td>
<td>$75.40</td>
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<tr>
<td>UVF4</td>
<td>$79.00</td>
</tr>
<tr>
<td>UF1</td>
<td>$54.00</td>
</tr>
</tbody>
</table>

**Flangeless Blank Panels**

These flat economical steel blank panels from Middle Atlantic sport a rugged professional appearance. They are available in handy 1- and 2-space packs, either single or in budget-stretching 12-packs.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>U2V1</td>
<td>$69.00</td>
</tr>
<tr>
<td>U2V2</td>
<td>$130.50</td>
</tr>
</tbody>
</table>

**One- and Two-Space Flat Blank Panels**

These flat economical steel blank panels from Middle Atlantic sport a rugged black powder coat finish. They are available in handy 1- and 2-space packs, either single or in budget-stretching 12-packs.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EB2</td>
<td>$36.00</td>
</tr>
<tr>
<td>EB1</td>
<td>$22.50</td>
</tr>
</tbody>
</table>

**Half-Rack Shelves**

These half-rack shelves are made from 16-gauge perforated steel and are flanged for extra strength. Available in a range of rack space sizes, they offer a high percentage of open area (68%) and boast a black powder coat finish. The EVT series features flanged steel vent panels with a black finish.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVT4</td>
<td>$14.25</td>
</tr>
<tr>
<td>EVT3</td>
<td>$11.25</td>
</tr>
</tbody>
</table>

**Touch Screen LCD UPS Management**

The Staco UniStar Smart Business (SB Series) Touch Screen LCD UPS Management offers comprehensive power protection in a compact affordable package. Besides to protecting against surges and spikes, it also provides pure voltage to the connected load. Advanced features include a hot swappable battery, powerful internal charger, emergency shut-down and more. The convertible tower design offers maximum flexibility, enabling UPS integration into a wide variety of environments.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB-07501</td>
<td>$9.30</td>
</tr>
</tbody>
</table>
Rugged Racks and More from Lowell

**Flexible Wall Shelf**
An FS Series steel wall shelf folds flat for efficient storage, then unfolds to the service position for quick installation. It will mount with the equipment platform up or down.

**Flexible Wall Shelf**
An FS Series steel wall shelf folds flat for efficient storage, then unfolds to the service position for quick installation. It will mount with the equipment platform up or down.

**US-214**
2U, 19" width

**US-214**
3U, 19" width

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**Perfect for Any Size Rack**

**Versatile Hold Wall Racks**
The VR Series features versatile wall racks that can hold a piece of equipment vertically or horizontally. Offering 200 lb. holding capacity and two rear rows of cable management, they can also mount to a desk.

**Handy Volume Control Panel**
The LVC8-ID-2 rackmount panel is punched to mount up to eight volume controls and features a rear lacing flange for wire management. It comes with hardware and black plugs for unused positions.

**Rackmount Utility Drawers**
UDE-314 rackmount utility drawers offer an integral handle, rear bushing and a load capacity of up to 50 pounds. They boast rugged 16-gauge steel construction for long life.

**Rackmount Drawers**
UDE-214 2U, 19" width

**Rackmount Drawers**
UDE-214 3U, 19" width

**Rackmount Drawers**
UDE-314 4U, 19" width

**Great for Large-Scale Multi-Bay Installations**
The [Middle Atlantic BWR series](https://www.middleatlantic.com) offers a narrow design for large-scale multi-bay installations, with wider rack rails for more usable room. Available in four outside depths (23”, 23 1/2”, 31 1/2”, and 42”) and in 24, 37, 44 and 48 space sizes, the racks in this series feature a slim 22” OD width, fully welded construction with open sides and key-taxed solid rear doors.

**Audio, Power & Rack Solutions**

**Power panel and Power Strip**
The ACR-159-S is a 1U rackmount power panel featuring nine switched 12A NEMA outlets and surge suppression. The 50-watt ACR-159 power panel minimizes AC noise and features an 11A NEMA outlet as well as robust surge suppression.

