

SHARPE KIMBLE
1991

Broadcast Supply West

CATALOG

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EXPERIENCE COUNTS!

Being good at what you do isn't something that happens by accident. Putting in your time, paying your dues, learning by trial and error... these are the things that build experience, which doesn't happen overnight.

For 18 years Broadcast Supply West has been supplying audio equipment to broadcasters all over the world. As a company, we've learned what it takes to provide excellent, timely service to our customers, to provide them with the most value for their equipment dollars. BSW embraces the emergence of new technologies, while maintaining a realistic view of the workability of existing technologies, with the understanding of how to combine the best of both worlds to your advantage.

Not only have we been supplying equipment as long as anyone in the industry, our sales staff has 125 years of combined experience in broadcasting as station owners, engineers, program directors, and on-air talent. They are well acquainted with the process of putting quality audio on the air and keeping it on the air. So, no matter when you call you can expect personal attention from experienced professionals who can help you decide what equipment best meets your requirements, both technically and economically.

Go with the Experienced Supplier... BSW

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Prices and specifications shown in catalog are subject to change without notice and should be verified prior to ordering. BSW actual selling prices are routinely discounted below manufacturer suggested list prices. Additional discounts may apply depending on size of order or payment terms.

No Minimum Order:

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Actual shipping charges with minimal handling fee will apply to each order.

Terms:

Net 30 days on approved credit
Personal checks up to \$1,000.00 accepted with Telecheck approval.



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BGW



85/200 Stereo Power Amplifiers

BGW amps offer advanced technology and high-efficiency in a compact package. Model 85 offers 35 watts per channel into 8 ohms. Model 200 provides 100 watts per side into 8 ohms in a single rack space unit.

85 Mfg. List \$529.00 Call For BSW Price
200 Mfg. List \$999.00 Call For BSW Price

CROWN



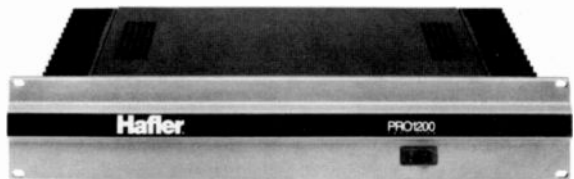
D75/MT600/MT1200 Stereo Power Amplifiers

Broadcasting's most popular amplifier, the D75 features 35 watts per channel RMS with only .05% harmonic distortion and active balanced inputs with XLR connectors.

Micro-Tech™ series amplifiers offer Crown quality and plenty of power. Model 600 delivers 200 watts per channel into 8 ohms and Model 1200 delivers 350 watts per channel into 8 ohms. All amps have a 3 year warranty.

D75 Mfg. List \$549.00 Call For BSW Price
MT600 Mfg. List \$995.00 Call For BSW Price
MT1200 Mfg. List \$1,295.00 Call For BSW Price

HAFLER



PRO SERIES Stereo Power Amplifiers

Hafler amps are famous for providing three important features that professionals demand: fidelity, simplicity, and reliability. Features rear panel level controls, mono-bridge switch, chassis/float ground switch, and true set it and forget it operation.

PRO1200 (60W/Chnl. Into 8Ω) Mfg. List \$500.00
PRO2400 (120W/Chnl. Into 8Ω) Mfg. List \$630.00
PRO5000 (325W/Chnl. Into 8Ω) Mfg. List \$1,200.00
Call For BSW Prices

JBL



SR6600 SERIES Stereo Power Amplifiers

These amplifiers put pro-caliber power amplification into trim, affordable, super lightweight enclosures. Quiet enough for the studio, yet tough enough for remote work.

SR6615 (90W/Chnl. Into 8Ω) Mfg. List \$645.00
SR6630 (190W/Chnl. Into 8Ω) Mfg. List \$895.00
SR6650 (300W/Chnl. Into 8Ω) Mfg. List \$1,195.00
Call For BSW Prices

QSC



SERIES ONE Stereo Power Amplifiers

You get uncompromising performance and unexpected economy with QSC Series One Amps. All models feature turn on/off protection, active balanced inputs, and balanced outputs. Models 1080 and 1100 include front panel headphone jacks.

1080 (35W/Chnl. Into 8Ω) Mfg. List \$538.00
1100 (50W/Chnl. Into 8Ω) Mfg. List \$568.00
1200 (100W/Chnl. Into 8Ω) Mfg. List \$598.00
1400 (200W/Chnl. Into 8Ω) Mfg. List \$798.00
Call For BSW Prices

RAMSA



WP SERIES Stereo Power Amplifiers

Truly great amplifiers are measured by two standards: sonic quality and reliability. The Ramsa 9055 power amplifier achieves excellence on both counts. Balanced and unbalanced inputs, UL listed and an outstanding 5 year warranty.

WP9055 (50W/Chnl. Into 8 Ω) Mfg. List \$540.00
WP9110 (100W/Chnl. Into 8 Ω) Mfg. List \$699.00
WP9220 (200W/Chnl. Into 8 Ω) Mfg. List \$899.00
Call For BSW Prices

ROLLS



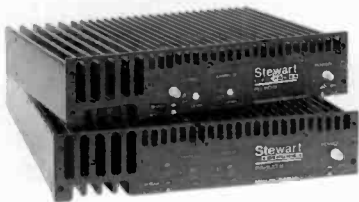
RA2100 Stereo Power Amplifier

When you need an inexpensive monitor amp with plenty of power and performance, choose the Rolls RA2100. Features include: 75 Watts RMS/channel into 8 ohms, turn-on delay protection, LED power output meters, and 25/70 volt line capability.

Mfg. List \$299.95

Call For BSW Price

STEWART



PA SERIES Power Amplifiers

Stewart Electronics makes use of a 100 kHz switching power supply to provide surprising power in a space saving half-rack design. PA Series amps feature thermal protection, tamper resistant screw driver level controls, and are available with 25 or 50 watts per channel. Balanced inputs and outputs.

PA50B Mfg. List \$279.00

Call For BSW Price

PA100B Mfg. List \$359.00

Call For BSW Price

SYMETRIX



A220 Stereo Power Amplifier

High performance, low power stereo amplifier. The A220 will develop better than 20 watts per channel into 8 ohms with full power distortion of less than .02% @ 1 kHz. Typical application includes the powering of headphone distribution boxes and small monitor speakers.

Mfg. List \$349.00

Call For BSW Price

YAMAHA



P2160 Stereo Power Amplifier

The P2160 is a great amplifier value with 80 Watts of power into 8 ohms, balanced operation, and protection from turn-on thumps, overheating, and output shorts, all in a light-weight, 2 rack space chassis.

Mfg. List \$595.00

Call For BSW Price

Choosing An Amplifier For Your Application

A few basic considerations should be examined in purchasing an amplifier to ensure the best value and performance for your money.

First, ask yourself how the amplifier will be used. Will it be powering large monitor speakers in a large studio or powering a reference speaker in a news room? Will it remain in a fixed location or will it be used on remotes? How much use will the amplifier get? etc. Answering these types of questions up front will save you from buying the amp you don't really need.

You will then need to decide what speakers will be used with the power amp. If you will be using existing speakers, determine the load each speaker will show the amplifier (it may be necessary to determine the net load impedance if more than one speaker is assigned to a single output). It is important that the amplifier you choose will handle the load your speaker(s) show it.

Finally, it is important not to overpower or underpower speakers. Underpowering speakers prevents them from producing optimum results and can even cause damage to speaker components. Overpowering speakers can damage them both thermally and mechanically (excess excursion).

The BSW sales staff is well qualified to help you match your requirements with an amplifier that will offer you performance and value.

APHEX



120 Distribution Amplifier

The Model 120 is a high performance audio distribution amplifier with a single high impedance input and four low impedance outputs, all electronically servo-balanced. The sturdy steel chassis may be used stand-alone or rack mounted, singly or in pairs. THD is .002% @ +4 dBm, hum and noise better than 90 dB. 1/2 rack wide.

Mfg. List \$319.00

Call For BSW Price

ATI



DA208/DA416 Distribution Amplifiers

Two or four inputs, each driving four individually adjustable, active balanced outputs gives you twice the channels for the price. Need more outputs? Just parallel inputs for up to 1x16 operation.

DA208 (Dual 1 x 4) Mfg. List \$349.00 Call For BSW Price

DA416 (Quad 1 x 4) Mfg. List \$499.00 Call For BSW Price



PB2X8 Distribution Amplifier/Press Box

Use the PB2X8 as a press box with a pair of summed mikes driving eight transformer isolated outputs or as a conventional line level DA with 3 configurations: 1x4 stereo, 1x8 mono or Dual 1x4 mono.

Features include:

- 2 balanced XLR mic/line inputs • Balanced/Unbalanced outputs with individual level control • VU metering of any input or output
- Balanced TRS loop through input jacks • Calibrated test tone oscillator • 48VDC Phantom power • Front panel headphone jack.

Mfg. List \$1,095.00

Call For BSW Price

Need More Connections?

See Page 56

For Audio Routing Switchers

BGW



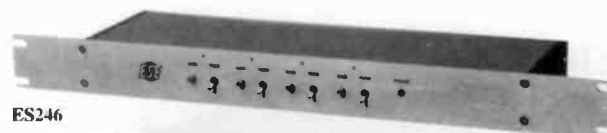
2242 Distribution Amp

The 2242 provides optimum audio quality in a dual 1x4 configuration. Even digital audio can be distributed to multiple destinations without degradation. Each output provides up to +27 dBm drive into 600Ω so very long lines remain stable. Operation is balanced or unbalanced with barrier strip termination.

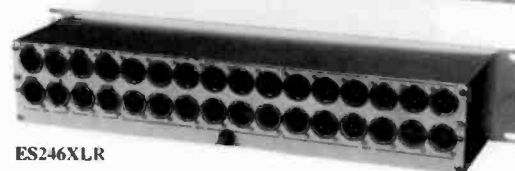
Mfg. List \$799.00

Call For BSW Price

ESE



ES246



ES246XLR

ES246 Distribution Amplifier

Here's a quad 1x6 DA with a difference. The ES246 offers the choice of barrier strip or Optional XLR connections (Unit is 1U rack size with barrier and 2U with XLR). Front panel output adjustment is available for each of the 4 input channels. Features balanced or unbalanced operation with switchable 600Ω or 100kΩ input termination.

ES246 Mfg. List \$395.00

Call For BSW Price

ES246XLR Mfg. List \$595.00

Call For BSW Price

HENRY ENGINEERING



U.S.D.A. Distribution Amplifier

U.S.D.A. ("Utility Summing and Distribution Amplifier") has two inputs (one stereo pair) and four outputs (two stereo pairs), and can be used as a conventional 1x4 or 2x4 distribution amplifier. USDA can also be used to combine a stereo input to a mono output.

Mfg. List \$195.00

Call For BSW Price

GENTNER



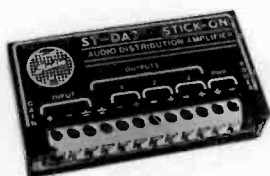
**RDA
Routing Distribution Amplifier**

RDA's unique design gives you uncompromised versatility with eight inputs and 28 outputs. Any input or combination of inputs can be routed to any output via front panel dip switches. The RDA delivers outstanding aural specifications with 98dB of dynamic range, > 90 dB of separation between any channel, and SNR >80dB referenced to +4 out.

Mfg. List \$1,395.00

Call For BSW Price

**RADIO
DESIGN LABS**



**STDA3
Distribution Amplifier**

This compact, "Stick-On"[™] 1x3 DA will fit almost anywhere. The STDA3 allows the bridging of any audio line, adjusting the gain, and driving up to three isolated outputs. Inputs and outputs can be balanced or unbalanced. Power supply included.

Mfg. List \$103.95

Call For BSW Price

SHURE



**FP16
Distribution Amplifier**

Rugged, compact, and lightweight, this 1-input, 6-output distribution amplifier is specially designed for field production and can be powered via internal batteries or an AC adaptor. All 6 outputs, as well as the input, are individually switchable to mic-or-line level.

Mfg. List \$570.00

Call For BSW Price

RADIX



**DA1600
Distribution Amplifier**

DA1600 features 8 stereo or 16 mono outputs with front panel level control and selectable pads to accommodate a wide range of input levels. One of the best things about this DA is the removable, plug-in connectors that allow wiring changes to be made quickly and effortlessly with the DA still in the rack. Specifications: THD: .01% max @ +20 dBm out, SNR 90 dB, output separation: 90dB

Mfg. List \$435.00

Call For BSW Price

**How BSW Adds Value
To Your Purchase**

• *Same Day Shipping*

Place an order before 12 noon Pacific time (3:00 Eastern time) and all stock items will ship that same day or we will pay the freight. Nobody else can respond as quickly as BSW when it comes to getting your order out. Saving time saves you money!

• *Personal Attention*

BSW's sales staff works out of one office and is ready to expertly assist you with the purchase of a single item or equipment for an entire station. Whether you need the assistance of a particular salesman or need to place a last minute order, you can rest assured that you will get prompt, personal attention.

• *After Sale Support*

When the sale is done, BSW isn't. We've been in business for nearly 20 years and we're here to stay. Our liberal return policy, in-house technical expertise, and sterling working relationship with hundreds of manufacturers assures the highest quality service available after you've purchased your equipment.

*We're Always
Working Overtime*

What some suppliers claim as new and innovative, BSW has been doing for years. Staying open 12 hours a day, Monday through Friday to be available when you really need us.

We Keep America's Hours

9:00AM to 9:00PM Eastern

6:00AM to 6:00PM Pacific

CRL

FM System



AM System



AM/FM AUDIO Processing Systems

CRL FM and AM modular processing can be purchased as systems or as individual components.

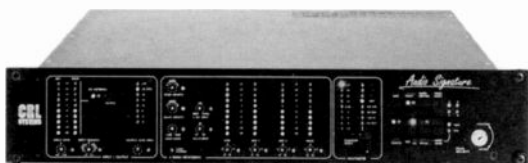
Both AM and FM systems are comprised of combinations of three basic units:

- Multiband AGC with noise reduction (SGC800 stereo, AGC400 mono)
- Multiband compressor/limiter/EQ (SEC800 stereo, SEC400 mono)
- Final peak limiter (SMP850 stereo FM, PMC450 mono, SMP950A stereo AM).

In addition CRL offers the SG800A Stereo Generator for FM applications.

Ask a BSW representative to help you configure the system that best fits your technical and financial requirements.

Pricing Based On Configuration



AUDIO SIGNATURE FM/AM Stereo Processor

Audio Signature provides wideband and four band processing in one package. CRL's Digital Control system offers the power of digital control in a user friendly, easy to operate format. Features: Digitally processed user controls • Separate wideband and multiband control • User adjustable multiband crossovers • Real time analysis output monitoring • 8 position audio diagnostic metering • 4 memory recall sound settings • PC and automation remote control capability

Mfg. List \$5,995.00

Call For BSW Price

CRL



MBL100 News/Talk/Sports Processor

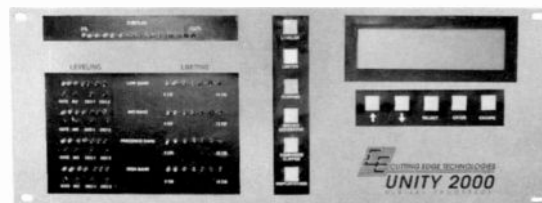
The MBL100 is designed to increase loudness and coverage area of AM monaural news/talk/sports formats by combining powerful audio processing topology, and 7.5 kHz audio low-pass filtering.

Features: Input band-pass filtering • NRSC compatible filtering • Remote control operation • Dual band AGC/compressor

Mfg. List \$3,695.00

Call For BSW Price

CUTTING EDGE



UNITY 2000 Digital Processor

Finally, a complete digital processor that delivers every function in today's audio chain in one chassis!

The Unity 2000 includes the following:

- Selectable low frequency equalizer
- Digital 4 band leveller/processor (feed forward RMS circuitry)
- Digital 4 band limiter (feed forward, multiple time constants)
- Clipper Drive
- Digital stereo generator (better than 50 dB of separation)
- Selectable composite clipper

Both the Preprocessor and the limiter include the revolutionary "intelligent time constant controller" that actually learns the music and adjusts attack and release time accordingly, and in real time. Feed forward technology provides a constant processing ratio giving the user a "sweet spot" at any level of processing. Other features include programmable and saveable settings, adjustable time constants and cross over frequencies, an RS232 port for remote access, and a port for ancillary devices.

Mfg. List \$7,995.00

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Without The Wait**
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GENTNER



Gentner's Prizm, Lazer, and Optical Encoder together make up a totally digital audio processing system that provides everything you need for your on-air chain.

Prizm: A 4-band completely digital audio processor gives you total modulation control. Each audio band is phase linear and distortion free so you can increase power without sacrificing audio clarity and stay within your legal limits. Choose from 8 pre-set format settings or create your own custom settings.

Lazer: A 100% digital FM limiter/stereo generator with stereo separation greater than 65 dB and virtually no noise or RF interference. Total digital manipulation allows for consistent, precise audio without the need for periodic adjustments.

Optical Encoder: Provides analog to digital conversion for both Lazer and Prizm. Only one unit is required when using Lazer and Prizm together as a complete system.

LAZER (w/Optical Encoder) Mfg. List \$5,995.00

PRIZM Mfg. List \$4,995.00

LAZER/PRIZM System Mfg. List \$9,995.00

Call For BSW Individual And System Prices



FM AUDIO PRISM II/PRISM II AM Audio Processors

The Audio Prism from Gentner is giving many stations the extra punch and modulation power required to be competitive in today's aggressive markets. The Prism's four-band parallel layout and digital control provide smooth, predictable gain change and full modulation without fatigue. A broadband safety buffer guards against unusually high input levels, and a single density control simultaneously adjusts attack and release times. Set up is easy with a built-in pink noise generator and front panel test points. The Audio Prism is designed to go before a final peak limiter and stereo generator. Two units are required for stereo.

FM AUDIO PRISM II (2 Required For Stereo) Mfg. List \$1,995.00

PRISM II AM (Includes Phase Rotator) Mfg. List \$1,995.00

Call For BSW Price

ORBAN



8200 Digital Audio Processor

The 8200 is a completely digital audio processing system for FM broadcast, fulfilling all of your station's processing needs: automatic gain control, compression, peak modulation control and stereo generation.

Continuing the tradition of louder, cleaner, brighter audio established by the 8100 Series, the 8200 adds even greater high-frequency and peak control for the cleanest, loudest sound possible. By integrating the stereo generator with the audio processing, the 8200 eliminates overshoot problems found in traditional external generators.

The 8200 allows you to choose from several factory presets or adjust and store your own custom presets (up to 32) for instant recall.

Flexible software based processing allows the 8200 to be configured for protection limiting/processing, two-band processing, or five-band processing and is fully expandable to incorporate future software upgrades and processing structures.

Automatic program switching can be programmed into the internal clock to follow format changes throughout the day or night.

The 8200 is easily controlled from the front panel, by using your current transmitter remote control, or an IBM-compatible PC with Optimod-FM's optional software and a standard modem.

8200/U2S Two Band Processor Mfg. List \$7,400.00

8200/U3S Multiband Processor Mfg. List \$9,820.00

Call For BSW Price



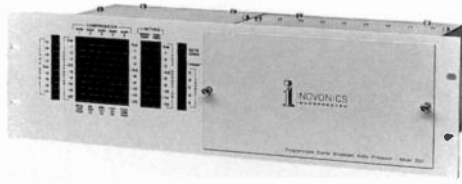
9100B AM Audio Processor

9100A has become a standard for AM analog processing. It contains a wide band AGC, 6-band limiter, safety clipper, and all appropriate filtering for complete processing control. The net result is very high average modulation (loudness), exceptional fidelity, uncanny naturalness, and freedom from processing artifacts, yielding an FM-like sound on all types of receivers. NRSC compliant.

9100B1 (Mono) Mfg. List \$4,550.00 Call For BSW Price

9100B2 (Stereo) Mfg. List \$6,350.00 Call For BSW Price

INOVONICS



250 SERIES AM/FM/TV Audio Processor

Inovonics' 250 is a comprehensive multiband stereo audio processor for demanding applications in AM, FM, or TV. Programmability of the 250 enables the user to adapt processing parameters to suit different station formats or dayparts.