**Power Strip**

**LPR-2122**
Portable rack

**LPR-2122**
Power strip

**LPR-2122**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**ACR-159-S**
Power panel

**ACR-159-S**
Power strip

**ACR-159-S**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR Series**

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR-2**
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**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR Series**

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR Series**

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR Series**

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR Series**

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**VR-2**
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**VR Series**

**VR-2**
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4U (vertical) List $469.00

**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**VR Series**

**VR-2**
2U (vertical) List $240.90

**VR-2**
4U (vertical) List $469.00

**VR-2**
*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
Wheatstone’s QuickLine Modular Studio Furniture

QuickLine studio furniture delivers Wheatstone ergonomics and comfort in modular, quick-ship configurations for real flexibility with easy setup. Choose from 32 functional configurations using only five modular components. Call or visit BSWUSA.com for more information and complete specs.

### New Modular, Quick-ship Configurations

**1. Below counter rack**
- 2 Position Guest-Wing
- 3 Below counter racks
- 3 Below counter racks

**2. Below counter racks**
- 3 Below counter racks
- 4 Position Guest-Wing

**3. Below counter racks**
- 2 Position Guest-Wing

**4. Below counter racks**
- 3 Below counter racks
- 4 Position Guest-Wing

### Functional, Flexible Furniture

**Time-Tested Quality from Graham Studios**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1L-REP</td>
<td>Curve radius unbalanced L sit down</td>
<td>$7,380.00</td>
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<tr>
<td>1L-REP-36</td>
<td>Curve radius unbalanced L w/legs, left-handed stand-up</td>
<td>$11,850.00</td>
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<td>1R-MOD</td>
<td>Wood trim unbalanced U sit down</td>
<td>$11,260.00</td>
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<td>1R-MOD-36</td>
<td>Wood trim unbalanced U sit down</td>
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<tr>
<td>1R-REP</td>
<td>Radius curve unbalanced U sit down</td>
<td>$12,280.00</td>
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<tr>
<td>1R-REP-36</td>
<td>Radius curve unbalanced U sit down</td>
<td>$12,280.00</td>
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<tr>
<td>3L-MC-36</td>
<td>Custom desk for WEMX Production Studio</td>
<td>$14,000.00</td>
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<td>3L-80</td>
<td>Radios w/ 2 cabinets, sit down</td>
<td>$11,440.00</td>
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<td>3L-80-36</td>
<td>Radios w/ 2 cabinets, stand up</td>
<td>$12,280.00</td>
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<td>3L-RP8-36</td>
<td>Radius RP curve – 36” stand up</td>
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<td>3R-RPC-36</td>
<td>Radius RP curve short L sit down</td>
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<tr>
<td>4L-RPC</td>
<td>Radius RP desk w/ 2 cabinets, stand up</td>
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<td>5L-36</td>
<td>Radius desk w/ 1 cabinet, right-handed, sit-down</td>
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<td>5R-36</td>
<td>Radius desk – 36” stand up</td>
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<tr>
<td>5R-RPC-36</td>
<td>Radius RP curve short L sit down</td>
<td>$13,230.00</td>
</tr>
<tr>
<td>EQ-PDR</td>
<td>Equipment rack pod / Radius XP 12RU</td>
<td>$625.00</td>
</tr>
<tr>
<td>EQ-PDM</td>
<td>Equipment rack pod / Modulux 12RU</td>
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</tbody>
</table>

### High Quality, Customizable Studio Furniture

The Omnirax Phoenix Line of radio studio furniture offers three base models targeted for Air, Production and Talk studios.

- Models available in Sit-Down (29.5” countertop height) and Stand-Up (36” countertop height) and in left and right-handed configurations
- Numerous add-ons and/or modifications available to customize each base model
- Superior quality high pressure laminate with durable molded edge treatments

**Product Lineup**

- **PHX-11-8-S-R** - Air studio sit-down, right handed
- **PHX-11-8-R** - Air studio sit-down, right handed
- **PHX-15-5-S-R** - Talk studio sit-down, left handed
- **PHX-15-5-R** - Talk studio sit-down, left handed

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.
Audio players keep getting more versatile and portable. Recorders keep getting more indispensable. Check out the latest models (and some time-tested favorites) here.