Features:

- Feed forward PWM control • Unique "soft knee" compression
- FM/TV stereo, matrix AM stereo or AM mono • Manual presets or RS232 control

FM/AM (Stereo) Mfg. List \$3,050.00 Call For BSW Price
AM (Mono) Mfg. List \$2,550.00 Call For BSW Price



255-00 FM Audio Processor

Inovonics' 255-00 is a stereo audio processor with principal utility in the "contemporary music" FM broadcasting format. It allows almost unlimited control over program spectral distribution and density through a series of calibrated wide-range adjustments.

Unit includes:

- Gated AGC • Activity detector masks processing artifacts • Gated 3-band Compressor/Limiter • Feedforward PWM control

Mfg. List \$1,990.00 Call For BSW Price

MODULATION SCIENCES



CP803RM Composite Processor

Sharpen your competitive edge by adding the CP803RM to your compressor/limiter/stereo generator to enhance the stereo composite signal. Increase your signal by 6 dB with greater dynamic range without the breathing, pumping or swishing associated with conventional processing.

Mfg. List \$1,495.00 Call For BSW Price

TOLL FREE 800-426-8434

APHEX



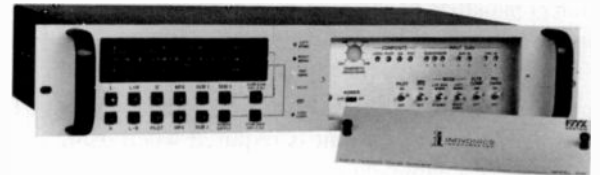
DIGICODER PPDM Stereo Generator

Digicoder provides unequalled sonic transparency of Class-A analog with the separation and stability of digital and maintains maximum loudness. PPD™ (Parallel Path Digital Modulation) circuitry produces a dynamic range better than 110dB. Features include real-time throughput, a zero overshoot lowpass filter, no internal calibration needed, greater than 65dB of separation to 15kHz, selectable pre-emphasis, and full remote control capability.

Mfg. List \$3,995.00

Call For BSW Price

INOVONICS



706-00/705-00 Digital Synthesis FM Stereo Generators

The second generation 706 FM stereo generator offers digital synthesis of composite signal and internal composite clipper with the option of incorporating the FMX™ Transmission System. It interfaces with many audio processing systems and features front-panel metering of internal levels, remote control of mono/stereo functions, and built-in combining for up to 3 SCA or RDS inputs. Stereo separation 70dB typical.

706-00 Mfg. List \$3,120.00

705-00 (Simplified Version Of 706) Mfg. List \$1,375.00

Call For BSW Price

QEI



710 Digital Stereo Generator

QEI's model 710 is a true digital numeric stereo generator contained in a single rackspace unit. Audio specs are superb with noise 90 dB down, THD and IMD distortion .008% typical, and greater stereo separation than current equipment can measure. It provides excellent pilot protection and pilot stability which reduces the effect of multipath in the receiver. Digital control means there's no need for constant realignment and open architecture allows for maximum flexibility of applications. Includes balanced/unbalanced analog inputs and digital input utilizing QEI's Q-Chain format.

Mfg. List \$3,500.00

Call For BSW Price

AUDIO DIGITAL



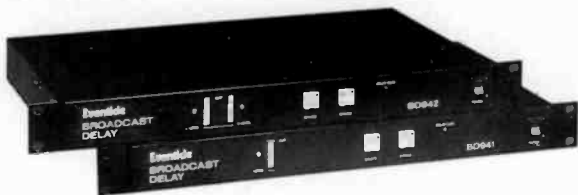
TC4 Broadcast Delay

A state-of-the-art advancement in broadcast profanity delay. 6.8 seconds delay time, 15 kHz bandwidth, and 85 dB dynamic range. Optional card allows memory dump as well as catchup feature.

Mfg. List \$1,820.00

Call For BSW Price

EVENTIDE



BD941/942 Broadcast Delay

Now reliable, efficient obscenity protection is so cost-effective, even radio stations that only program occasional live talk shows can afford it. The mono BD941 is available in 6 and 12 second versions—the stereo BD942 offers 3 or 6 seconds of delay. All versions feature full bandwidth and inaudible distortion.

The Eventide BD941 and BD942 provide a simple and practical "one-button" method for eliminating the risk of on-air obscenities. When a "no-no" is uttered, the talent simply hits the delete button on the front panel, or activates a remote closure. This control simultaneously bypasses the delay line and closes a relay contact. The relay contact can be used to start a cart jingle or other filler message. At the end of the message, the BD941/2 automatically go back on line with full delay protection.

BD941 (Mono, 6 Second Delay) Mfg. List \$1,795.00

BD942 (Stereo, 6 Second Delay) Mfg. List \$2,395.00

Call For BSW Price

INOVONICS



222-00 AM NRSC Processor

222-00 incorporates an adaptive pre-emphasis characteristic to enhance signal intelligibility and presence, and a sharp roll-off to eliminate adjacent channel interference. With a built-in peak limiter, the 222-00 can act as a stand alone processor, or interface with existing processing.

Mfg. List \$620.00

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MODULATION SCIENCES



STEREOMAXX Spatial Enhancer

Almost all air chain processors work to increase loudness. StereoMaxx makes your station sound bigger, not just louder. No matter what kind of radio your listeners tune, once your station adds the energy and excitement of StereoMaxx, other stations sound rather tired and dull by comparison. Works with all on-air audio processing units.

Mfg. List \$2,889.00

Call For BSW Price

ORBAN



222A Spatial Enhancer

The Orban 222A stereo spatial enhancer can augment your station's spatial image the way your audio processor maximizes loudness and brightness.

Highlights:

- Proprietary technique detects and enhances psychoacoustic directional cues
- Front panel controls allow custom tailoring
- No increase in: FM multipath distortion, unnatural reverberation, or sensitivity to vertical tracing distortion
- Full mono compatibility

Mfg. List \$975.00

Call For BSW Price



245F Stereo Synthesizer

The Orban 245F stereo synthesizer has been designed to take any mono signal and create life-like pseudostereo. Unlike many other techniques, the patented Orban stereo synthesis technique causes no change in spectral balance, does not blur the transient definition and adds no audible noise or distortion to the mono original. The stereo output sums back to the original mono for total mono/stereo compatibility.

Mfg. List \$440.00

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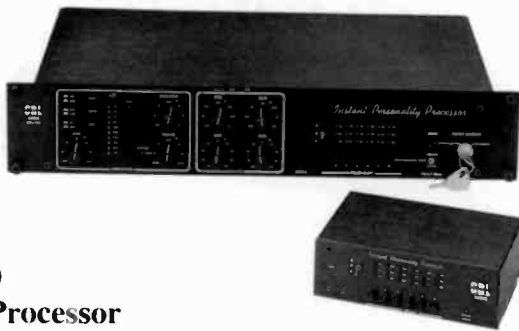
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CRL



IPP100 Voice Processor

Powerful equalization and compression circuitry are combined with an advanced microcontroller to give a wide range of programmable preset characteristics in CRL's IPP100.

Features include: easy to use "analog" controls, selectable mic/line level inputs, two band parametric EQ (constant Q), two band compressor with gating, 18 memory "pre-sets", easy to use "analog" controls, security lock, remote jack for switching of presets.

IPP100 Mfg. List \$1,695.00

IPP100R (Remote Panel) Mfg. List \$395.00

Call For BSW Price

ORBAN



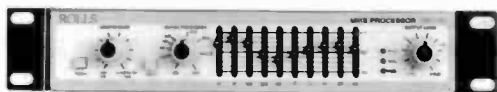
787A Voice Processor

The 787A features three band parametric equalizer, compressor, de-esser, noise gate, compressor gate and optional ducker integrated in a compact, powerful system. Stores up to 99 different control setups in memory for instant recall. Designed for DJ mic processing and voice recording, but versatile enough for many other production uses.

Mfg. List \$1,450.00

Call For BSW Price

ROLLS



HR11C Microphone Processor

The HR11C is the perfect answer for stations needing extremely cost effective mic processing. This half-rack width unit incorporates a mic preamp with phantom power, compressor/limiter, notch filter, 10-band graphic equalizer, and an output control. HR11C is compact, easy to use with surprisingly good specs considering their low cost.

Mfg. List \$225.00

Call For BSW Price

SYMETRIX



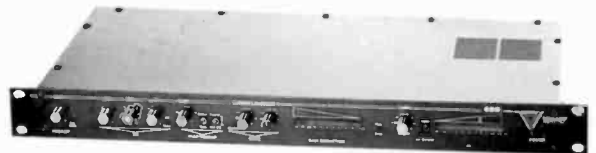
528 Voice Processor

The 528 is a complete, self contained voice processor that performs five separate functions: mic preamp, de-esser, compressor/ limiter, downward expander and parametric equalizer/ notch filter. High density packaging allows all five signal processors to fit comfortably in a single rack space. With the 528 Voice Processor you get all the control you need, without the cost or complications of separate units.

Mfg. List \$679.00

Call For BSW Price

VALLEY INTERNATIONAL



400 Voice Processor

How do you emphasize your on-air personalities' impact? Give them a Model 400 mic processor from Valley International! To begin with, the Model 400 contains a high quality mic preamp, so you can go line level into your console. This is followed by a 3 band EQ section, a compressor/expander, a noise gate, and a de-esser. Controls are easy to use and layout fits in a single rack space unit.

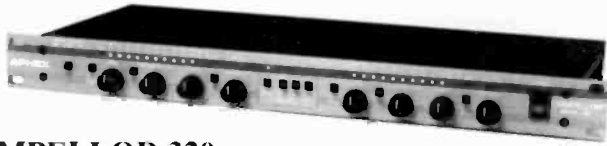
Mfg. List \$679.00

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When the sale is done, BSW isn't. We've been in business for nearly 20 years and we're here to stay. Our liberal return policy, in-house technical expertise, and sterling working relationship with hundreds of manufacturers assures the highest quality service available after you've purchased your equipment.

APHEX



COMPELLOR 320 Compressor/Limiter

The Compellor 320 builds on the success of the Model 300 delivering invisible compression, and levelling simultaneously with selectable peak limiting. In addition 320 offers stereo enhance, 3 modes of stereo/dual mono operation, and comprehensive metering. The Compellor 320 provides complete, automatic dynamic control without any perceptible artifacts.

Mfg. List \$1,350.00

Call For BSW Price



DOMINATOR II Stereo Peak Limiter

Dominator II represents the ultimate in clean and transparent peak limiting. Based on the popular Aphex Dominator, the Dominator II has even better performance with a dynamic range that has been increased by 24 dB to 104 dB and THD distortion of less than .005%.

Mfg. List \$1,350.00

Call For BSW Price



EXPRESSOR Compressor/Limiter

Expressor allows you to take advantage of the controls, with radical or conservative settings, and still maintain unparalleled audio clarity. This is made possible with the exclusive High Frequency Expander (HFX) and Spectral Phase Reflector (SPR). The HFX allows higher ratios without "dullness" and the SPR restores bass clarity and punch without increasing amplitude. Expressor gives you soft or hard knee compression in a single rack space unit with servo balanced inputs and outputs.

Mfg. List \$495.00

Call For BSW Price

***Fax Us Your Bid List
Toll Free
800-231-7055***

ART



MDC2001 Dynamic Processor

For virtually any application requiring compression, limiting, expansion, noise gating, de-essing, signal enhancement, and sibilance correction, this single rack space unit will perform like nothing else available. Each function can be adjusted independently with over 45 LEDs to precisely monitor all functions and level variations. A revolutionary new VCA offers super dynamic range and ultra-low distortion.

Mfg. List \$499.00

Call For BSW Price

DBX



166 Compressor/Limiter

Dual channel comp/limiter featuring noise gating with switchable release rate, hardware bypass, variable over-easy compression, side chain monitoring, and PeakStop® for transparent limiting. Rack mountable; low profile.

Mfg. List \$629.00

Call For BSW Price



160XT Compressor/Limiter

The 160XT delivers outstanding performance and easy to use operational flexibility in a slimline rack mount package. Its metering shows gain reduction of the compressed signal compared with either the input or the output level. Choice of over-easy or hard-knee operation, irrespective of compression ratio. Balanced inputs and outputs.

Mfg. List \$459.00

Call For BSW Price



163X Compressor/Limiter

The 163X was designed for simplicity of use at no sacrifice in sonic quality. A single fader, along with the level-set control, provides the flexible combination of compression and gain at a consistent output level.

Mfg. List \$149.00

Call For BSW Price

ORBAN



424A Dynamic Processor

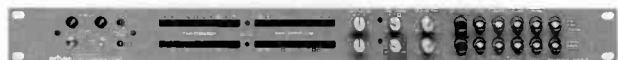
Here is one of the most complete, multi-function, audio processors available for the studio. The dual channel 424A features a compressor, limiter, and de-esser all in one package.

Features:

- Defeatable gate with adjustable threshold • Compressor has adjustable attack and release time • Extensive use of VCA's for low distortion
- Better than 25 dB de-ess gain reduction

Mfg. List \$1,150.00

Call For BSW Price



464A Compressor/Limiter

The Orban 464A is a friendly, automatic "assistant operator" that smoothly and unobtrusively rides gain and limits peaks. The Orban 464A provides an unprecedented combination of versatility, audio quality and ease of use.

Features:

- Transparent gain riding without overshoots • Release time and release shape are adjustable to optimize processing • A defeatable "silence gate" prevents noise rush-up • Two channels in a space saving, rugged, all metal 1 3/4" package

Mfg. List \$1,200.00

Call For BSW Price



412A Compressor/Limiter

The Orban 412A is a basic, cost effective compressor/limiter with remarkably natural sound and extraordinary ease of use. A streamlined, straight-forward front panel offers the most demanded user controls, including attack time, release time, ratio and threshold. This is a no frills unit with all the essentials at a very attractive price.

412A (Single Channel) Mfg. List \$525.00 Call For BSW Price

414A (2 Channel) Mfg. List \$800.00 Call For BSW Price

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Thousands Of Items Available From BSW

RANE



DC24 Dynamic Processor

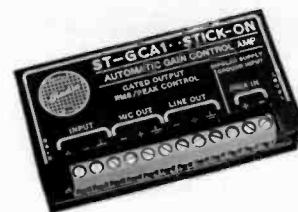
Features:

- Independent stereo limiter, compressor and expander/gate functions
- Separate threshold and ratio controls for each operation • Built-in 24 dB/octave crossover • Gain reduction meters, threshold, signal and overload LED indicators • Stereo or dual (slave) side chain switch and side chain insert jacks • 3-pin balanced/unbalanced connectors with ground lift switch

Mfg. List \$549.00

Call For BSW Price

RADIO DESIGN LABS



STGCA1/STGCA2 Gain Controlling Amplifier

The STGCA1 is a high performance AGC that offers slow "inaudible" gain reduction. STGCA2 provides fast, automatic gain reduction for tighter dynamic control. Both units feature adjustable level and threshold and can be used anywhere you want to maintain uniform audio levels. The STGCA units are part of the Radio Design Labs family of "stick-on" products and come complete with power supply.

STGCA1 or STGCA2 Mfg. List \$94.95 ea.

Call For BSW Price

SYMETRIX



SX206 Dynamic Processor

The SX206 Multi Dynamics Processor is a single channel device that may be used as a compressor/ limiter, gate, downward expander, ducker, or slave (for stereo operation). A full complement of controls is provided for each operating mode. This inventive blend of control techniques, implemented with a precision low-noise VCA, soft-knee transition, ultra stable feedforward control, and +24 balanced output capability, gives the SX206 its outstanding sonic integrity.

Mfg. List \$329.00

Call For BSW Price

SYMETRIX



501 Compressor/Limiter

Two processor device with variable ratio compressor and an infinity-to-1 peak limiter for the ultimate in compression limiting. Selectable automatic mode significantly reduces overshoot and distortion. Balanced and unbalanced inputs and outputs. Used in broadcasting, music recording, sound reinforcement and tape duplication. Two units required for stereo.

Mfg. List \$349.00

Call For BSW Price



525 Compressor/Limiter

Features:

- A multi-function dynamic range controller designed for exceptional performance and ease of operation
- Two independent channels which may be ganged for stereo operation
- Simultaneous compress/limit and expand/gate action
- Separate compress/limit and expand/gate side-chains are program dependent to make set-up quick and simple
- Balanced inputs and outputs

Mfg. List \$539.00

Call For BSW Price

JBL



7110 Compressor/Limiter

The JBL/UREI 7110 limiter/compressor is built in the tradition that has made UREI limiter/compressors the audio professional's choice world-wide. Incorporating both peak and average gain reduction detectors in a single rack space size, the Model 7110 is equally at home in the small recording studio, the sound contractor's rack, portable sound systems, broadcasting studios or anywhere audio levels need to be automatically controlled. Two units required for stereo.

Mfg. List \$495.00

Call For BSW Price

UREI



LA4 Compressor/Limiter

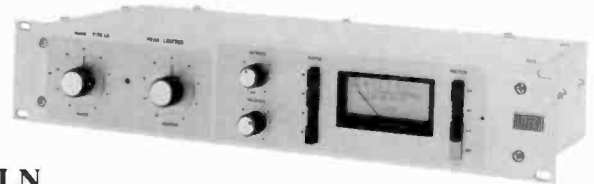
The Urei LA4 compressor limiter gives you smooth, natural sounding compression with selectable compression ratio.

Features:

- Input overload indicator
- Simple stereo coupling
- Space saving 8 1/2" wide
- Two units needed for stereo

Mfg. List \$730.00

Call For BSW Price



1176LN Peak Limiter

The 1176LN is one of the worlds most popular limiters. Pushbutton selection of four compression ratios. Attack time is front panel adjustable from 50 ms to 1.1 seconds. High impedance, balanced, bridging input. Output is transformer balanced.

Mfg. List \$830.00

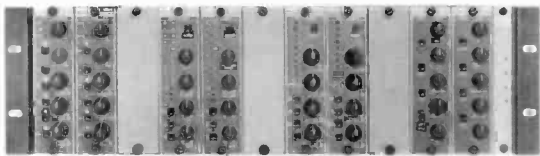
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APHEX

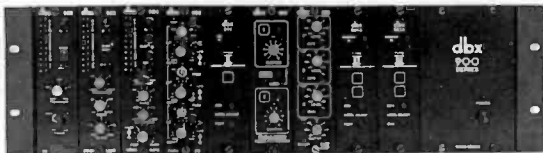


9000 SERIES Modular Processing System

Now the most popular Aphex units are available in mini-modules designed to be used in the 9000 Series modular rack system. Choose from the 9651 Expressor, 9611 Expander/Gate, 9301 Compellor, or 9251 Aural Exciter to configure your own custom processing system. 19" rack holds 11 units and is 3RU high. All modules have servo balanced inputs and outputs.

Prices Range From \$499.00 to \$549.00 Mfg. List
Call For BSW Price

DBX



900 SERIES Signal Processing System

The 900 Series modular signal processing system from dbx packs up to 9 processing modules in a single 3 space rack. Fill it up with your choice of noise reduction, de-essers, compressor/ limiters, noise gates, and parametric equalizers. Get all the details from your BSW sales representative.

Price Based On Configuration

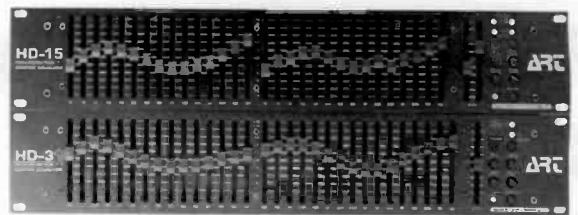
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ART



HD31/HD15 Graphic Equalizer

There's no need to worry about phase shift or sound coloration with the HD series graphic EQs from ART. Constant Q circuitry and the absolute finest electrical components ensure transparent, accurate operation. Both units feature balanced inputs and outputs, 60 mm high resolution faders, signal/clip LEDs, switchable and subsonic/ultra-sonic filters. Choose the single channel 31 band HD31 or two channel 15 band HD15.