**Advanced Recorder/Players**

TASCAM’s SS-R250N is a networkable solid-state recorder/player with a variety of remote control options for professional applications. It records in WAV and MP3 format to SD/SDHC/SDXC and USB flash memory. The SS-CDR250N adds CD recording/playback capabilities via a dot-loading drive.

- Recording and playback of high-resolution files up to 96 kHz / 24-bit
- FTP client function enables automatic uploading of recorded files or downloading audio files from the server
- Event lists for recording, playback, download and more; automatic operation based on set time
- IoT/Android control app for transportation and remote control of various settings

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<thead>
<tr>
<th>Model</th>
<th>Features</th>
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<tbody>
<tr>
<td>SS-R250N</td>
<td>Solid state recorder with networking and dual SD card</td>
<td>$999.99</td>
</tr>
<tr>
<td>SS-CDR250N</td>
<td>Solid state recorder with networking and dual SD/CDR</td>
<td>$1,099.99</td>
</tr>
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</table>

**Balanced XLR and Digital Outputs**

The TASCAM CD-500B is a dot-loading CD player offering balanced outputs and a state-of-the-art transport featuring brushless motors and an edge-grabbing mechanism to prevent disc damage. A front-panel 10-key pad gives you instant access to CD tracks, and flash start is available for instant playback. It supports MP3 and WAV file playback from CD-ROM as well as traditional audio CDs.

- Balanced analog XLR and RCA unbalanced outputs
- Optical, coaxial S/PDIF and AES/EBU digital outputs
- All, single, random, A/B and 99-track program play
- Wireless remote controller included

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<thead>
<tr>
<th>Model</th>
<th>Features</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>CD-500B</td>
<td>Balanced XLR and digital outputs</td>
<td>$529.99</td>
</tr>
</tbody>
</table>

**Pro CD Recorder with Advanced Playback**

The TASCAM CRW900MKII professional CD recorder boasts an advanced TEAC tray-loading transport to deliver years of reliable operation.

- High-reliability proprietary TEAC tray drive
- CD drive supports playback of CD-DA and Data CD
- 24-bit AD/DA conversion
- Repeat playback function (continuous, single, program, random, A-B)
- Fade-in/Fade-out playback (0.5 to 30 seconds, 1 seconds increments)
- Digital volume for adjusting recording level, independent input level controls
- RCA analog I/O, coaxial and optical digital I/O

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<thead>
<tr>
<th>Model</th>
<th>Features</th>
<th>Price</th>
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<tbody>
<tr>
<td>CRW900-MKII</td>
<td>Solid state recorder with networking and dual SD/CDR</td>
<td>$299.99</td>
</tr>
</tbody>
</table>

**Ultra-Versatile Blu-Ray/Media Player**

Denon Professional’s DN-500BDMKII compact 1RU Blu-ray disc and media player handles all popular optical and audio CD playback formats. For even more versatility, its front-loading SD and USB ports deliver access to videos, audio and picture files. Its wide range of connection and control capabilities include RS-232C and IP connectivity and XLR-balanced audio outputs. It also sports 7.1-channel analog audio outputs for easy connection to powered speakers or signal management devices.

- Plays Blu-ray, DVD, and files from SD/USB media
- Supports most Blu-ray, DVD, Audio Disc, SD/USB-supported videos, audio and picture file formats and USB/SD media system
- Discrete 7.1-channel analog audio output
- XLR-balanced audio output
- RS-232C and IP control capability

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DN-500BDMKII</td>
<td>Balanced I/O</td>
<td>$399.00</td>
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</tbody>
</table>

**Thoroughly Modern Cassette Recorder/Player**

Marantz Professional’s PMD-300CP is a dual-well cassette recorder/player that offers two speeds of dubbing, and features a USB output to digitize tape contents to computer for archiving. Two DC servomotors ensure stable, consistent speed for accurate recording and playback. This is the ideal unit to convert your valuable tape collection into digital files. Call, email, or visit BSWUSA.COM for complete specs.