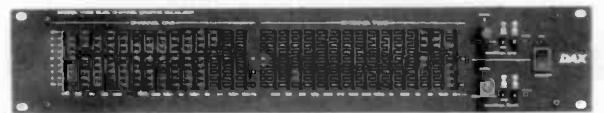
HD31 Mfg. List \$425.00

Call For BSW Price

HD15 Mfg. List \$425.00

Call For BSW Price

DAX



1520 Graphic Equalizer

This dual channel EQ offers 15 bands of control (+12 dB boost or cut) on each channel plus XLR balanced inputs and outputs. Frequency response is 20Hz to 20kHz, +1 dB. THD is < .01% at 1 kHz, 0dB output. SNR is 90 dB at 0 dBV output.

Mfg. List \$349.00

Call For BSW Price

DBX



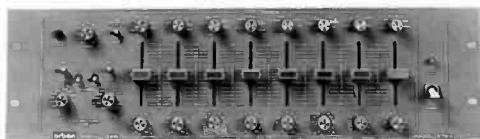
1531X Graphic Equalizer

A rear panel switch converts the 1531X from a single channel 31-band EQ to a dual-15 band EQ...Now that's versatile! Fader throw is selectable for +15 dB or +7.5 dB and a high pass filter is selectable via a front panel switch, with a choice of 3 turnover frequencies (20, 60, or 120 Hz).

Mfg. List \$419.00

Call For BSW Price

ORBAN



672A Equalizer

A cost effective professional quasi-parametric equalizer with the convenience of graphic type EQ controls. Features very low noise and distortion, high slew rate for minimum TIM (SID), front panel gain control with 12 dB gain available, "peak stretching" overload lamp to warn of clipping, active balanced inputs and unbalanced outputs.

Mfg. List \$725.00

Call For BSW Price



642B Parametric Equalizer

Features:

- 4 band, dual channel parametric equalizer. Each section offers overlapping tuning with a 20:1 frequency range + 16 dB boost/ -40 dB cut in each band.
- Bandwidth variable from about 5 to 1/4 octaves: ("Q": 0.29 to 5.0).
- "Constant-Q" design facilitates precise tuning of notches.
- Tunable 18 dB/octave high pass filter and 12 dB/octave Automatic Sliding Besselworth low pass filter provide maximum flexibility while preserving musicality.
- Front panel cascade switch permits use as either a two channel 4 band, or one channel 8 band equalizer.
- Noise and distortion specs significantly better than 16 bit digital.
- Active balanced inputs and outputs with optional output transformer.

Mfg. List \$1,295.00

Call For BSW Price

RANE



MPE SERIES Programmable Equalizers

Whether you employ MIDI control or not, the MPE Series programmable EQs offer you maximum flexibility. Both the MPE14 (2 channel 14 band) and the MPE28 (single channel 28 band) are single rack space and include the following features: 128 memory locations

- Interpolating constant-Q filters
- Full MIDI access
- Balanced/unbalanced input and outputs
- Two-level access security system
- Non-volatile memory

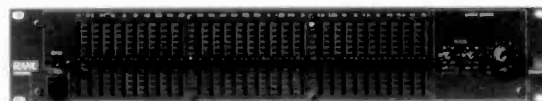
MPE14 Mfg. List \$799.00

Call For BSW Price

MPE28 Mfg. List \$749.00

Call For BSW Price

RANE



GE30 Graphic Equalizer

The Rane GE30 is a 1/3 octave graphic equalizer that incorporates the best design criteria to yield the highest performance levels.

Features:

- Overload indicator
- RFI input filters
- Security cover included
- Switchable active or transformer balanced output
- Switchable between +12dB/-15dB boost/cut mode
- 3 pin and barrier strip inputs and outputs

Mfg. List \$749.00

Call For BSW Price

SYMETRIX



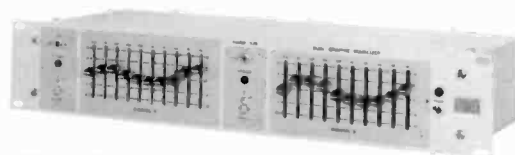
SX201 Parametric Equalizer

The Model SX201 is a high performance studio quality parametric equalizer/ notch filter designed to handle both low level and line level inputs. Three fully parametric bands of equalization are provided, with + 15 dB boost and 30 dB cut capability. Overlapping frequency controls cover the entire audio range, from 16 Hz to 20 kHz. Bandwidth is continuously variable from .05 octave (for deep notch filtering), to 3.3 octaves (for smooth tone shaping). Distinguished by its superb sonic integrity, extremely low noise and low distortion performance, the SX201 delivers uncompromising quality in a remarkably compact 1/2 rack package.

Mfg. List \$279.00

Call For BSW Price

UREI



535 Graphic Equalizer

The 535 dual graphic is a studio quality product which offers 12 dB of boost or cut at each of its 10 frequencies. Filter parameters have been optimized for excellent combining action with minimum phase shift.

Features:

- Two channels in one complete package
- Ten adjustable equalizers on each channel
- Low distortion, low noise
- Balanced inputs and outputs

Mfg. List \$790.00

Call For BSW Price

ART



DRX Effects Processor

This wonder processor features full dynamic processing and special effects and can perform up to 10 audio functions simultaneously with stunning clarity. There are 200 memory locations to store over 60 types of effects including: harmonic exciter, noise gate, programmable EQ, expander, peak limiter, compressor, envelope filter, sampler, pitch transpose, reverb, flange, stereo imaging, chorus, and more.

Mfg. List \$629.00

Call For BSW Price



MULTIVERB ALPHA Effects Processor

With ART's new ASIC 24-bit digital system, the Multiverb Alpha offers more than 50 different effects with 4 times the density of units previously available. Mix and match at random up to 6 different effects at once without any sonic compromise and store your patches in the 200 memory locations. Choose from dazzling reverbs, flanges, choruses, delays and echoes as well as programmable EQ, studio sampling, and over two octaves of pitch transposing.

Mfg. List \$499.00

Call For BSW Price



MULTIVERB LT Effects Processor

This unit features many of the quality effects of the Multiverb III in a cost effective, easy to use package. 192 factory presets are included with some patches using 3 effects simultaneously. Choose from rich combinations of chorus, delays, reverbs, flanges, tape delays, gated reverbs, reverse reverbs, stereo panning effects, and much more.

Mfg. List \$299.00

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Need More Special Effects?

See Page 34
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DIGITECH



DSP256XL Effects Processor

The DSP256XL is a studio-quality, multi-effect digital signal processor housed in a single rack space unit. It makes use of a 20-bit VLSI processor for an incredible selection of effects with 20 Hz to 20 kHz bandwidth and a 90 dB S/N ratio. Up to 4 effects at a time can be combined from the 24 different effect configurations. There are 128 factory presets and 128 user-defineable programs. Features MIDI control and stereo/mono inputs and outputs.

Mfg. List \$439.95

Call For BSW Price

LEXICON



LXP SERIES Effects Processors

The Lexicon LXP series are powerful effects units in a compact 1/2 rack chassis. The LXP5 generates the following types of effects: pitch shift over three octaves, delay sweeps, flanging, reverbs, filtering, and levels. As many as five effects can be used simultaneously. Comes with 64 factory presets and 128 user memories for customized sounds.

LXP1 provides 128 state-of-the-art, time-based effects including several reverbs, delays, choruses, even inverse and gated reverb for a wide range of creative possibilities.

LXP1 Mfg. List \$549.00

Call For BSW Price

LXP5 Mfg. List \$549.00

Call For BSW Price

EVENTIDE



H3000B Effects Processor

This stereo, digital effects unit allows broadcasters the ability to create special effects and character voices quickly, at the push of a button. Sounds like Max Headroom, Cuzzin It, Thundering Helicopters, Blasting Cannons, tremendous storms can be quickly and easily generated. H3000B's built-in stereo audio time compression and expansion makes changing the running time of recorded reel-to-reel and cart tapes a snap.

For even greater flexibility and creative possibility, order the HS322 internal digital sampler option with 23 second mono, or 11 second stereo-sampling.

H3000B Mfg. List \$2,995.00

Call For BSW Price

HS322 Mfg. List \$995.00

Call For BSW Price

YAMAHA



SPX1000 Effects Processor

The SPX1000 is a highly sophisticated, full stereo, digital reverberation and effects system which offers 40 preset effect programs. These include accurate simulations of natural reverberation and early-reflections, delay and echo effects, gated effects, modulation effects, a versatile compressor, a low-level expander, a harmonic exciter, freeze (sampling) programs and others. The SPX1000 also provides up to 5 effects at one time. With a sampling frequency of 44.1 kHz, it delivers full, flat frequency response from 20 Hz to 20 kHz.

Mfg. List \$1,595.00

Call For BSW Price



SPX900 Effects Processor

The SPX900 is a highly sophisticated, mono in by stereo out, digital reverberation and effects system offering 50 preset effect programs. These include stunning simulations of natural reverberation and early-reflections, delay and echo effects, gated effects, modulation effects, a versatile compressor, a harmonic enhancer, a freeze (sampling) program and more. The SPX900 also provides up to 5 effects at one time! Full-function wired remote control is available.

Mfg. List \$895.00

Call For BSW Price



EMP100 Effects Processor

The EMP100 provides a wide selection of professionally-tuned effects that are easier than ever to use-yet surprisingly affordable. 100 factory presets feature reverbs, early reflections, pitch changes, delays, modulations, and several effect combinations. Presets can be modified and stored in 50 user memory locations.

Mfg. List \$345.00

Call For BSW Price

***BSW Has Over 18 Years Of
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Needs Of Broadcasters.
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APHEX



250 Aural Exciter

With new features and improved circuitry the model 250 Aural Exciter is the perfect addition to your audio chain. Spectral Phase Refraction and adjustable harmonics mixing can restore the punch and clarity lost in FM processing and add new life to your AM sound. Two modes of noise reduction allow you to actually erase noise from noisy sources. Servo balanced inputs and outputs and RF filtered power make the 250 a natural in the broadcast setting with I/O levels from -10 to +8 dBm.

Mfg. List \$995.00

Call For BSW Price

BBE



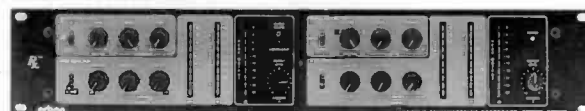
822A Sonic Maximizer

The 822A utilizes phase compensation/equalization circuitry to add significant articulation and definition to otherwise muddy or dull audio. More than just boosting certain frequencies, the 822 compensates for phase distortions induced by amplifiers and speakers to offer a very hearable improvement in recording and monitoring systems. Balanced/unbalanced inputs and outputs.

Mfg. List \$599.00

Call For BSW Price

ORBAN



290RX Adaptive Enhancement Processor

Here is the cure for dull over-processed audio...the 290RX. This two channel problem solver features harmonic and spectral restoration to add sparkle and just the right amount of high frequency content to restore shimmer to a dull signal without introducing IM distortion. Single ended noise reduction with separate downward expansion and bandwidth adjustments zero in on unwanted noise.

Mfg. List \$1,200.00

Call For BSW Price

CRL



DX2 Noise Reduction

The DX2 incorporates patent pending Dynafex™ noise reduction circuitry that provides up to 30 dB of noise reduction without the encode/decode process.

The Dynafex™ system has gained wide popularity in the professional audio market because of its ability to remove noise from virtually any audio source. Unit is two channel.

Mfg. List \$820.00

Call For BSW Price

DBX



140X/150X Noise Reduction

Again and again professionals turn to dbx for quality, dependable noise reduction for all their critical recording needs. These compact, 1/2 rack width units give you two channels of encode/decode noise reduction. The 140X is designed to be used with low band-width audio sources, such as cassette recorders or other audio recorders that operate at 7.5 ips or slower. The 150X is perfect for full bandwidth digital systems or analog recorders operating at 15 ips or faster. Both units feature balanced 1/4" TRS inputs and outputs.

140X Mfg. List \$319.00

Call For BSW Price

150X Mfg. List \$319.00

Call For BSW Price

SYMETRIX



511A Noise Reduction

The Model 511A is a two channel, single-ended noise reduction system configured for use in professional and commercial audio systems. With its dynamic high frequency filter and downward expander, up to 30 dB overall reduction of both high frequency and broadband noise is attainable. The dynamic filter reduces high frequency sounds like hiss, RF artifacts and dimmer noise, while broadband and low frequency phenomena like hum, turntable rumble and air conditioning noise are reduced by the expander. A high performance 18 dB/octave rumble filter is included for optimal treatment of low frequencies.

Independent two channel or true stereo operation is front panel selectable. In stereo, the left and right control circuits are tied together, assuring a stable stereo image. In mono, the channels operate independently, so each may be used with a separate source.

Mfg. List \$599.00

Call For BSW Price

TOLL FREE 800-426-8434

BROADCAST ELECTRONICS



AUDIOVAULT Digital Audio Storage System

Utilizing hard disk digital technology, AudioVAULT is the ultimate record and playback system, providing virtually unlimited storage of, and access to, short duration audio elements.

AudioVAULT features a number of remarkable characteristics and capabilities: Simultaneous record/playback • No searching or cueing - access to stored material is instantaneous • Flexible software allows operation in pre-programmed, automated, and "live-assist" environments • Multiple, independent access to recorded inventory from up to four stereo output channels • Real-world looking operation screens with touch-screen capability • Safe central storage of audio



Pre-Programmed Applications

AudioVAULT is ideally suited to satellite delivered formats with its programmable playlist. Liners and IDs can be pre-loaded in stacks and started on receipt of a contact closure from the satellite decoder. AudioVAULT can send log information to a printer for documentation.

Used in conjunction with BE's Core2000 automation controller, the AudioVAULT can replace all random access and single-play cart equipment to provide all the short duration audio for an entire stand alone automation system.

Live Assist Applications

Up to 4 studios can access audio stored in the AudioVAULT simultaneously for "On-Air" or production use. There are two useful playback screens and a recording screen that allow each CRT to function much like a standard cart machine with all stored audio available at your finger tips for instant access.

AudioVAULT's modular system architecture allows the matching of storage requirements to actual needs: up to 28 hours of stereo audio. Besides the central processor and storage, AudioVAULT uses 386 or 386SX compatible PCs.

Price Based On Configuration

BROADCAST ELECTRONICS



CORE 2000 Program Control System

This PC based system is flexible, providing control for a number of applications including full automation, live assist programming, and satellite formats. It interfaces with a wide variety of sources from conventional reel-to-reels and cart equipment to advanced sources like R-DATs, CD jukeboxes, and the Broadcast Electronics Audio VAULT. The base system handles 12 source inputs and is expandable to 36.

Programming is data base driven (by spot name or song title/artist) and done in plain English so its easy to master.



Key Features And Benefits:

- **Intelligent Source Interfaces**
Microprocessors on each interface allow for complex and customized control of any type of source equipment.
- **Unlimited Event Capacity**
Programming is limited only by hard disk size.
- **Source Sensitive Control**
Ability to control levels and silence sense on each source separately. Stereo VCAs allow event-to-event level control.
- **Logs Stored On Hard Disk**
Regardless of whether a printed log is kept, a disk file is always available for review of system performance.
- **Straight Forward Interface**
Common interface hardware and layout makes for easy set-up.

Price Based On Configuration

BSW



SATFIRE 1 Digital Audio Storage/Automation System

This PC based Automation System is designed for radio stations programming from a satellite network format. All of your commercial spots can be recorded directly onto the systems digital hard disc and played back in any predetermined order to fill the satellite spot breaks. Standard system will record/play up to 120 minutes of audio

A complete schedule of spot breaks, including all commercials, PSAs, liners, IDs and station promos, as well as talent shifts, can be quickly and easily programmed into Satfire 1. Anyone can master this extremely user friendly program without previous computer experience.

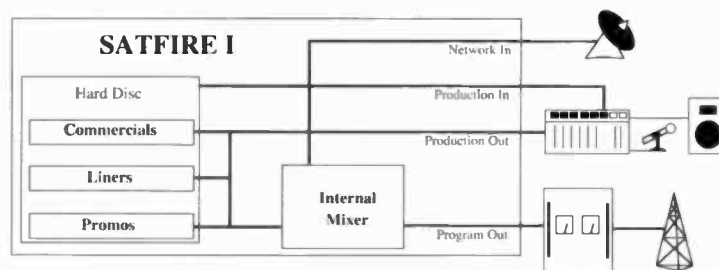
Everything is done for you, perfectly on cue. You don't even have to worry about pulling out-dated spots. Satfire will automatically pull and replace spots as they pass their pull date.

This incredible system can save you money, headaches, and hassle. Call us Toll Free for more information.

Mfg. List \$8,700.00

Call For BSW Price

Functional Block Diagram



Satfire And FlexLease...

The Perfect Match Ask Your BSW Representative How Satfire 1 And FlexLease Work Together To Save You Capital And Make Your Station More Profitable.

Automation - Bulk Erasers

CONEX



CS25B 25Hz Tone Sensor

The Conex CS25B is a compact and reliable bridging-type 25 Hz tone sensor for use in broadcast automation and tape control systems. The unit features two independent sensors so only one unit is needed for two recorders.

CS25B Mfg. List \$417.00

CS25B11 (With Stereo High-Pass Filter) Mfg. List \$502.00

Call For BSW Price



CG25A 25Hz Tone Generator

The CG25A allows you to put 25 Hz tones on your own tapes. Use with automation systems or live assist operations. Timing intervals, tone levels adjustable.

Mfg. List \$420.00

Call For BSW Price

IGM



GO-CART 24 Multiple Cartridge Player

This microprocessor controlled unit provides fast reliable service for full, or partially automated operations.

Features:

- Exceptionally rugged construction
- Microprocessor based design
- Bi-directional search (less than 8 sec.)
- Self-diagnosing error detectors
- Random or sequential modes
- Stereo

Mfg. List \$4,245.00

Call For BSW Price

TOLL FREE 800-426-8434

AUDIOLAB



TD1B Bulk Eraser

Erases cassettes, cartridges and up to 10 1/2" reels. Automatic thermal protection to avoid burn-out. The complete line of Audiolab erasers is available from BSW.

Mfg. List \$132.00

Call For BSW Price

AVSC



409 Bulk Eraser

Completely erases all audio, video, instrumentation tapes and magnetic films. Audio and video cartridges, as well as tapes on reels or in boxes can be efficiently degaussed. Reel sizes up to 16 inches can be accommodated.

Mfg. List \$1,295.00

Call For BSW Price

FIDELIPAC



400 Bulk Eraser

The 400 provides over 2000 Gauss of erasure power. Enclosed in a hardwood case with laminate top, removable pivot point, and non-skid rubber feet, it will efficiently erase cartridges, cassettes, and 1" wide open reel tape.

Mfg. List \$130.00

Call For BSW Price



395 Bulk Eraser

Molded in durable plastic, the 395 Blank-It is rugged, light weight, has thermal protection, with a duty cycle of 5 min. on 15 min. off. Perfect for erasing cartridges and cassettes.

Mfg. List \$75.00

Call For BSW Price

GARNER



Bulk Erasers

It takes just 4 seconds to erase all sizes and types of audio tape with Garner Degaussers. Just hit the power button and drop any reel or cartridge on the endless belt. You now have a clean, "no whump" erasure. Four models to choose from starting at \$990.00.

GENEVA



PF211

Bulk Eraser

It only takes a few seconds to prepare used tapes for like-new performance. The PF211 generates 2300 Gauss field intensity and is perfect for erasing cassettes, carts, and 1/2" wide open reel tapes.

Mfg. List \$69.95

Call For BSW Price

SONAR



MARK I

Bulk Eraser

For audio tape degaussing, the Mark I from Sonar offers outstanding value. For all tape formats from cassettes to carts to open reel, the Mark I is a wise choice.

Mfg. List \$69.00

Call For BSW Price

VP2001

Bulk Eraser

For tough erase jobs, the VP2001 is extremely powerful and will effectively erase up to 1" video tape.

Mfg. List \$190.00

Call For BSW Price



360 SYSTEMS



DCR1000 DIGICART

Digital Cartridge Machine

The DigiCart™ is an advanced digital recorder designed specifically for broadcast use. It operates like conventional cart machines, but with notable improvements. DigiCart™ provides CD quality audio with high reliability and instant access using magnetic disc cartridges and hard disc drives.

Select the cut you want with the cue select knob and hit play. That's how simple DigiCart™ is to operate. But unlike cart machines, there's no more problems with phase alignment, high end roll-off, fouled tape, or missed cues. It's even possible to cue up the next cut while playing the first!

Once cuts are recorded they can be cataloged in stacks and play list for sequence play and logical grouping. Non-destructive editing including head trims, tail trims, fades, and level adjustment, is available for all recorded material.

The basic recorder is standard half-rack size. It includes the drive for the removable magnetic discs and can be fitted with an internal hard drive. Up to 5 more hard drives can be mounted in an external chassis the same size as the recorder.

Approximate Audio Storage Capacity

Times Shown Are For Stereo (Double For Mono)

Compression times shown are with Dolby Compression

	44.1 KHz		32 KHz		22.05 KHz	
	20kHz Bandwidth		15 kHz Bandwidth		10 kHz Bandwidth	
Drives	Linear	Comp.	Linear	Comp.	Linear	Comp.
Bernoulli	4 min.	25min.	5 min.	34 min.	8 min.	50 min.
HD-200	20 min.	121 min.	27 min.	167 min.	40 min.	242 min.
HD-400	41 min.	243 min.	55 min.	334 min.	82 min.	485 min.

DigiCart™ is truly automation ready with 2 EIA-422 serial ports, a BCD automation interface and inputs for start/stop/record control. Playlist can be down-loaded from a computer using the serial interface.

DCR100	Mfg. List \$3,995.00
DAD10 Digital Audio Discs (Pack Of 10)	Mfg. List \$400.00
DAD50 Digital Audio Discs (Pack Of 50)	Mfg. List \$2,000.00
HD200 200 MByte Internal Hard Disk	Mfg. List \$1,595.00
HD400 425 MByte Internal Hard Disk	Mfg. List \$3,295.00
HDS201 Half-Rack External Expansion Unit	Mfg. List \$2,295.00
Includes one HD200 hard disk, power supply and SCSI ports	
HDS401 Half-Rack External Expansion Unit	Mfg. List \$3,995.00
Includes one HD400 hard disk, power supply and SCSI ports.	
Larger Internal Disk Storage May Be Available	

Call For BSW Prices

Cartridge Machines

BROADCAST ELECTRONICS



PT90 SERIES Cartridge Machines

PhaseTrak 90's unique phase correction circuit continually monitors and corrects the phase relationship between the playback audio of the right and left channels regardless of the machine used to produce the original cartridge.

Through its microprocessor-assisted automatic tape analysis system, the Phase Trak 90 will completely evaluate a new tape and "learn" all of the bias, level and EQ settings necessary to obtain optimum performance.

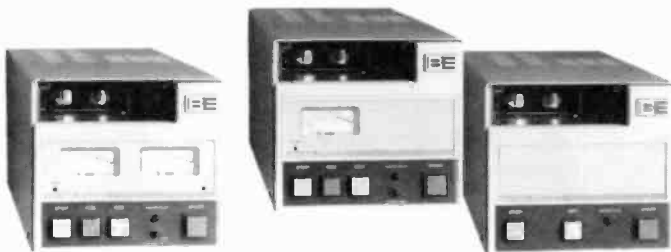
The Phase Trak 90 boasts a signal to noise ratio of better than 80 dB, and its excellent frequency response delivers "audiophile" quality in any application.

The Phase Trak 90 is completely modular for the ultimate in servicing convenience. All modules are easily removed from the back of the cabinet. Test points and adjustments are reached by removing the top cover.

PT90RPS (Record/Play Stereo) Mfg. List \$4,500.00

PT90PS (Play Only Stereo) Mfg. List \$2,750.00

Call For BSW Prices
Mono Models Available



2100C SERIES Cartridge Machines

No other cart machine combines the value and economy of the 2100C's. For example, the Series 2100C's include two cue tones (1 kHz and 150 Hz) as a standard feature. Flat response, long life heads offer superb performance and the direct drive transport ensures maximum reliability. Features include: Exclusive mono/stereo switching, precision machined deck with improved cartridge guidance system, direct drive transport, and low-voltage air damped solenoid.

2100CPS (Stereo Play) Mfg. List \$1,650.00

2100CRPS (Stereo Rec/Play) Mfg. List \$2,550.00

Call For BSW Prices
Mono Models Available

TOLL FREE 800-426-8434

BROADCAST ELECTRONICS



DT90A SERIES Cartridge Machines

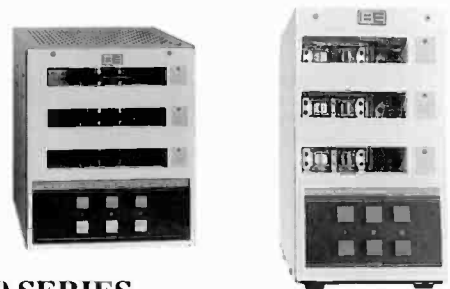
Available in mono and stereo record/play and playback configurations, Dura Trak 90 cart machines offer sparkling audio performance, durability, and all the features broadcasters need most, at an affordable price. Features: Rugged direct drive motor • Three cue tone sensing standard • Fast forward standard • Machined 1/2" thick aluminum deck plate • Cart previously-played lockout • Pressure roller cleaning mode • Balanced inputs and outputs • Front panel 1 kHz record defeat • Low voltage, current regulated solenoid

DT90APS Mfg. List \$1,900.00

Call For BSW Price

DT90ARPS Mfg. List \$2,850.00

Call For BSW Price



5400/5300 SERIES Multi-Deck Cartridge Machines

These machines provide clean sound reproduction and smooth, consistent performance in a 3 deck format. The 5300C and 5400C are similar in features, but the 5300C is wider and can accommodate larger format carts.

Both the 5300 and 5400 series machines feature plug-in decks for quick, easy servicing, quiet, powerful air damped solenoids, and repeat play lockout. Optional recording amplifiers allow for recording on deck three of both models. Three cue tones are standard on the record modules.

Call For Prices And Specifications



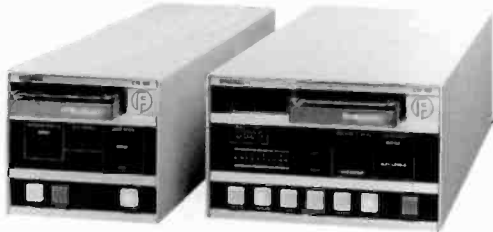
ST90 Eraser/Splice Finder

For fast, reliable erasure and splice detection, you can't beat the ST90 Splice Track. Running at 27.5 ips, it zips through carts providing a minimum of 85 dB of audio erasure. Splice detection is virtually 100% accurate because Splice Track senses the thickness of the splice itself rather than using the less reliable photocell method.

Mfg. List \$1,150.00

Call For BSW Price

FIDELIPAC



CTR100 SERIES Cartridge Machine

The CTR 100 Series embodies unique features not available in any other machine in today's market. Central to the CTR 100 Series is CARTSCAN™. Now it is possible for you to intermix mono and stereo carts, elevated and standard levels, plus matrix record and playback, using the same machine. Simply attach a CARTSCAN label to your carts and the CTR100 automatically changes the characteristics of the machine electronically.

Features:

- Bar graph LED level indicators • Front panel diagnostics • Secondary and tertiary cue tones • Fast forward • Two speed played flashing indicator • Splice finder • Front panel 1 kHz add and defeat • DC servo drive motor • Audio switcher and mixer • On-board test oscillator • Played restart disable

CTR112 (Stereo Play) Mfg. List \$2,880.00

CTR124 (Stereo Rec./Play) Mfg. List \$4,830.00

Call For BSW Price



CTR90 SERIES Cartridge Machines

Dynamax has gained the respect and loyalty of broadcasters worldwide by producing extremely durable and functional machines. Now, the designers of Dynamax have achieved even greater versatility and reliability in the CTR90 Series, providing all of the features and internal options required for modern radio broadcast applications.

Features:

- 3 cue tones • FSK compatible • Advanced programmable internal logic • Status indicators • Real time min./sec. timer • Fast forward • Cleaning mode • Dolby HX Pro® headroom extension • DNR® dynamic noise reduction • Balanced XLR audio connections • Audio switcher for parallel operation • Bi-directional remote interconnects

CTR91 (Mono play) Mfg. List \$1,970.00

CTR92 (Stereo play) Mfg. List \$2,125.00

CTR93 (Mono Rec./Play) Mfg. List \$2,915.00

CTR94 (Stereo Rec./Play) Mfg. List \$3,175.00

Call For BSW Price

FIDELIPAC



CTR10 SERIES Cartridge Machines

The Dynamax CTR 10 Series of cartridge machines provides unsurpassed audio performance and today's most desired features including: Fast forward • Three cue tones standard • High speed cueing • Selectable front panel metering for audio, phase and cue tones on recorders • On board audio switcher and mixer • Transformerless audio circuitry • Played indicator with selectable restart disable

CTR12 (Stereo Play) Mfg. List \$1,935.00

CTR14 (Stereo Rec./Play) Mfg. List \$2,890.00

Call For BSW Price

Mono Models Available



CTR30 SERIES Cartridge Machines

The bottom deck records and plays as a standard feature in this space saving three stack system. All plug in boards are interchangeable with those used in CTR 10 series machines. All decks are removable for service without disabling the machine. Audio switcher and mixer are included to permit connection to single console input. Flashing stop lamps warn operators of played cartridges.

CTR33 (Mono) Mfg. List \$4,750.00 Call For BSW Price

CTR34 (Stereo) Mfg. List \$5,100.00 Call For BSW Price



ESD10 Eraser/Splice Finder

Dual, full track heads are incorporated instead of a coil below the deck plate on the ESD10. The result is an erase depth of 85 dB or more and better signal-to-noise ratio when you record your carts. Splice detection is extremely reliable. Tape speed is 27.5 ips.

Mfg. List \$1,150.00

Call For BSW Price

Cartridge Machines

ITC



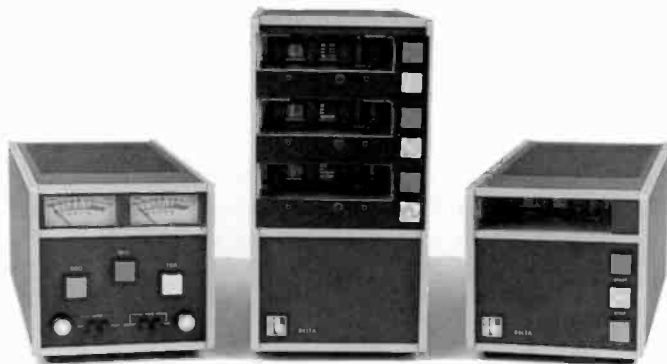
99B SERIES Cartridge Machines

Loaded with features, the 99B Series delights the most discriminating user and listener. Central to the 99B Series is the patented ELSA feature found in the recorder. The ELSA cartridge preparation feature automatically erases the cartridge, locates the splice and azimuth aligns the record head for maximum phase response performance. The 99B Series standard features include: Microprocessor controlled logic, high speed cueing, and three cue tones. Crystal referenced phase lock loop DC brushless servo motor offers precise speed control and low wow and flutter. Plug in P.C. boards have socketed I.C.s with gold edge connectors and microprocessor design virtually eliminates all troublesome relays.

More than just a cartridge machine, the 99B Series from ITC is a complete system for recording and playback.

99B (Stereo Record/Play) Mfg. List \$6,745.00

Call For BSW Price



DELTA SERIES Cartridge Machines

The DELTA Series consistently meets the tough requirements of professionals who demand outstanding audio performance in a reliable, mid-priced mono or stereo cartridge machine. Available as DELTA I single deck or space saving DELTA III triple deck units. DELTA IV recording amplifier converts a DELTA I reproducer or the bottom deck of a DELTA III reproducer into a recorder.

Standard features:

• 3 cue tones • High-speed cue on DELTA I reproducer • Microprocessor controlled logic • Crystal referenced phase lock loop DC brushless servo motor

**Call For Price And Configuration
Prices Start At \$2,325.00 Mfg. List**

TOLL FREE 800-426-8434

ITC



SERIES 1 Cartridge Machines

The newest advances in mechanical and electrical technology have been incorporated in the SERIES 1 to provide premium quality and faultless operation at an affordable price. High speed cue, three cue tones, extra cool operation, and heavy cast aluminum deck are just a few of the features designed into this machine. Available in mono or stereo, record/play or play only, all SERIES 1 machines are individual 1/3 rack width units.

**Call For Price And Configuration
Prices Start At \$1,895.00 Mfg. List**



ESLV Eraser/Splice Finder

The ESLV combines erasing and splice locating in one easy, automatic step, ensuring consistent high quality audio reproduction from cartridge to cartridge. This eliminates the tedious task and inconsistency of manually bulking cartridges and visually locating splices and allows the operator to perform other tasks while the ESLV prepares the carts.

Microprocessor control assures a clean, deep erasure every time, eliminating unwanted program material and noise. Tape speed is 30 ips for splice finding.

Mfg. List \$1,295.00

Call For BSW Price

***Acquire The Equipment You
Need Without Jeopardizing
Your Cash Flow!***

**Ask Us About
FlexLease Financing**

OTARI



CTM10 SERIES Cartridge Machines

The CTM10 Series cartridge machines are designed for broadcast and audio post-production professionals. The microprocessor-controlled CTM10 offers the high performance, outstanding features, and "workhorse" reliability for which Otari products are known.

Outstanding features include: 3 available tape speeds, Dolby HX-Pro™ bias optimization, front panel headphone jack, cue tone recording independent of audio tracks, ±6% vari-speed, and 1/2" precision milled deckplate.

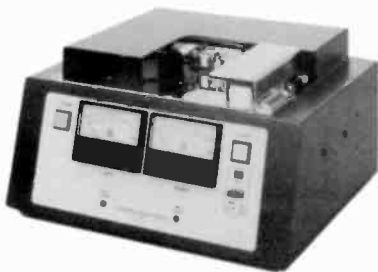
All CTM10 Series units may be rack mounted side-by-side and take only 1/3 width rack space. These machines also feature selectable tape speed (15, 7.5 or 3.5 ips), Dolby HX-Pro bias optimization circuitry, and a wealth of other features.

- CTM10 (Mono/Stereo Play) Mfg. List \$2,195.00
- CTM10M (Mono/Record Play) Mfg. List \$2,445.00
- CTM10S (Stereo/Record Play) Mfg. List \$2,695.00
- CTM10R (Record Electronics) Mfg. List \$1,350.00

Call For BSW Price

CTM10R Required For All Recording Units

TAPECASTER



X701 SERIES Cartridge Machines

Look no further for the best value in cart machines. Tapecaster has long been established for great performance at a pleasing price.

Features:

- Precision adjustable head bracket • Super-torque hysteresis synchronous motor • Heavy duty air-damped solenoid

- X701P (Playback Mono) Mfg. List \$860.00
- X701PS (Playback Stereo) Mfg. List \$1,035.00
- X701RP (Record/Play Mono) Mfg. List \$1,185.00
- X701RPS (Record/Play Stereo) Mfg. List \$1,455.00
- X701RPD (Mono Delay) Mfg. List \$1,350.00

Call For BSW Price

AUDICORD



S SERIES Cartridge Machines

Audicord's premium cartridge machine line, the S Series provides high-end features at realistic prices. Features include:

(Playback) Three cue tones • Hi/Lo playback EQ • Replay lock-out • Automatic motor shut-off for long idle periods • Full cue status lights including un-cued cart indicator • Controls accessible via front panel pull-out drawers • +8 dBm output selectable at 600 or 150 ohm • Extremely rugged deck, headblock, and guides.

(Record) Multi-function meter system with automatic switching from record to play • Hi/Lo record EQ • Bias and tone recording indicators • Record shut-off with end of SEC tone • Record timer • Complete remote control facilities (plugs supplied)

- S11 (Mono Play) Mfg. List \$1,120.00
- S16 (Stereo Play) Mfg. List \$1,210.00
- S21 (Mono Rec/Play) Mfg. List \$1,840.00
- S26 (Stereo Rec/Play) Mfg. List \$2,030.00

Call For BSW Price



DL SERIES Cartridge Machines

Here is durability at the lowest cost. The Audicord DL Series stands up to the daily grind of broadcasting and offers features to make the operator's job easier. Features include:

(Playbacks) Replay lock-out to prevent accidental replay errors • Manual or automatic muting of output audio (from SEC cue operation) • Cue tone status indicator lamps • Both SEC and primary • Mute lamp to indicate audio on or off status • Automatic motor turn-off if selected conserves power and heat

(Record-Plays) Full view meters for accurate level monitoring. • Bias and tone presence indicators • Automatic meter switching from record to replay • Optional recording shutoff with the end of SEC tone • Full +8 dBm output ability with 12 db of headroom • Slide back cover design allows for quick and easy access for cleaning • Complete remote control connections (plugs are furnished)

- DLPM (Playback, Mono) Mfg. List \$920.00
- DLPS (Playback, Stereo) Mfg. List \$1,000.00
- DLRM (Record/Play, Mono) Mfg. List \$1,290.00
- DLRS (Record/Play, Stereo) Mfg. List \$1,480.00

Call For BSW Price

Dual Transport Units Available

BROADCAST DEVICES



APC200 Phase Corrector

It's a fact that stereo phase error drastically affects your mono. The smallest phase error can degrade high frequency performance. Larger phase errors are audible in stereo and can affect your stereo image as well. The Rightrack gives you a quick and easy method of making sure that your existing tape equipment provides phase accurate, superior sound—in mono as well as stereo. Both visual and aural indications of phase performance allow you to provide precise phase correction. It's built-in reference oscillator allows for easy alignment, verification of tape head azimuth and frequency response.

Mfg. List \$695.00

Call For BSW Price

BSW



CARTRIDGE LABELS

These removable labels are affixed to tractor fed backing paper making them suitable for use with printers. Available in six colors (black, red, orange, green, blue, yellow). White logo and low intensity colors allow for maximum printing space and visibility.

Rolls (1000 Labels) BSW Price \$19.95 per roll

FIDELIPAC



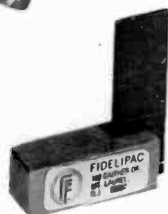
326

326
Height Gauge
BSW Price \$29.40



328

328
Head Insertion Gauge
BSW Price \$7.80



387

387
Right Angle Zenith
BSW Price \$35.30

TOLL FREE 800-426-8434

MEC/NORTRONICS/VIKRON



TAPE HEADS

When your cart machines (or reel-to-reel machines) need replacement heads BSW is the supplier to call. We are proud to carry MEC, Nortronics and Vikron quality replacement heads.

MEC (Maghead Engineering Co.) supplies a number of top cartridge machine manufacturers with the heads for their new machines and builds replacement heads for most common applications.

Nortronics has replacement heads for just about every cartridge and reel-to-reel machine you can name.

Vikron is an approved source for several major broadcast cart machines and has a wide selection of replacement heads.

Prices Vary Upon Application

Call Us With Your Requirements 1-800-426-8434

STL



TEST CARTS

BSW carries the complete line of STL tape products. All you need to do when ordering alignment carts is specify your favorite cart shell and bias preference.

TAPECASTER



X100 Automatic Cartridge Loader

The X100 from TapeCaster provides accurate tape length measurement through precision calibrated minute and second face mounted controls. Operation is easy with the use of a single lever which activates the reset, start, and run functions of the X100.

Mfg. List \$620.00

Call For BSW Price

Lubricated Tape For Carts

AUDIOPAK

FORMULA 17(605) Standard Output

17918100 (1800' Reel) BSW Price \$13.30

17942605 (4200' Hub) BSW Price \$16.25

17984605 (8400' hub) BSW Price \$25.80*

*Sold In Case Lots Only



Q17(613) HOLN

17618613 (1800' Reel) BSW Price \$15.80

ITC

219

High Output/Low Noise

2191425HPB (2500' Hub) BSW Price \$23.50

AUDIOPAK



AA4

Stereo Cartridge

The key feature of the AA4 is the SGS4 broadcast mastering tape which offers nearly 5 dB higher saturation headroom at 16 kHz (71/2 ips) compared to the HOLN Tape in AA-3 cartridges. No bias adjustment is usually necessary when recording on machines optimized for HOLN or other "hot" tapes.

AA3

Stereo Cartridge

Precision molding provides highly accurate tape guidance inside the cartridge for excellent stereo phase stability. Tough, reinforced plastics resist warping and damage due to severe mishandling, thus assuring the phase will not change under any conditions for the life of the cartridge.