- Dual-well recorder/player
- Cassette dubbing from A to B
- Real-time or high-speed dubbing options
- Digitally back up tapes to computer via USB using tape converter software
- Dynamic Noise Reduction option
- Normal and Cr02 tape supported

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMD-300CP</td>
<td>Dual well cassette player/recorder</td>
<td>$159.00</td>
</tr>
</tbody>
</table>

Be a major player with the finest audio players hand-selected by BSW’s Gear Gurus!

800.426.8434

Jamie Singer,
Senior Sales Representative,
Gear Guru
**Professional Recorders and Players**

**Most Valuable Player**

Denon Professional’s DN-500CB plays CD media and offers Bluetooth connectivity, USB playback and more. It also features an RS-212C port on the rear for convenient control via serial command.

- Bluetooth 3.0 pairing to 6 devices
- Slot-loading CD transport
- USB host port for file playback
- 16 button direct track access
- 3.5mm AUX input for playback from portable players
- Balanced (XLR) and unbalanced ( RCA) outputs

**DN-500CB**  $349.00

**A Media Player That’s Ready For Anything**

The Marantz Professional PMD-526C excels in applications where users bring their own devices to the venue. Besides playing CD media, it also provides Bluetooth connectivity, USB playback, SD card functionality and a 3.5mm AUX input, making it ideal for both advanced individual users and commercial applications.

- Bluetooth 4.0 pairing to up to eight devices
- Slot-loading CD transport
- Playback from SD/SDHC media
- USB host port for file playback

**PMD-526C**  $229.00

**Dante Media Player/Recorder**

Taking its place as Denon Professional’s flagship recording product, the DN-900R Dante/Network SD/USB Recorder is designed to meet the needs of the most demanding installations, combining high-quality audio recording with extensive network capabilities. With a powerful feature set and using the most reliable solid-state recording media, the DN-900R enables AV installation professionals to replace traditional recording devices with superior solid-state hardware in the widest range of applications.

- Dante Media Player/Recorder
- Dante compliant
- 24-bit/96kHz SD/USB recorder
- 2RU rack mountable
- Dante and Network SD/USB Recorder
- Dante audio-over-IP
- USB host port for file playback

**DN-900R**  $699.00

**Dual Cassette Deck with Digital Conversion**

The TASCAm 202mkII dual cassette deck supports recording and playback of normal tapes (Type I) and chrome tapes (Type II), and supports playback for metal tapes (Type IV). Its convenient USB output provides easy digital archiving of your analog tapes.

- Dual cassette deck for playing, dubbing, recording one or two cassettes
- USB output for archiving a cassette to an external digital recorder
- Microphone input with level control can be mixed with cassette
- One and total mix recorded to cassette

**202MKII**  $499.99

**Sanitize and Be Safe**

**Increase with Temperature-Sensing Tablets**

To ensure that individuals entering a location are not running a high temperature, Aurora offers the new TAURI infrared temperature sensor/detector. It provides alerts when a person is running a high temperature within 1 second. The system uses an advanced algorithm for detecting and calculating heat signatures. Based on technology developed in Germany, the highly accurate auto-calibrated sensor measures with a tolerance of +/- 0.3 degrees Celsius (+/- 0.5 degrees Fahrenheit). Available in three sizes, TAURI tablets come with a 3-year warranty.

- Scan distance: 0.5 to 1 meter (approx. 1’8” to 3’3”); scan speed: 1 second
- Accuracy: +/- 0.3°C (+/- 0.5°F)
- Camera reversible 180
- Quad-core 1.8GHz processor
- WiFi and PoE Ethernet (TTS-10 only)

**TTS-10**  Tauri Temperature Tablet 10”  List $3,399.00 *  Actual $2,999.99

**TTS-15**  Tauri Temperature Tablet 15.6”  List $3,799.00  Actual $3,499.99

**TTS-21**  Tauri Temperature Tablet 21.5”  List $4,199.00

**WMT-1**  Wall Mount  List $49.00

*Prices too low to advertise. Call BSW for the lowest price 1-800-426-8434.