AA2

Mono Cartridge

The most popular cartridge on the market for monaural broadcasting. Standard bias tape in the familiar black shell.

ITC



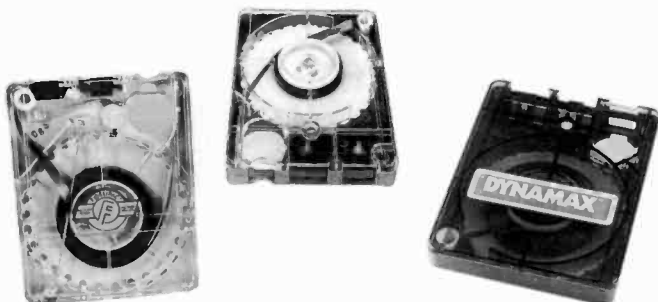
ITC CART II

Stereo Cartridges

The innovative design of this cart combined with its superior mastering tape formulation offer you performance capabilities far beyond what you have come to expect from broadcast cartridges. 1.5 mil tape and unique padless tape path greatly prolong the usable life of the carts, making them a good investment for your cart dollars.

**Call BSW With Your Cart Requirements
We Offer Competitive Prices And Outstanding Delivery**

FIDELIPAC



DYNAMAX COBALT

Stereo Cartridge

The Dynamax cobalt cartridge is rapidly gaining recognition as something special. A new generation cartridge loaded with broadcasting's first cobalt tape. The Dynamax shell is constructed of high grade engineering plastic for more strength, greater heat stability and dimensional accuracy. The new cobalt tape provides extra headroom necessary when carting CD's.

MASTERCART

Stereo Cartridge

The Mastercart provides maximum stereo phase tracking and performance at standard operating levels.

300 SERIES

Mono Cartridge

The widely used grey cart has been the workhorse of the industry since 1962.

**Call For BSW Competitive Prices
And Outstanding Delivery**

Cassette Machines

TASCAM



122MKII Professional Cassette Deck

The 122MKII offers extended durability and reliability features an extremely high standard of audio reproduction quality with a full 3-head system featuring top performance CA (Cobalt Amorphous) record and playback heads. Adding to the strength of this machine are uncompromised electronics, a precision FG-servo direct-drive capstan motor, balanced XLR type inputs and outputs (+ 4 dBm), an accurate cue and review function, and Dolby B/C noise reduction.

Mfg. List \$1,099.00

Call For BSW Price



112/112B Professional Cassette Decks

The 112 is a basic 2-head machine that fully maintains the professional quality performance, stability and reliability of the topline 122MKII. Special care has been taken in the 112 to ensure unfaltering transport reliability, stable circuit operation, low distortion and a wide dynamic range. Dolby HX Pro and Dolby B and C type noise reduction are incorporated. The 112 is available with balanced inputs and outputs.

112 Mfg. List \$679.00

Call For BSW Price

112B Mfg. List \$749.00

Call For BSW Price

YAMAHA



C300 Professional Cassette Deck

Everything about this deck is top notch, from the 12-layer amorphous heads to the dual capstan tape transport, to the fine styling and logical control layout. Features include: Manual or automatic bias setting • dbx, Dolby B and C noise reduction • Wired remote control • Optional wireless remote allows advanced programming functions • Master fader • Dual speed fast forward/rewind • Music search • Zero to cue repeat play • Balanced +4 dBm input and output • Built-in rack ears

Mfg. List \$1,095.00

Call For BSW Price

MARANTZ



PMD222/221/201 Portable Cassette Recorders

Without a doubt, Marantz makes the most popular portable, mono, cassette recorders used in broadcast. The PMD200 Series machines include the following features: 7 1/2 hours of continuous recording on 3 "D" size batteries (AC power supply included), modular telephone jack for direct telephone recording and playback, switchable limiter, built-in electret condenser microphone and monitor speaker. Other features include: Vari-speed, 3-Position mic attenuation, line input and output jacks, cue and review, volume and tone control, and automatic or manual record level.

In addition, the PMD222 features XLR microphone inputs.

The PMD221 is a 3-head design allowing tape monitoring during the recording process. PMD201 is a 2-head model.

PMD222 Mfg. List \$399.00

Call For BSW Price

PMD221 Mfg. List \$369.00

Call For BSW Price

PMD201 Mfg. List \$299.00

Call For BSW Price

Accessories: Carry case, rechargeable battery pack



PMD430/420 Portable Stereo Cassette Recorders

The PMD430 provides professional-caliber location recording in stereo and features 3 heads, for true off-the-tape monitoring during the record process. Noise reduction dbx allows the PMD430 to achieve a totally inaudible signal-to-noise ratio of 75 dB, for clear reproduction of low-level speech and music. Dolby B noise reduction has been included for compatibility with other decks.

Other features include:

- Illuminated VU meters • 3-Digit tape counter • Built-in speaker
- Memory rewind • Bias fine adjustment • Auto shutoff, Auto replay
- 4-Way power supply • Pitch control • 3-Position mic attenuators (0-5-30 db) limiter • 3-Position tape selector (metal, Cr O2, normal)

PMD430 (3-Head) Mfg. List \$599.00 Call For BSW Price

PMD420 (2-Head) Mfg. List \$469.00 Call For BSW Price

Digital Field Recording?

See Pages 47 & 48
For Portable DAT Recorders

SONY



TCD5 PROII Portable Cassette Recorder

The TCD5 PROII is ideally suited to a wide range of professional audio applications. Twin VU meters, LED peak level indicator, built-in monitor speaker, and headphone jack eliminate guess work so you have great recordings. Peak limiter and mic attenuator eliminate clipping and suppress excess signal levels by 20 dB to prevent distortion. Inputs are mic level XLR connectors. Outputs are unbalanced RCA connectors. Powered by 2 "D" size batteries, the TCD5 PROII allows 4.5 hours of recording time. AC power supply available optionally.

Mfg. List \$869.00

Call For BSW Price

PANASONIC



RQL335 Portable Cassette Recorder

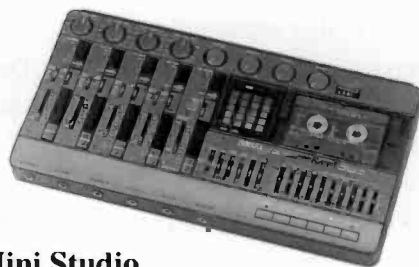
Features:

- AC/ Battery operation • Includes AC adaptor/recharger and Ni-Cad Batteries • Built-in condenser mic with sound level equalizer (SLE)
- Three tape speeds • Auto-stop and pause • LED indicator (record/battery and SLE) • One touch and voice activated recording • Cue and review • Tone control (HI/LO) • Tape counter • Jacks: DC-in, ext. mic, monitor

Mfg. List \$54.95

Call For BSW Price

YAMAHA



MT100II Cassette Mini Studio

Here's a mini production studio you can fit into your briefcase. The MT100II includes a 4-track recorder, 4 channel mixer, extensive patching network, and a graphic EQ all in one compact unit. This is no toy. Features and specs are suitable for professional use.

Mfg. List \$495.00

Call For BSW Price

Consumer cassette decks offer broadcasters a cost effective alternative to professional machines. Even though durability and interface capabilities are limited, consumer machines do offer many advanced features and good audio quality.

The nature of consumer equipment is such that models are frequently updated, even though features and functions may vary little from generation to generation.

Please note that the products listed were current models at the time of printing. Current model numbers, features, and pricing may vary.

TEAC



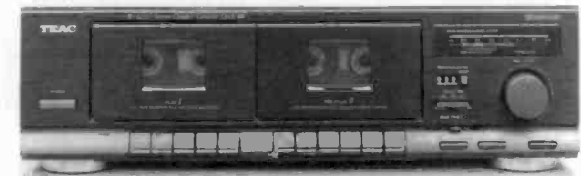
V390CHX Cassette Deck

Features:

- Center mounted transport • Dolby B&C NR • Dolby HX Pro™ headroom extension • 3-position tape selector • Bias fine adjustment
- Hard Permalloy rec/play head

Mfg. List \$139.00

Call For BSW Price



W420C Double Cassette Deck

Features:

- Double deck continuous playback • High/normal speed dubbing
- Dolby B & C NR • Dolby HX Pro™ headroom extension • 3-position tape selector • Bias fine adjustment • Hard Permalloy rec/play head

Mfg. List \$179.00

Call For BSW Price

TECHNICS



RSTR212 Double Cassette Deck

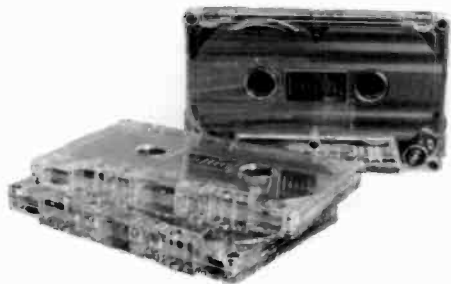
Features:

- Auto reverse (deck 2) • High/normal speed editing • Dolby B&C NR • Cue and review • Full-logic solenoid feather-touch transports
- 18-hour series play • Front panel headphone jack • Timer record/play capability

Mfg. List \$179.95

Call For BSW Price

BSW



Custom Loaded Cassettes

BSW cassettes are custom loaded at our facility. Get the finest quality cassettes without having to pay for middle man mark up and fancy packaging. Standard lengths are 5, 10, 20, 30, 45, 60, and 90 minutes, with custom lengths available for the asking. Three grades of tape are available: Standard voice quality, deluxe music quality (HOLN), and prime quality (high bias chromium compatible) quantity price breaks are available. Minimum quantity is 25 cassettes.

EXAMPLE PRICES

C5S .47 ea. C-10S .49 ea. C60S .64 ea. C60P 1.00 ea.
C5D .62 ea. C-10D .64 ea. C60D .79 ea. C90P 1.17 ea.

CASSETTE BOXES / LABELS

BSW offers two types of cassette boxes: Clear, hard-shell (norelco style) and soft semi-clear (poly-box style). Label your cassettes with BSW cassette labels. White, 12 per sheet.

CLEARBOX BSW Price .14 ea. 100+ .12 ea.
POLYBOX BSW Price .22 ea. 100+ .19 ea.
CASSSHW BSW Price .25 ea. 100+ .21 ea. (Sheet Of 12 Labels)

DISCWASHER



FG1230



FG1450

FG1230

Cassette Head Cleaner

Perfect Path® safely removes tape oxides and contamination from delicate tape heads.

Mfg. List \$4.99

Call For BSW Price

FG1450

Cassette Demagnetizer

D'Mag™ helps restore high frequency content to tapes.

Mfg. List \$19.95

Call For BSW Price

TOLL FREE 800-426-8434

About CDs

CDs have definitely found their place in the radio broadcast industry. Most major music companies now use CDs as their main medium for distributing their music. Yet, CDs and their proper use remain somewhat of a mystery to many.

When you look at a CD there is a label side and a clear plastic side. Program material is recorded on the label side of the disc in tracks of microscopic pits. A thin aluminum mirror covers these pits. Laser light enters the disc from the clear side and reflects off the mirrored pits and returns to a sensor for decoding. Only a molecular layer of laquer (.001" thick) and the printed label protect the delicate mirror and the 4 billion pits that comprise the recorded material on the CD.

CDs are not indestructible, in fact they are actually a fairly fragile medium. If they are handled properly they can maintain their sonic quality indefinitely. Most people handle CDs in a way that protects the clear plastic side with little or no regard for the label side. But as pointed out above the label side is much more susceptible to damage than the clear side, and damage done to the label side is permanent. The clear side should be protected and kept clean because it acts as a window for the recorded information.

Information tracks are recorded in a circular motion in bands around the disc. When cleaning the disc by hand it's important not to rub the disc in a circular motion but rather clean from the center to the outside edge or vice versa (opposite of how you would clean a phono record).

Approximately 2/3 of the recorded information on a CD is error correction information. This allows CDs to maintain sonic integrity even if minor damage occurs them.

Manufacturers address the issue of CD care in different ways. Denon, for instance, builds machines using "CD Cartridges" that encase the CD to protect it from handling damage and particle contamination. Discwasher, Audio Source, Geneva and Trackmate offer products to protect, clean and even repair the surfaces of CDs. See pages 33 and 34 for descriptions of these products.

When you're ready to add CD players to your facility or replace old CD players, give BSW a call. Our salesmen have a thorough understanding of available CD technology, and can suggest the right player and companion products for your situation.

DENON



DN950FA



DN970FA



DN950FA/DN970FA CD Cart Players

CD cart players, pioneered by Denon, are fast becoming the standard for CD playback in the broadcast industry offering the convenience and durability of carts and digital audio quality.

The DN950FA is Denon's basic on-air playback unit. In addition to simple operation and extreme durability, it features instant cueing aided by a select dial, a simple audition function, single or continuous play, a digital display showing remaining or elapsed time in minutes, seconds, and frames, 4-times oversampling, variable output level through XLR connectors, and complete remote accessibility.

The DN970FA goes beyond the DN950FA with advanced features like 3 cue point memory, instantaneous start time, variable speed, digital audio output, track and index search, external synchronization, and more.

DN970FA's unique Auto Track Select is an optional feature that allows the program director to have total or partial control over the cuts to be played on the air. The 970 reads special barcode labels for three levels of control over play: Track Exclusive, Track Priority, and Track Prohibit. All that's needed for this feature to be operable is the optional SO-247 starter kit that includes a plug-in CPU update and a number of code labels.

DN950FA Mfg. List \$1,499.00

SO247 Kit Mfg. List \$199.00

DN970FA Mfg. List \$2,599.00

ACD5B CD Cart Shells Mfg. List \$3.50/ea.

Call For BSW Price



DN400F Dual CD Player

Everything a DJ can do on a turntable can be done on this new dual CD unit from Denon, plus a few things that turntables can't do. Features like scratching, pitch change, beat shift allow for turntable-like operation with the addition of instant start, search and scan, and of course 18 bit digital quality.

Mfg. List \$1,995.00

Call For BSW Price

SONY



CDP2700 Compact Disc Player

Sony's new player provides professional interface and performance at a modest cost. The CDP2700 employs an 18-bit system with 8 times oversampling for superb audio quality. One of its most striking features is its ability to "remember" index code for up to 145 discs allowing it to memorize play mode settings that are recalled each time the disc is inserted. Automatic playback of up to 24 selections in any order is possible. Other features include: Variable speed ($\pm 12\%$), both AES/EBU and unbalanced IEC-958 digital outputs, 8-pin DIN jack for remote control interface, and rack mount adaptors (supplied).

Mfg. List \$1,299.00

Call For BSW Price

TASCAM



CD401 Compact Disc Player

The CD401 is rack mount ready, and has XLR balanced outputs. It also allows fader-start operation, and has a remote control unit that can be used in either the wired or wireless mode. It has a precision 3-beam pickup controlled by a special track and focus system, 18-bit 4-times oversampling, and dual D/A converters.

Mfg. List \$799.00

Call For BSW Price



CD301 Compact Disc Player

With balanced outputs, built-in rack mounting, and a hard-wired 10-key remote control, this unit is a natural in broadcast on-air studios and production rooms. Notable features on the CD301 are the single play option that automatically stops playback at the end of a cut, and a special link function that allows one unit to start another unit for sequence play. Now you can have a professional CD player that's truly affordable.

Mfg. List \$549.00

Call For BSW Price

CD Players

TASCAM



CD701/RC701

CD Player/Remote Control

The CD701 Player and RC701 system features a full-size turntable and unique disc clamping system that virtually eliminate tracking errors, and "ZD Circuitry" for impeccable CD sound with an absolute minimum of digital noise. Up to four CD701 units can be controlled by the sophisticated RC701 Control Unit. The RC701 offers dial-controlled search with frame accuracy, auto cue, event play, link play, +6% pitch control, and more. RC601 offers the same functions as the RC701 but for control of a single unit. RC7 provides basic transport functions.

- CD701 Mfg. List \$2,199.99
- RC701 (Multi Unit Controller) Mfg. List \$1,249.00
- RC601 (Single Unit Controller) Mfg. List \$749.00
- RC7 (Basic Function Controller) Mfg. List \$199.00

Call For BSW Prices

TECHNICS



SLP1300/SLP1200

Compact Disc Players

Technics developed the SLP1300 to serve as a reference CD player for professional and broadcast applications, combining superb audio quality and useful features at an affordable price. The 1300 offers 8 times oversampling, 4 digital-to-analog converters, XLR connectors with +8 dBm output, vari speed, digital output, cue wheel for precise cueing with audio, and cue to music.

The SLP1200 is similar to SLP1300 but with unbalanced outputs and 4 times oversampling.

- SLP1300 Mfg. List \$1,799.95 Call For BSW Price
- SLP1200 Mfg. List \$1,499.95 Call For BSW Price

***With Extensive Inventory
Chances Are
We Have What You Need
In Stock!***

Consumer CD players offer broadcasters a cost effective alternative to professional machines. Even though durability and interface capabilities are limited, consumer machines do offer many advanced features and good audio quality.

The nature of consumer equipment is such that models are frequently updated, even though features and functions may vary little from generation to generation.

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TECHNICS



SLPG300

CD Player

Features:

- Auto cue-to-music • SNR of 100 dB • Digital peak level search
- 30-key wireless remote control • 10-key direct access on front panel and wireless remote • Random access programming • Front panel headphone jack w/volume control • CD editing function
- Built-in shock isolation

Mfg. List \$159.95

Call For BSW Price



SLPG100

CD Player

Features:

- Auto cue-to-music • SNR of 100 dB • Digital peak level search
- Random access programming • CD editing function • Built-in shock isolation

Mfg. List \$139.95

Call For BSW Price

In A Hurry?

Phone Your Order By 12PM Pacific Time
And We'll Deliver To You By 3PM Your Time
The Next Business Day Via FEDEX®
Standard Overnight Service

AUDIO SOURCE

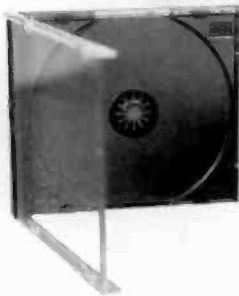


**LLC2
Laser Lens Cleaner**

A dirty laser lens on your CD player can cause skipping or false cueing. The LLC2 cleaner is an easy and effective solution. Just insert into the CD compartment, hit play, and within seconds your CD lens is clean.

BSW Price \$29.95

BSW



**CDBOX
CD Jewel Boxes**

Whether you're replacing broken CD cases or trying to protect the CDs music companies send you in a plastic bag, BSW CD boxes are the perfect solution.

Quantity	1-49	50-99	100-499	500+
BSW Price	.79 ea.	.69 ea.	.59 ea.	.50 ea.



CD Organizers

Color code your CDs with our versatile CD labels. Separate discs by format, day parts, new hits ... whatever. Each label has space for you to write in intro and running times, tempo, type of ending, etc. Choose red, blue, green, and yellow. 84 labels per package.

BSW Price \$7.95 per pkg.

DENON



**CD TEST
Test Disc**

Turn your compact disc player into a powerful test signal generator. This outstanding CD Test Disc from Denon includes 99 audio tests that include frequency sweeps, tone bursts, pink noise, IM distortion, square waves, and more.

BSW Price \$19.95

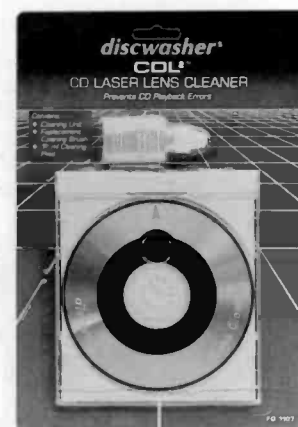
DISCWASHER



**CDC
CD Cleaner**

Discwasher's patented rotary technique safely and effectively removes contaminants from your CDs.

BSW Price \$16.40



**FG1107
CD Lens Cleaner**

Safely removes contaminants from CD player's laser lens with unique wet/dry cleaning action. Kit includes cleaning solution, cleaning disc, and one replacement cleaning pad.

BSW Price \$25.60

DISCWASHER



FG1163 CD Repair Kit

This handy kit can actually remove small scratches and blemishes in the disc. The kit includes fluid, polish, applicators, and polishing wipes.

BSW Price \$11.10

GENEVA



PF425 Disc Wipes

No-nonsense, easy-to-use tissues safely remove dust and fingerprints from CDs. 70 wipes per container.

BSW Price \$7.60

TRACKMATE

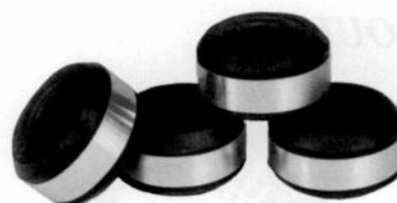


TM301 Disc Shield

The Disc Shield was designed to protect your CDs from permanent damage. The crystal clear, self-clinging shield is easily installed and will stay in place, protecting your discs during normal handling or accidental dropping. Each package includes 10 shields.

BSW Price \$14.95

BSW

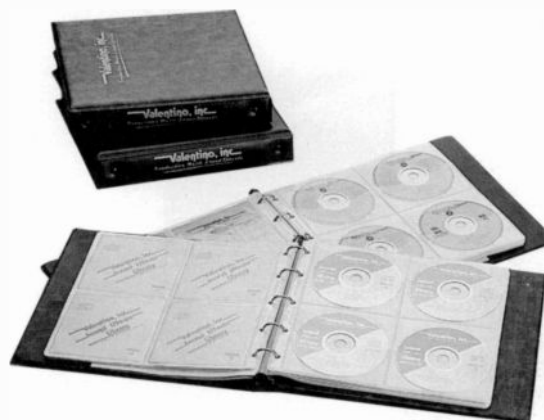


PROBASEPAD Audio Component Isolators

Sims Silencers are component feet made from a unique energy absorption material called NAVCOM™. NAVCOM was specifically engineered to dampen unwanted vibrations throughout the audio spectrum 10 to 30,000 Hz. We've used Silencers in our famous Probases for years. Now you can use them on CD players, amplifiers, turntables, or any other sensitive audio equipment. Four silencers per package.

BSW Price \$59.95

VALENTINO INC.



CD Sound Effects

From the delicate wisps of pages turning in a book to the dynamic roar of a 747 taking off, you'll be amazed at the quality of these digitally recorded and mastered discs.

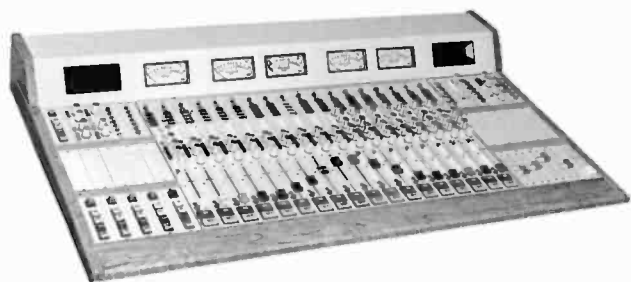
All Valentino sound effects are grouped together by category for convenience and all sound effects are individually tracked on each CD (no sub-indexing) so cuts are easy to locate in any CD player. There are no additional royalty, clearance or license fees required once a library is purchased.

SFXCD (10 Volumes Of Your Choice)	BSW Price \$429.00
SFXDLIB (37 Vol. Library)	BSW Price \$1,200.00
SFXCD8 (8 CDs Based On Analog Recordings)	BSW Price \$155.00
SFXSET (Set Of 30 LPs)	BSW Price \$399.00
BGMCD	BSW Price \$155.00
(2 CD Set Including 198 Commercial Music Beds)	

Don't See It? - Ask Us!

This Catalog Represents Only A Fraction Of The
Thousands Of Items Available From BSW

ARRAKIS



10,000 SERIES Audio Consoles

The 10,000 Series are world class consoles that combine the best features in on-air consoles along with features found on multi-track studio consoles in a single mainframe.

Features include:

- "On-Air", 4-track and 8-track production capability
- Ten main audio busses, two stereo auxiliary busses, stereo cue buss and stereo solo buss
- "Front of the console" access to all bussing connectors via hydraulic assisted, hinged to
- Two stereo auxiliary busses for effects/foldback
- External regulated and protected power supply features independent supplies for audio, logic, monitor and phantom power
- Stereo cue system with autocue switching of earphones
- Monitor system provides feeds for console, host, co-host and guest headphones
- Separate control room and studio monitor systems for multiple studios
- Multistation talkback or intercom systems for multiple studios
- Multifrequency test oscillator
- Independent telephone mix-minus module
- Comprehensive remote control logic for each input

Prices Based On Configuration



12,000 SERIES Audio Consoles

The 12,000 Series console features three mainframe sizes to accommodate up to 28 input modules. Four different input modules are available, each with 2 inputs and 3 stereo outputs. Extensive metering and timer are standard along with Penny and Giles faders, ITT Schadow switches, gold board connectors and solid oak trim.

Features:

- Easy connectorized installation
- Stereo cue system
- VCA controlled faders
- Three stereo output busses
- Universal mainframe buss design
- Comprehensive logic system
- External regulated and protected power supply
- Mic modules available with pan
- Line modules available with mode select
- Monitoring for control room and 2 studios
- Telephone mix-minus buses

Through-table style mainframes and lighted VUs are available as options.

Prices Based On Configuration

ARRAKIS



5,000 SERIES Audio Console

The Arrakis 5000 Series Console is a full featured, modular console accommodating 16 channels plus a channel for accessory modules and a standard control room monitor module. The meter bridge contains a clock, timer and meters for both program and audition stereo outputs. The power supply is external, regulated and protected. The entire modular front panel hinges up to expose the input/output terminal strip connectors. All wiring is performed from the front of the console.

The standard console preamp module features two balanced stereo inputs, program and audition output assignment switches, stereo cue accessed by detent on the Penny and Giles slide fader, and momentary lighted module on and off switches. Remote start/stop, prefader patch points and remote module controls are standard in the 5000. Dimensions are only 30" wide by 17" deep.

Prices Based On Configuration

"Immitation Is The Greatest Form Of Flattery"

- BSW - 10 Years Of 12 Hour Service
- BSW - 18 Years Under One Roof
- BSW - 18 Years Of Toll Free Service
- BSW - First With Same-Day Shipping
- BSW - First With Toll-Free FAX

For Years BSW Has Been
Setting Standards The Competition
Can Only Immitate

ARRAKIS

Arrakis Audio Consoles

Arrakis consoles are exceptionally cost effective without compromising reliability or product features. All Arrakis products are engineered for reliability first. No expense is spared in the use of quality components, like Penny and Giles slide faders and ITT Schadow switches.

SC Turbo Series Consoles

SC series consoles are BSW's most frequently asked for consoles. All consoles feature the following:

- VCA level controls
- DC controlled - no audio pots or switches
- 10 watt per channel monitor amp
- 2 watt cue amp & 2 watt headphone amp
- Solid oak end panels and armrest
- Modular regulated power supply
- Mono mixdown standard
- Telephone mix-minus standard
- Remote start standard (except 150SC)
- 2-YEAR WARRANTY

SPECIFICATIONS FOR ALL CONSOLES

INPUTS: 1 or 2 per channel Remote select switches - 7 inputs each
low level - 1000 ohms, -50 dBm typical input level Trim pot adjustable level from -60 to 30 dBm
high level - 100,000, 0 dBm typical input level 30dB trim adjustable A & B inputs

PROGRAM/AUDITION OUTPUTS: Identical 600 ohms balanced, +27 dBm maximum output. Mono mix and mix-minus busses are the same.

MONITOR AMP: Selectable between Program (Audition) and external inputs. 10 watts at 8 ohms per channel. Line out for external amps.

CUE AMP: Selected by detent on the individual volume pot. 2 watts RMS at 8 ohms per channel.

EARPHONE AMP: Selectable between Program (Audition), Cue and External, 2 watts RMS at 8 ohms per channel.

REMOTE START: Each of the channels has a ground closure for start. Jumpers determine momentary or sustained action. A & B start individually on 2 input per channel models. Remote start not available on the 150SC.

DIMENSIONS: 30"W x 17"D x 7"H.

FREQUENCY RESPONSE: +5dB 20Hz to 20kHz.

HUM AND NOISE:

mic channel: -70dB below +8dBm, -50dBm input, 20kHz.

line channel: 100dB below +18dBm, +18dBm input, 20kHz.

TOTAL HARMONIC DISTORTION: .02% typical at +8dBm.

TOLL FREE 800-426-8434



2100SCT12S

2100SCT12S

12 channel, 34 inputs, program and audition outputs

Mfg. List \$5,995.00

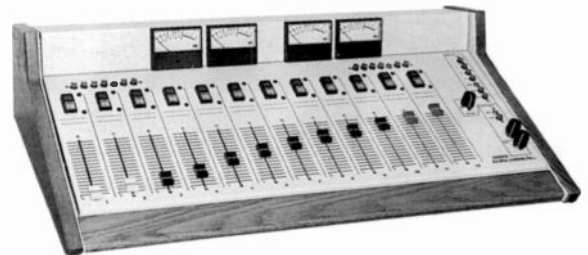
Call For BSW Price

1500SCT8S

same as 2100SC12S, only 8 channels, 28 inputs

Mfg. List \$4,495.00

Call For BSW Price



2000SCT12S

12 channels, 24 inputs, program and audition outputs

Mfg. List \$4,995.00

Call For BSW Price

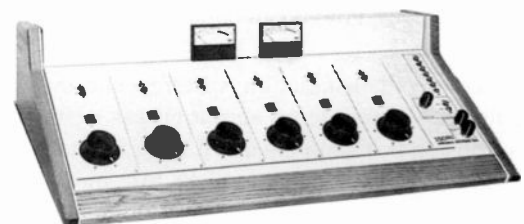


500SCT8S

8 channels, 25 inputs, program and audition outputs

Mfg. List \$3,595.00

Call For BSW Price



150SCT6S

6 channel, 18 inputs, program output

Mfg. List \$2,495.00

Call For BSW Price

AUTOGRAM



**R/TV20
Audio Console**

When you need mixing flexibility, you'll want the R/TV20 from Autogram. 18 slide faders have a single input, the remaining 2 faders have 8 inputs each to allow multiple auxiliary sources. Total of 34 stereo inputs on 20 channels. Standard features include: VCA level control, Penny and Giles linear conductive plastic pots, shadow selector switches, up to eight patchable microphone preamplifiers, and remote control capability. Optional live assist package plugs into the R/TV Series console and offers full remote control plus four live assist programs, each with 32 step capability.

- R/TV20 Mfg. List \$13,385.00**
- R/TV12 (Not Shown) Mfg. List \$11,098.00**
- Live Assist Package Mfg. List \$1,423.00**
- Call For BSW Price**



**IC10A
Audio Console**

The IC10A features high quality step attenuators, 2 inputs per channel with 2 six position remote select switches. Remote start switches, headphone monitor and cue amplifiers standard. 2 stereo outputs with mono mixdown are standard as well.

- IC10A (10 Channel Stereo 28 Inputs) Mfg. List \$9,166.00**
- AC8A (8 Channel Stereo 26 Inputs) Mfg. List \$6,967.00**
- AC6A (6 Channel Stereo 23 Inputs) Mfg. List \$5,604.00**

Call For BSW Price

"A" Models Are Transformerless. Transformer Versions Available

AUTOGRAM

Pacemaker Series Audio Consoles

Pacemaker consoles offer an incredible amount of flexibility without an enormous price tag.

For newsroom operations, you'll want the Pacemaker 648 and the 618. The 648 features 8 inputs per channel (48 inputs total). On the 618 channels 1-5 have dual inputs, channel 6 has 8 inputs. Machine logic controls are standard on both consoles.

For the control room, the Pacemaker 8-channel 828 or 10-channel 1032 offer additional mixing flexibility. The 828 has 28 stereo inputs, the 1032, 32 stereo inputs. Each console has 2 inputs per channel and 2 banks of remote selectors.

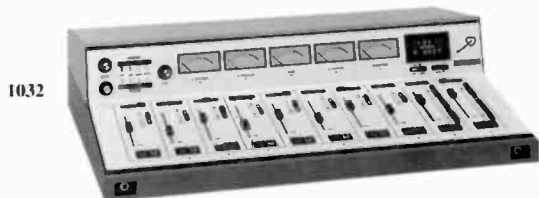
Features:

- VCA level controls
- Optional Autoclock or Autocount
- No audio transformers
- Shadow selector switches
- Electronic switching
- Engraved front panel
- Penny and Giles faders
- Pluggable miniature terminal strips

Outputs: 1 Stereo Program, 1 Mix-Minus, 2 Line Monitor, 1 Stereo Audition, 1 Mono, 2 Headphones, 1 Cue

- 618 Mfg. List \$5,095.00**
- 648 Mfg. List \$6,625.00**
- 828 Mfg. List \$6,115.00**
- 1032 Mfg. List \$7,344.00**

Call For BSW Price



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Without The Wait**

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AUDIOARTS



A50 Audio Console

Clever engineering and the latest advances in electronic assembly give this console high-end features and quality at a truly affordable price. 8, 12, and 18 channel models are available.

Features:

- Any combination of mic and line inputs available
- Two inputs per channel
- Program, audition and telephone outputs
- Remote start switches
- Full function event timer
- Separate control room and studio source selectors
- Full talkback system
- Built-in headphone amplifier
- Built-in cue amp and speaker
- Channel on/off remote controllable
- On-air tally opto-relay
- Plug-in faders and pots
- Fully-enclosed aluminum chassis resists RF
- Six-position line preselector module option
- Digital Clock (18 channel model only)

A50-8 Mfg. List \$4,595.00

Call For BSW Price

A50-12 Mfg. List \$6,695.00

Call For BSW Price

A50-18 Mfg. List \$9,095.00

Call For BSW Price

AUDITRONICS



210 SERIES Audio Consoles

210 Series consoles are available in four mainframe sizes (6, 12, 18, and 24 channel) to meet any application. The large assortment of optional modules permits you to configure the console to meet your particular, and sometimes unique, operating requirements without having to resort to expensive, custom construction.

Standard mainframe features:

- Totally modular design
- 9 positions for 7" accessory modules
- 2 stereo and 2 mono output busses
- Control room monitor module
- Stereo headphone out with EQ
- Built-in Clock and timer
- VCA controlled faders
- Built in cue amp, speakers and metering
- Active balanced input/output circuitry
- 1 year warranty

Pricing Based On Configuration

AUDITRONICS



400 SERIES Audio Consoles

The perfect choice for high quality broadcast multi-track production, the 400 series console combines many features found in high-end recording consoles with Auditronics durability and quality.

18 or 24-input mainframes are available with your choice of 4 or 8-buss configuration. Foldback monitor mixing is available for up to 16 tracks. All input modules include multiple source selection and are available in a mono mic or stereo line configuration.

Optional accessory modules allow you to customize the console to suit your needs. These include, but are not limited to, equalizer, compressor/limiter/gate, telephone mix-minus, oscillator, etc.

Complete monitoring and communications facilities are provided including "in-place" stereo solo. Mono cue amp/speaker and stereo headphone output are standard.

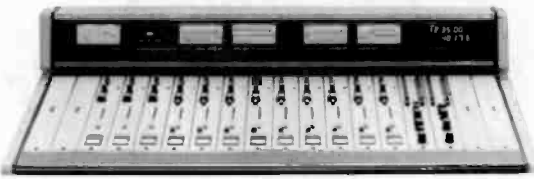
Each mainframe includes a control room monitor, all submaster modules, an 8-track foldback/monitor mix, all output amplifiers, power supply, installation kit, extender boards, spare parts kit, and full manuals.

Price Based On Configuration

BSW Adds Value To Your Purchase With Personal Attention

BSW's sales staff works out of one office and is ready to expertly assist you with the purchase of a single item or equipment for an entire station. Whether you need the assistance of a particular salesman or need to place a last minute order, you can rest assured that you will get prompt, personal attention.

BROADCAST ELECTRONICS



**MIX TRAK 90
Audio Console**

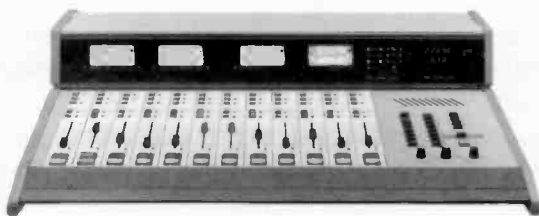
Looking for a new console that fits today's need while leaving room for tomorrow's expansion? Choose the Mix Trak 90 from Broadcast Electronics. Available in 12 and 18 channel mainframes, this modular console can be fitted with the exact type and number of input modules you desire.

The audio performance of the Mix Trak 90 is superb. Typical signal to noise is better than 85 dB below nominal output level with THD at less than .05%.

Features:

- Individual line and microphone input modules • Automatic source sequencer • P&G linear faders • VCA controlled audio • Silent Hall Effect module switching • "Monitor Dim" function for easier cueing
- Balanced patch points • Independent program and audition metering
- Three mix-minus busses • Separate music and speech program busses
- Optional PPM metering • Optional clock/timer module • Optional mono module with metering and phase reversal indication.

Call For Pricing And Configuration



**AIR TRAK 90
Audio Console**

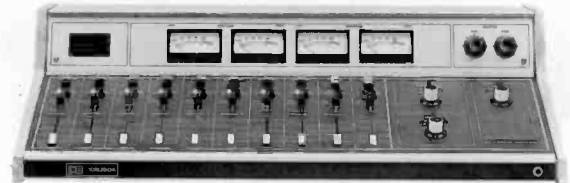
These 6, 12, 18, and 24 channel consoles have the look and functionality needed for broadcasting in the 90s, and durable enough to carry the BE name.

All models have the following features:

- All inputs independently assignable for mic or line, HI or LOW level
- P&G linear faders • VCA controlled audio • Silent Hall-Effect switching • "Monitor Dim" function for easier cueing • Versatile talkback system • Independent program and phase integrity indicators • Auxiliary mix-minus buss • Clock/timer standard • Mono outputs standard • Tough polycarbonate overlay

Price Based On Configuration

BROADCAST ELECTRONICS



**SERIES 350A/250A/150A
Audio Consoles**

With their two-tone technical white and gray finish and solid oak trim, these consoles are stylish yet offer rugged, reliable service in any demanding on-air or production application. Each mixing channel accommodates two pushbutton selectable inputs and may be preset for either microphone or high level service. Every console also features separate monitor, headphone and cue channels, and front panel polycarbonate overlay.

The 350A Series consoles offer the smooth reliability of Penny & Giles precision faders. Each fader features convenient dual cue switching through the use of a detent "drop cue" or Cue/Program Audition/Off switch. The 350A's also offer separate audition and program metering.

The quality features of the 250A Series consoles include ladder-type step attenuators with cue detent, and roller-cam key switches.

The 150 series is the economy series featuring durable, sealed potentiometers with detent for cue.

10S350A (10 Mixer Stereo) Mfg. List \$6,350.00

5S250A (5 Mixer Stereo) Mfg. List \$3,950.00

8S250A (8 Mixer Stereo) Mfg. List \$5,050.00

5S150A (5 Mixer Stereo) Mfg. List \$3,150.00

8S150A (8 Mixer Stereo) Mfg. List \$3,850.00

10S150A (10 Mixer Stereo) Mfg. List \$5,450.00

Call For BSW Price



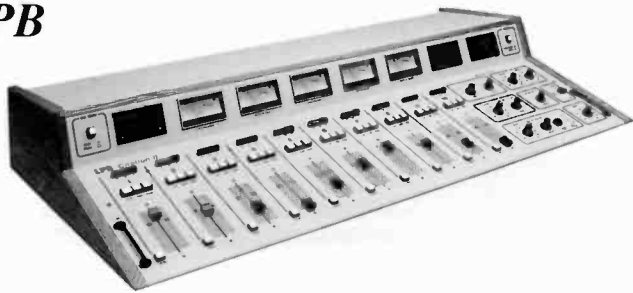
**4S50A
Audio Console**

The 4S50A lends itself well to either production or on-air use. Each of the first three channels accepts two high or low level stereo inputs. Channel four can be pre-selected for a single high or low level stereo input, or for one of five high level remote/utility stereo inputs. Each channel mixer control incorporates sealed dual-potentiometers fitted with detent cue switches. Rack mount version available.