**Microphone Sanitizer**

Goby Labs Microphone Sanitizer is formulated to clean and disinfect microphones. This easy-to-use spray kills 99.99% of germs that cause odors on microphones and gear—even hands and skin! It is ideal for live sound and karaoke.

**GLS-104-BULK**  List $11.45  Actual $9.99

**GLH-104-BULK**  List $11.45  Actual $9.99

**GLEK-302**  List $34.95  Actual $25.95

*FOR YOUR UP-TO-THE-MINUTE BEST PRICE CALL 800-426-8434!
### High-Quality, No-Nonsense, Budget-Friendly Cable

Connect with your gear (and connect with your audience) with BSW Connect shielded cable. 100% quality-tested, it can replace higher-priced cable from other manufacturers while offering the same or even better performance. Do your listeners and your budget a favor with BSW Connect cables!

- **Dual XLRF-RJ45F** can replace the StudiHub ADAPTXLRF
- **Dual XLRM-RJ45F** can replace the StudiHub ADAPTXLRM
- **Dual TRS-RJ45M-6FT** can replace the StudiHub ADAPTP3M
- **Dual RCA to RJ45M-6FT** can replace the StudiHub ADAPTRJ45M
- **Dual XLRM to RJ45M-6FT** can replace the StudiHub CABLE-XLRM
- **Dual 4SF-BARE** can replace the StudiHub ADAPTRJ45F
- **Dual XLRM-RJ45F-6FT** can replace the StudiHub CABLE-XLRM

### BSW CorePlus Microphone Cables

Mogami’s legendary performance has been the choice of the best studios and touring artists for many years. CorePlus™ features carefully chosen cables and connectors for true Mogami quality, engineered for more price conscious professionals.

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
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<tbody>
<tr>
<td>MCP-XX-50</td>
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<td>MCP-XX-25</td>
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<td>MCP-XX-10</td>
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<tr>
<td>MCP-XX-5</td>
<td>$16.99</td>
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### Pro Co – Excellines

This cable offers superior transient response for a quick, yet natural sound. With genuine Neutrik XLR connectors and ArmorFlex outer jacket, this cable is built for years of rugged use.

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<th>Price</th>
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<tr>
<td>$24.95</td>
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### Pro Co – AmeriQuad

AmeriQuad cables feature true-bi-wire geometry for superior low-noise performance (20 dB of additional noise reduction compared to 2-wire configurations) and deliver crisp, clean, reliable sound.

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<th>Price</th>
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### Mogami CorePlus Microphone Cables

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### BSW CorePlus Cables

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### Mogami CorePlus Microphone Cables

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<td>$329.95</td>
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### Great XLR Cable at a Great Price

StageMASTER cables feature 2-conductor shielded cable and high quality nickel plated XLR connectors. They offer excellent quality for the price and make them an even better deal with our money-saving 5-packs.

- **Quiet and durable 2-conductor shielded cable**
- **Terminated with high-quality, nickel-plated XLR connectors for years of superior performance and maximum value**
- **Hand-built and individually tested to meet performance and quality requirements**
- **1-year limited warranty**
- **Money-saving 5-pack!**

### Mogami CorePlus Microphone Cables

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BSW Carries the Best Brands in the Business

Fender .......................................................................................................................... 184
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The BSW team, captured in a rare moment away from the phones (no small feat). We each enjoy selling broadcast equipment to you! A Win-Win!

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COMREX ACCESS-NX REMOTE CODEC, SEE P. 19!

SAVE UP TO 43% ON PODCAST PACKS!
EXCLUSIVELY WITH BSW

GOING PRO KIT 5
SEE More ON P. 158

BROADCAST NOW PAY LATER!
FINANCING AVAILABLE ON ORDERS OVER $20K!

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