Mfg. List \$2,250.00

Call For BSW Price

LPB



CITATION II SERIES Audio Consoles

The flexible, ten-mixer Citation II features three inputs per mixer with lock-out switching, two stereo output busses, mix-minus capability, mono mixdown with independent VU, two user configurable four position auxiliary selectors and programmable monitor and cue muting for the first five mixers. For durability, Citation II's low profile front panel is protected by a tough Lexan® overlay.

C2-10 Mfg. List \$6,995.00

Call For BSW Price



SIGNATURE III SERIES Audio Consoles

These consoles offer real ruggedness and demonstrated RFI immunity. Built in cue amp/speaker and monitor amp. 3 inputs per mixer.

S10 (6 Mixer) Mfg. List \$4,195.00

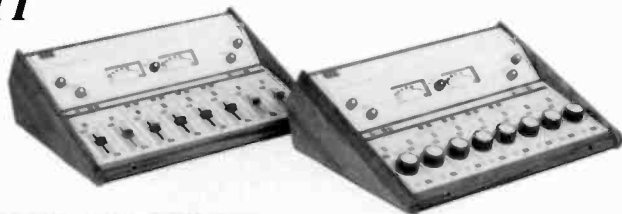
S13 (8 Mixer) Mfg. List \$4,995.00

S20 (10 Mixer) Mfg. List \$5,895.00

S24 (12 Mixer) Mfg. List \$6,895.00

Call For BSW Prices

ATI



VANGUARD SERIES Audio Consoles

Vanguard Series Consoles offer superior performance and long term reliability with low initial cost and minimum maintenance.

Features: dbx™ VCAs • Headphone amplifier • Muted monitor drivers • Cue amplifier and speaker • Two microphone preamps • Balanced, bridging inputs • Active balanced outputs • Effective RF Protection

BC6DSL/R (6 Linear or Rotary Faders, 12 Inputs) Mfg. List \$2,995.00

BC8DSL/R (8 Linear or Rotary Faders, 12 Inputs) Mfg. List \$3,495.00

BC12DSL (12 Linear Faders, 24 Stereo Inputs) Mfg. List \$5,195.00

Call For BSW Price

Choosing A Production Console

Shopping for a professional console is not as simple as it used to be. Once upon a time you could choose a console for any room in your station by determining the number of inputs you required and whether or not you trusted the quality of a particular manufacturer. That was about all you needed to know.

Today's radio stations are much more complex and require the use of more specific equipment to perform certain functions.

To stay competitive, many stations are having to create more complicated multitrack productions that utilize a number of recorded elements and sound effects. Your standard "On-Air" console is not designed to handle this kind of production with its limited routing and processing capabilities. Putting the old on-air board in the production room doesn't offer a workable solution any longer.

There are a few important features to look for in a console for the production room that will be producing more than the simplest two track productions. Adequate monitoring is a must in production consoles. That is, the ability to monitor tracks that have already been recorded at the same time while new tracks are being recorded. Different consoles accomplish this in different ways. Some consoles have selector switches on each input channel that allow tape returns to feed the input for monitoring or mixdown. This type of monitoring is referred to as "in-line" monitoring. Some consoles devote a separate buss section for tape monitoring. In either case it's important to have a console that can handle at least as many tape returns as there are tracks on your recorder.

Many production consoles feature multiple outputs including subgroups and auxiliary sends or AUX outs. Subgroups are a convenient way of assigning different elements to different tracks at one time. Most productions are created using multiple passes, where elements are added one at a time so it may not be necessary to have as many subgroups as tracks on your recorder (ie. a 16 track recorder may only require a 4 subgroup console).

Aux outs become extremely valuable when adding special effects like reverb or compression from an external device. Good production consoles will include multiple AUX outs as well as AUX or effect inputs.

Production consoles usually offer a greater range of input level control as well as multiple band equalization on the input channels that add further flexibility over air consoles.

BSW sales personnel understand the requirements of today's radio productions and the role of the audio console in producing them. So don't hesitate to call when your looking for a new console for your production room, or any other room in your station.

MACKIE DESIGNS



CR1604
Audio Console

This compact 16 channel console from Mackie Designs offers exceptional performance and versatility. Its unique convertible design allows it to be used as a table top mixer or a rack mounted mixer (rack ears included). CR1604 features include: 6-studio grade mic preamps (expandable to 16), 3-band EQ on every channel, 7 AUX sends per channel (up to 4 simultaneously), 4 stereo effects returns, stereo in-place solo, dual function channel mute, twice the headroom of conventional designs, and a three year limited warranty.

Mfg. List \$1,099.00

Call For BSW Price

RAMSA



WR8616
Audio Console

The WR8616, a mixer specifically designed for recording and broadcast applications. It employs a versatile mainframe that can accommodate a variety of modules including a mono mic/line module (WU8101) and a stereo line module (WU8106). Available with remote start switches and equalization, the WR8616 is one of the most versatile consoles available in its price range.

Price Based On Configuration



WRM10
Multiple Source Mixer

22 input connections, 11 output connections, built-in compression, auto-muting and sub-grouping are among the features that make this a most flexible, compact mixer. This unit can be mounted in a number of different ways: rackmount, wall mount, and flush mount. Cue and remote start are standard features.

Mfg. List \$900.00

Call For BSW Price

SOUNDCRAFT



200 DELTA
Audio Console

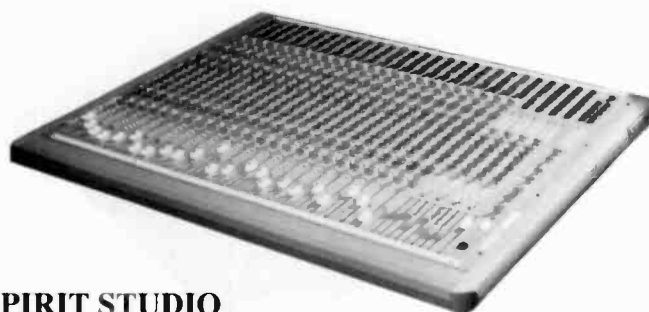
Start with an 8, 16, 24, or 32 channel mainframe, add the number of inputs and subgroups you need, and you've got the perfect solution to your production console needs. Choose from four styles of inputs:

The standard input module, featuring wide-range input level control, 3 band EQ, 6 aux sends, and complete routing. The deluxe input adds an input phase reverse switch, highpass filter, and an extended EQ. The stereo input allows switching between two stereo input sources with full right/left balance or mono summing on either source. The dual line input module effectively doubles the number of sources per channel.

You can feed all inputs directly to stereo or choose up to 4 submasters. The 8 channel mainframe can be rack mounted.

A Standard Input, 16 Channel Console Lists For \$5,450.00

Call For Specific Pricing And Configuration



SPIRIT STUDIO
Audio Console

Spirit production consoles are available in 16 or 24 channel sizes with a number of features that maximize flexibility. Both size consoles feature 8 group busses that can be linked into 4 stereo pairs. Each channel has three inputs- a mic input, a line-level input, and a tape monitor input that acts as an extra line input during mixdown effectively doubling the number of inputs available at mix-down.

All input channels have a 4-band EQ section (HF, LF, 2-mid sweep) that can be split between main and monitor signal paths. There are 6 aux. busses available and 4 stereo returns with 2-band EQ.

Additional features include excellent monitoring/talkback facilities, 2 freq. tone oscillator, and 10 16-segment LED bargraph meters.

STUDIO 1682 Mfg. List \$3,995.00

STUDIO 2482 Mfg. List \$5,650.00

Call For BSW Price

TASCAM



M3500-24ST Audio Console

To stay competitive, stations are relying on more sophisticated audio production demanding consoles that integrate multiple audio sources, effects units and multitrack recorders. The M3500-24ST from Tascam features 24 mono and 8 stereo inputs, 8 group busses and an "in line" monitor system which allows for complicated productions involving up to 24 recorded tracks.

Special features:

- 4 band, 6 control EQ • 6 aux sends, slide faders for in-line monitoring and effect returns • Optional LED meter bridge provides metering on all input channels. Console stand optional.

Mfg. List \$9,499.00

Call For BSW Price



M2516/M2524 Audio Consoles

If you need an affordable, compact, yet fully functional multi-track recording console you'll want the M2500 Series console from Tascam.

The M2516 features 16 full-function inputs, 16 tape returns, 8 sub-groups, and L/R outputs. The M2524 has 24 full-function inputs, 24 tape returns, 8 sub-groups, and L/R output.

Both models feature eight buss recording, automated muting via MIDI, in-line stereo monitoring, four aux. sends, three-band EQ, pre-fade listen, 4 effect returns (2 stereo, 2 mono), talkback with built-in mic, and balanced left/right outputs.

M2516 Mfg. List \$2,999.00

Call For BSW Price

M2524 Mfg. List \$3,999.00

Call For BSW Price

TOLL FREE 800-426-8434

TASCAM



M208 Audio Console

The M208 is versatile, accepting inputs from a wide variety of input sources and can handle a wide range of applications. Features: 3-band EQ on each channel combines shelving and sweep-type EQ • 2 auxiliary mix systems with 2 effect returns • 4 program groups, each with a master fader and pan control, and a choice of XLR and RCA output connectors • 8 tape return jacks • LED overload indicators on each channel • Trim and pad controls on each input provide broad level matching from -70 to +4dB • Switchable VU meters with peak-reading LEDs • Optional RM208 Rack Mount Kit

Mfg. List \$1,199.00

Call For BSW Price



M106 Audio Console

The M106 offers comprehensive input and output facilities in a convenient practical layout. Features: Mic/line inputs on all 6 input channels • 4 phono inputs for use in A/V production or club applications • Group, aux, effect, and monitor outputs • Trim and pad controls on each input provide broad level matching from -70 to +4dB • 2-band shelving EQ on each channel allow up to 15dB boost or cue at 10kHz and 100Hz • 19" rackmountable using the optional RM106 rackmount kit

Mfg. List \$699.00

Call For BSW Price



M06ST Audio Console

The M06ST is perfect for small home, or station production rooms. Features: 6 stereo input channels (channels 1 and 2 have stereo phono inputs for direct connection of turntables while channels 3-6 have stereo line inputs) • Mic inputs on each channel accept a wide range of signals from microphones, musical instruments and audio equipment • Stereo AUX inputs with level control provide an extra stereo input • Insert patch points on channels 5 and 6 • Cue send level controls on each channel

Mfg. List \$499.00

Call For BSW Price

YAMAHA



**MR SERIES
Audio Consoles**

These high quality, feature laden consoles are available in 8, 12, and 16 channel models. Features on all consoles include: 4 group mixing busses and a stereo master buss • Mic/line or tape input selection on all input channels • Peak LED's on each input channel • 3-band equalizer on each channel with (shelving low/high, sweepable mid) • Monitor assign switches and talkback facilities.

- | | |
|-----------------------------|--------------------|
| MR842 Mfg. List \$1,295.00 | Call For BSW Price |
| MR1242 Mfg. List \$1,595.00 | Call For BSW Price |
| MR1642 Mfg. List \$1,795.00 | Call For BSW Price |



**DMP7
Digital Mixing Console**

Here is a revolutionary digital mixing console and processor from Yamaha. Features: 8 line input x 2 output configuration • Complete 16-bit digital signal processing from input to output • Reliable multi-function motorized faders • Versatile 3-band equalizer • High-performance internal digital multi-effect processor • Memory storage of 30 scenes, which allow instant recall of all console parameters • Internal digital stereo compressor

- DMP7 Mfg. List \$3,650.00**
MLA7 (Mic/Line Pre-Amp.) Mfg. List \$450.00
 Call For BSW Price

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BIAMP



**ADVANTAGE ONE/ADVANTAGE 601
Audio Mixers**

Advantage One is an 8x1 single rack space mixer featuring low noise mic/line inputs with pad and trim, master tone controls, signal present LED and master input patchpoint. Advantage One also includes an in/out patchpoint on each channel and adjustable notch filters on the output section. Advantage 601 is similar to the Advantage One in a 6x1 mixer configuration.

- ADVANTAGE ONE (8x1 Mixer) Mfg. List \$745.00**
ADVANTAGE 601 (6x1 Mixer) Mfg. List \$429.00
 Call For BSW Price

HENRY ENGINEERING



**MICROMIXER
Utility Mixer**

This four-input, two-out stereo utility mixer is the same size as the popular Matchbox. Inputs are balanced and bridging, with adjustments for level and gain. Inputs are assignable to the left, right, or both outputs in any combination. The stereo outputs will drive a 600 ohm load to +25 dBm. Frequency response is DC to 30 kHz.

- Mfg. List \$195.00** **Call For BSW Price**

RANE



**SM26
Splitter/Mixer**

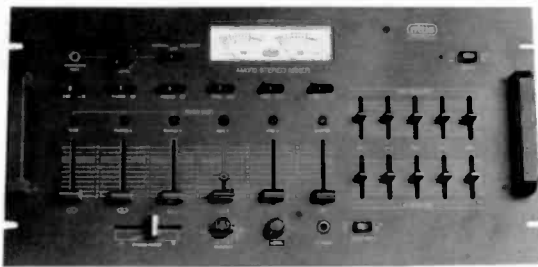
Here is an extremely versatile, single rack space mixing tool that combines 6-in/2-out mixer and 2-in/6-out splitter with mix/pan and level controls. Use it for line mixing, line distribution, or line matching. Transformerless balanced/unbalanced inputs and outputs.

- Mfg. List \$349.00** **Call For BSW Price**

Fax Us Your Bid List

Toll Free
800-231-7055

ATUS



AM300/AM300E Audio Mixer

The AM300 is a compact, inexpensive multiple-source mixer suitable for DJ work or simple audio production. The AM300E is the same as the AM300 but contains a built-in echo circuit.

Features:

- Rack mountable • Inputs for: two turntables, six stereo line-level sources, and two microphones • A/B fader for phono/CD channels • Ducker on mic channel • Monitoring of any input signal • Output switchable between 0dBu and +4 dBu • Separate left/right 5-band graphic EQ

AM300 Mfg. List \$299.95

AM300E Mfg. List \$415.95

Call For BSW Price

Call For BSW Price

BIAMP



DJ5500 DJ Mixer

Conservatively rated components, and sound mechanical design combine to provide reliable, high quality performance for the long run.

Features:

- Ultra low noise and distortion throughout system • Bass boost Circuit • 3-band EQ on each channel • Fully muted outputs prevent on/off thump • A full octave more bass than most DJ mixers • Variable talkover ducker

Mfg. List \$999.00

Call For BSW Price

**Don't Panic . . . We're
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9AM-9PM Eastern 6AM-6PM Pacific

RANE



MP24 Mixer/Preamplifier

The MP24 is a rugged, high performance, rackmountable mixer for mobile DJ applications, or anywhere you need a multiple source mixer with phono preamp capability.

Features:

- 9 stereo inputs - 3 phono & 6 line - assignable to 4 input mixing busses • Fully assignable crossfade with defeat switch • Alps 60 mm studio faders and sealed rotary pots • Separate booth, zone, and light trigger outputs • Two mic inputs with 3-way EQ and full effects loop • Flexible headphone section, 2 master effects loops • 4-way program EQ

Mfg. List \$1,299.00

Call For BSW Price

STANTON



PMC600 DJ Mixer

This compact mixer offers comprehensive input facilities (2 stereo line, 2 stereo phono, and 2 mono mic) and a signal to noise ratio that equals much more expensive mixers.

Features:

- 5 band graphic EQ • Master balance control • Pre-fade monitor select • User replacable crossfader

Mfg. List \$379.95

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Stock Items Ship The Same Day
Or We Pay Your Freight

COMREX



**STLX/SLX
Remote Consoles**

Ideal for sports or news, the STLX and SLX consoles are completely self-contained remote broadcast packages. The STLX incorporates a two line Frequency Extender encoder with noise suppression. The SLX has a built-in basic single line Frequency Extender encoder.

Features (both mixers):

- Four mixing channels (2 mic/ line)
- Built-in telephone interface
- Custom monitor mix with station talkback available on each headphone (4 headphones/STLX) (3 headphones/SLX)
- AGC
- AUX IN and OUT
- Feeds dial or dedicated circuits
- Requires Comrex dual or single line decoder for frequency extension.

STLX Mfg. List \$7,750.00

Call For BSW Price

SLX Mfg. List \$4,200.00

Call For BSW Price



**TALK CONSOLE™
Talk Show Console**

This compact, economical and easy to-use console provides everything needed for talk programs in a single package. Designed for use by non-technical and technical operators wherever there is access to phone lines. The Talk Console™ conferences two phone lines with a host and guest. It offers a telephone dial pad, telephone couplers for direct lines or PABX, two self adjusting hybrids, mix-minus feed, two mic level inputs (channel 2 can be line level), two headphone outputs with volume controls, and remote contact closures to start a tape recorder and a delay system. Simple to set up and operate.

Mfg. List \$1,995.00

Call For BSW Price

ELECTRO-VOICE



**ELX1R
Remote Mixer**

The Electro-Voice ELX1R is a compact, high-performance audio mixer designed for professional applications where clean audio and reliable operation are important. The ELX1R features four balanced inputs, selectable mic or line level. Switchable output limiter prevents clipping, and low cut filters reduce low frequency background noise. Headphone output has a separate power amp and level control will drive any type of headphones or small speaker. Level setting is easy with the built-in tone oscillator.

Mfg. List \$595.00

Call For BSW Price

RUSSCO



**T321
Remote Mixer**

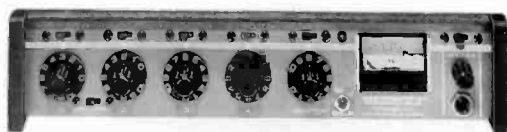
Russco's Telemote 321 gives you two low impedance microphone inputs and one medium impedance tape recorder input in a compact, 3 pound package. What makes this mixer so unique is that it requires no batteries or any other external power source except your phone line. The 321 works right off your dial or touch-tone phone line feed. While you're broadcasting that important event, you can supply audio to 3 headsets at once and control their level by a front panel pot. The audio level feeding the telephone line is controlled by a built-in limiter with the limiting action displayed by an LED bar-graph meter. It also incorporates a signal bell that allows calls originating at your station to be received at your remote location.

Mfg. List \$649.00

Call For BSW Price

***BSW Has Over 18 Years Of
Experience In Servicing The Equipment
Needs Of Broadcasters.
Give Us A Call Today!***

SHURE



M267 Microphone Mixer

The most popular portable mixer in broadcasting is undoubtedly the Shure M267 because of its flexibility and modest price. Features include: peak limiter, phantom power, built-in battery pack, LED peak indicator, headphone level control. The M267 has four mic or line switchable inputs. It also includes transformer balanced inputs and outputs, mix buss, VU meter, low RFI and line noise susceptibility.

M267 Mfg. List \$520.00

M268 (Simplified Version Of M267) Mfg. List \$315.00

Call For BSW Price



FP410 Portable Automatic Mixer

Now you can operate a multiple mic mix with ease with the FP410 from Shure. Patented IntelliMix technology allows for smooth mixes by automatically turning down unused mics. Three unique features add up to provide excellent hands-free operation: Noise Adaptive Threshold activates mics for speech, but not constant room noise - Maxbus limits the number of activated mics to one per talker - Last Mic Lock-On keeps most recently activated mic open until a newly activated mic takes its place. Additional features: Balanced mic/line inputs and outputs • Phantom powering • Linking capability (up to 25 Mixers) • Manual or automatic modes • AC or battery operation • Rack mount ears and link cable included

Mfg. List \$1,595.00

Call For BSW Price



FP42 Microphone Mixer

Field production technicians suffering from audio headaches can rejoice. Shure has a cure in the FP42 - an extraordinarily reliable, compact, feature-packed stereo audio mixer. The FP42 combines Shure ruggedness with all the convenient features that made the M267 so popular plus full stereo capability!

Mfg. List \$1,020.00

Call For BSW Price

TOLL FREE 800-426-8434

TELFAX



GX SERIES Remote Mixers

Choose a GX to fit your application from the basic 3 input GX300 to the mid-line GX400 to the fully blown GX440.

All three models feature high performance features like: High capacity rechargeable batteries with charger, high level loop and AUX outs, pulse/tone dialing, low frequency extender interface, squelch/mute, bass boost, audio limiter, radio monitor switch and jack, headphone amp input, and VU bargraph with peak indicator.

GX300 contains all the above features in a basic three mixer configuration. GX400 adds a 4th mic input, a headphone cueing channel, and a test tone oscillator. GX440 has all the above features plus an up/down timer and 2nd phone line capability for studio cues and on-air calls from listeners.

GX300 Mfg. List \$950.00

Call For BSW Price

GX400 Mfg. List \$1,050.00

Call For BSW Price

GX440 Mfg. List \$1,195.00

Call For BSW Price

Accessories:

19-0007 Padded Nylon Case, 08-0100 Spare Power Transformer/ Cable, 19-0206 Hard Plastic Case

ZERCOM



MAX-Z/MAX-ZII Remote Consoles

MAX-Z is a remote broadcast console that provides maximum flexibility, utility, and above all, audio quality. Features include: carrying case, built-in rechargeable batteries and charger, clock, stopwatch/timer, V.U. meter, wide range and audio inputs (will match almost anything), cue channel, phone line alarms, memory dialing (tone or pulse), etc.

The MAX-Z II is an abbreviated version of the MAX-Z. High quality audio handling is maintained in the two channels of audio input. AC/DC powered, two headphone outputs, cue channel.

MAXZ Mfg. List \$1,095.00

Call For BSW Price

MAXZII Mfg. List \$600.00

Call For BSW Price

RAMSA



SV3900 Digital Audio Tape Recorder

The SV3900 is designed for versatility and is compatible with virtually all editing controllers and automation systems. Full remote control capability is available via serial port and can be switched to follow ES-Bus or P-2 protocols. A full-function wired remote controller is available and includes a keypad for IDs, a 2-speed shuttle wheel, and all transport controls. Features include: Push button selectable sampling rate (44.1 and 48 kHz) • Program, absolute, and time-remaining displays • Digital and analog inputs and outputs • Balanced XLR analog inputs and outputs • Up to 400 times fast-forward/rewind and search speeds • Quad 18-bit DACs

SV3900 Mfg. List \$2,100.00

SHMK390 Remote Control Mfg. List \$400.00

Call For BSW Price



SV3700 Digital Audio Tape Recorder

Same basic unit as the SV3900 with a simplified digital output section and the search dial mounted on the front. A full function wireless remote and parallel remote port are included.

Mfg. List \$1,599.00

Call For BSW Price



SV255 Portable Digital Audio Tape Recorder

Ideal for high quality professional on-the-job recording applications, SV-255 delivers 2.2 hours of continuous recording or playback from its rechargeable battery. Other valuable features: XLR type mic/line input • 32-step random access programming • 2-way power supply accepts AC and rechargeable battery • High speed search that is 60 times normal speed • Wide range level meters with peak hold • Digital output terminal • Direct access and skip search

Mfg. List \$2,700.00

Call For BSW Price

SONY

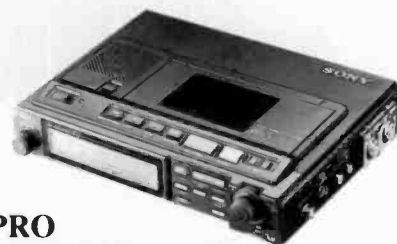


PCM2700 Digital Audio Tape Recorder

Sony, the leaders in DAT technology have developed the worthy successor to the standard-setting PCM2500. The NEW PCM2700 will certainly gain strong acceptance in the professional market with advanced features like 4 direct drive motors for stable and accurate tape transport, read-after-write (play-after-record) feature to monitor actual recorded information, dual speed operation for up to 4 hour record or play, and built in rack ears.

Mfg. List \$2,900.00

Call For BSW Price



TCD-D10PRO Digital Audio Tape Recorder

This is Sony's smallest DAT machine weighing only 4 lbs. 7 oz even with its internal battery pack. Balanced XLR mic connectors allow proper interface with professional low impedance microphones or +4 line level inputs. Features include: Digital I/O (S/PDIF and AES/EBU type) • Clear, easy-to-read back lit display • Two hour recording time • Switchable limiter • Built-in speaker • Internal battery

Mfg. List \$2,900.00

Call For BSW Price

TASCAM



DA30 Digital Audio Tape Recorder

The DA30 is designed for professionals with features like XLR balanced analog inputs and outputs, and AES/EBU digital interface. Features 64X oversampling 16-bit delta-sigma A/D technology and 8X oversampling 18-bit D/A conversion. Automated features make operation smooth and efficient. 15-pin parallel remote port included. Optional wired remote available.

Mfg. List \$1,499.00

Call For BSW Price

Digital Audio Recorders / Cassettes

TEAC



DAP20 Portable DAT Recorder

Full of features and very affordable. Includes: XLR mic inputs, analog and digital (SP/DIF) outputs, AC operation with included adaptor, DC operation (up to 2 hours) with included rechargeable battery pack, headphone jack with level control and more.

Mfg. List \$999.00

Call For BSW Price

TECHNICS



SVDA10 Digital Audio Tape Recorder

Update old cassette machines or reel-to-reels with this cost effective digital recorder.

Features include:

- MASH A/D and D/A conversion
- 2-speed shuttle search dial
- 400 times tape speed for fast search
- Addressable code and program numbers
- 37-key wireless remote included

Copy Code Protection is present in this unit.

Mfg. List \$895.00

Call For BSW Price

YAMAHA



DTR2 Digital Audio Tape Recorder

Yamaha draws on their experience in digital technology to offer this new DAT machine for the professional market. Only 2 rack spaces high with built-in rack ears, this unit will fit easily into any studio. DTR2 features both balanced and unbalanced analog in/outputs and both coaxial and optical digital in/outputs. It's program and search functions make it as easy to use as a CD player. DTR2 makes use of a 24 segment peak meters with 3-second peak hold and includes a front panel headphone jack with level control.

Mfg. List \$1,495.00

Call For BSW Price

DIC



Quality tape, affordably priced

DIC30XR (30 min.) Mfg. List \$7.90 Call For BSW Price

DIC60XR (60 min.) Mfg. List \$8.87 Call For BSW Price

DIC90XR (90 min.) Mfg. List \$11.25 Call For BSW Price

DIC120XR (120 min.) Mfg. List \$12.00 Call For BSW Price

RAMSA



Super high quality shell construction and tape composition. Features one-year unconditional warranty.

RTR60P (60 Min.) Mfg. List \$11.00

RTR90P (90 Min.) Mfg. List \$13.00

RTR120P (120 Min.) Mfg. List \$15.00

RTRCLP (Cleaning Cassette) Mfg. List \$13.00

Call For BSW Price

SONY



Time tested tape from the Pioneers of digital audio.

DT60R (60 Min.) Mfg. List \$11.00 Call For BSW Price

DT90R (90 Min.) Mfg. List \$13.15 Call For BSW Price

DT120R (120 Min.) Mfg. List \$15.20 Call For BSW Price

3M/SCOTCH



Very low error rates even after repeated playback.

R46 Mfg. List \$13.00 R60 Mfg. List \$15.00

R90 Mfg. List \$18.00 R120 Mfg. List \$21.00

Call For BSW Price

STUDER

DYAXIS Digital Audio Production System

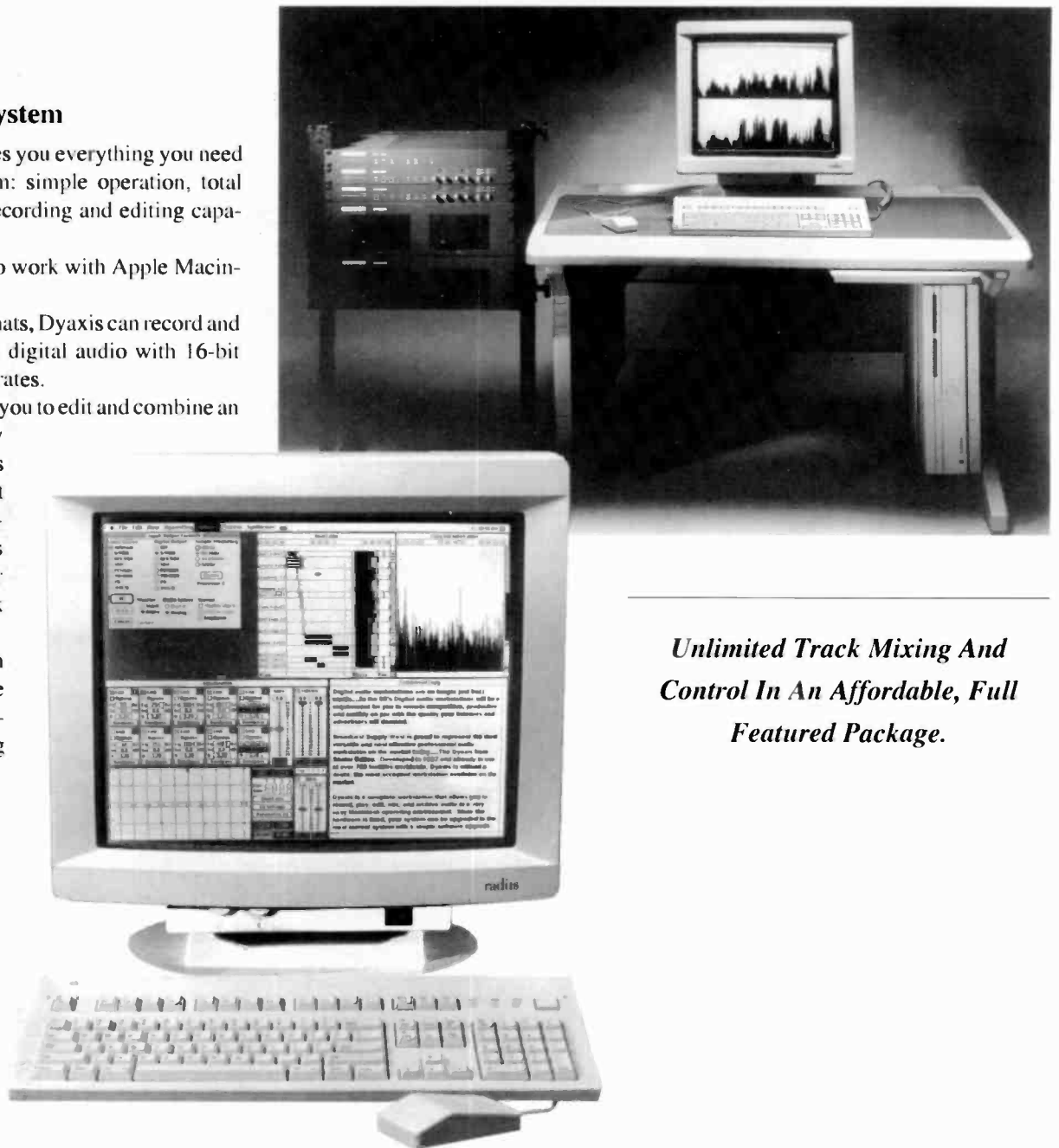
The Studer Dyaxis System gives you everything you need in a digital audio hard-disk system: simple operation, total creative control, and high-power recording and editing capabilities - all at an affordable price.

Dyaxis Systems are designed to work with Apple Macintosh™ computers.

Available in 2 or 4 channel formats, Dyaxis can record and play back up to 12 hours of stereo digital audio with 16-bit resolution in a variety of sampling rates.

The two channel system allows you to edit and combine an unlimited number of high-quality digital tracks into remixed soundfiles and pan them to the right and left outputs. The 4-channel system provides two channels of simultaneous hard-disc recording with up to four channels of simultaneous playback and/or overdubbing.

Dyaxis is delivered with MacMix, the industry's most mature recording, wave form editing, mixing, crossfade, and signal processing software package.



*Unlimited Track Mixing And
Control In An Affordable, Full
Featured Package.*

Used with the Macintosh computer, MacMix software places every function on-screen in front of you. It is intuitive, powerful, user-friendly, and easy to learn.

Features:

- Digital Quality
- Unlimited Tracks
- Graphic Mixing With Pan and Crossfade
- Precise, Non-destructive Editing
- Operates With Standard Macintosh II® Computers
- Visual And Scrub Edit Modes
- Multiple Sampling Rates
- Optional Time compression/expansion and EQ
- Optional DAT or Optical Disc Back-up
- Expandable Storage (up to 12 hours)
- Supports Multiple Timecode Formats

Anyone can be up and running with MacMix in just a few hours, creating stunningly complex audio productions.

Best of all is that dyaxis continues to expand and grow as new technology is developed. Software upgrades are made available to all Dyaxis users so your system never becomes obsolete.

Call BSW today to find out how you can benefit from owning the Studer Dyaxis.

Basic Systems (30 minutes stereo) Start At Under \$13,000.00 (less Macintosh)

Headphones

AKG



K240M

The K240M offers accurate reproduction at all listening levels, and extreme comfort with virtually no fatigue with prolonged use. Frequency response 15 Hz to 20,000 Hz. 4-600 ohm impedance.

Mfg. List \$139.00

Call For BSW Price



K141/2

A lightweight, semi-open-air headphone with resonance-free characteristics of "open air" designs. Frequency response 20 Hz to 20,000 Hz. 4-600 ohm impedance.

Mfg. List \$119.00

Call For BSW Price

BEYER



DT220

These unusually lightweight, sealed ear headphones feature excellent fidelity and sparkling clarity that satisfies even the most discriminating ear. Frequency response 20 Hz to 20,000 Hz. 600 ohm impedance.

Mfg. List \$139.95

Call For BSW Price



DT100

Reliable, comfortable headphones with moderately spacious sound perspective and powerful, but not overemphasized bass response. Frequency response 30 Hz to 20,000 Hz. Impedance 400 ohms.

Mfg. List \$189.95

Call For BSW Price

FOSTEX



T20RP

The Fostex T20RP headphones can handle high SPL without distortion. Soft, comfortable ear pad in a semi-closed format. Removeable cable. Frequency response 50 Hz to 30,000 Hz.

Mfg. List \$99.00

Call For BSW Price

KOSS



PRO4AA

The PRO4AA has been preferred by professionals for years. It delivers an extended range with outstanding sensitivity. Comfortable earcushions provide a complete seal. Frequency response 10-22,000 Hz. Impedance 230 ohm @ 1 kHz.

Mfg. List \$99.99

Call For BSW Price



PRO4XPLUS

Feedback on the air a problem? Koss PRO4XPLUS with sealed ear cups is a great solution. Lightweight design provides comfort and durability. Frequency response 10-40,000 Hz.

Mfg. List \$90.00

Call For BSW Price



TD60

This lightweight, sealed ear stereophone delivers great sound and is very affordable. Frequency response 18 to 20,000 Hz.

Mfg. List \$19.99

Call For BSW Price

SENNHEISER



HD250

Sennheiser quality in a closed ear format for minimal sound leakage. Frequency response 10-25,000 Hz. 600 ohm impedance.

Mfg. List \$239.00

Call For BSW Price



HD450S

Successor to the HD414SL series and designed specifically for the professional. Open-air design, HD450 provides higher output and improved accuracy using neodymium-iron magnets. Supplied with 10-ft. stranded steel cable. Frequency response 20-20,000 Hz. Impedance 600 ohms.

Mfg. List \$99.00

Call For BSW Price



HD25

Utilizing dynamic drivers in a closed supraural design, the HD 25 offers a lightweight and comfortable alternative to heavier sealed headphones. Unique rotating drivers allow one ear cueing. Frequency response 30-16,000 Hz. 70 ohm impedance.

Mfg. List \$229.00

Call For BSW Price

SONY



7506

Formerly the MDRV6, the 7506 delivers a surprisingly wide frequency range (5 to 30,000 Hz usable) in a comfortable, sealed ear format providing maximum isolation from external sound. Collapsible for storage.

Mfg. List \$120.00

Call For BSW Price

SONY



7504

The 7504 is light-weight and comfortable with a closed ear format. Collapses for easy storage. Frequency response is 50 Hz to 18 kHz.

Mfg. List \$95.00

Call For BSW Price



7502

An economy headphone with surprising sound. Closed ear format. Frequency response is 60 Hz to 18 kHz.

Mfg. List \$55.00

Call For BSW Price

*For Years BSW Has Been
Setting Standards
The Competition Can
Only Immitate*

- BSW - 10 Years Of 12 Hour Service
- BSW - 18 Years Under One Roof
- BSW - 18 Years Of Toll Free Service
- BSW - First With Same-Day Shipping
- BSW - First With Toll-Free FAX

**Immitation Is The Greatest
Form Of Flattery**

Headsets

BEYER



DT109K Headset

A headphone microphone combination for heavy duty use. All parts easily interchangeable. Long wearing comfort. Hyper-cardioid microphone has excellent noise cancelling qualities. Headphone frequency response, 40 Hz to 12,000 Hz; microphone, 30 Hz to 20,000 Hz.

DT109K Mfg. List \$254.95 Call For BSW Price
DT108K (Single Ear) Mfg. List \$204.95 Call For BSW Price

SENNHEISER



HMD224X Headset

One of broadcasting's most popular headsets, the HMD224X incorporates a dynamic cardioid microphone specially angled on the boom for optimum speech reception. Sealed ear configuration guards against unwanted crowd noise. Headphone frequency response, 16 Hz to 20,000 Hz; microphone, 50 Hz to 12,000 Hz.

Mfg. List \$315.00 Call For BSW Price

SHURE



SM2 Headset

The Shure SM2 provides maximum comfort, durability and high quality sound reproduction. Headset features include a patent mic boom mount adjusts for left or right side use, a metal boom that is less subject to damage, a rugged, all metal headband with leather-like covering, and "pillow-soft" ear pads for maximum comfort. Headphone frequency response, 100 Hz to 8,000 Hz; mic response 50 Hz to 15,000 Hz.

Mfg. List \$210.00 Call For BSW Price

TELEX



V220 Headset

This unique new headset offers audiophile quality and flexible configurations using modular cord sets and microphones. Construction is super rugged and comfortable. The ear phone section is studio quality and features a unique adjustment for more or less isolation.

Since this set is modular, be sure to order the headphone, mic, and cable set you require.

V220 Double Sided Headphone W/Boom Mfg. List \$147.00
MB11 Supercardioid Dynamic Mic Element Mfg. List \$42.00
MB12 Supercardioid Electret Mic Element Mfg. List \$42.00
CA10 Cable (XLR And 1/4" For Electret) Mfg. List \$82.00
CA11 Cable (XLR And 1/4" For Dynamic) Mfg. List \$82.00

Call For BSW Prices



PH91 Headset

The Telex PH91 has long been a favorite of professional announcers. Ideal for studio or on location sports broadcast, from the press box or the high noise environment of the playing field. Both earphone and microphone elements are field replaceable. Headphone response, 50 Hz to 15,000 Hz - microphone, 50 Hz to 15,000 Hz.

Mfg. List \$205.00 Call For BSW Price

*With Our Extensive Inventory
Chances Are
We Have What You Need
In Stock!*

ATI



HD1000/HD100 Stereo Headphone Amplifiers

HD1000 drives 4 stereo headphone outputs from a balanced stereo or mono line input plus a front panel mic input that can be panned left or right. A balanced stereo loop output is provided to feed any number of HD100 single stereo headphone modules.

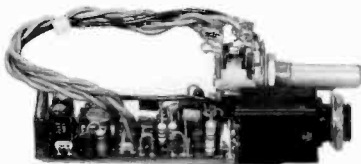
HD1000 Mfg. List \$395.00

Call For BSW Price

HD100 Mfg. List \$150.00

Call For BSW Price

BENCHMARK



HPA1 Stereo Headphone Amplifier

The HPA1 can be used anywhere - in consoles, at the patch bay, on interview tables and test sets, wherever you need individual level control. The HPA1 is ideal for headphones with impedances from 60 to 600 ohms.

BSW Price \$65.00

HOSA



HPE225 Headphone Extension Cable

This coiled extension cable stretches to 25' to allow more mobility when wearing headphones. End connectors are 1/4" male plug and 1/4" female jack.

HPE225 (Coiled 25') Mfg. List \$11.00 Call For BSW Price

HPE325 (Straight 25') Mfg. List \$11.00 Call For BSW Price

RADIO DESIGN LABS



STSH1 Stereo Headphone Amp

This Stick-On™ series unit gives you an adjustable, amplified stereo headphone output wherever you need it. Drives 8Ω to 5000Ω headphones from a balanced or unbalanced input. Gain adjustable from 3 to 45 dB.

Mfg. List \$99.95

Call For BSW Price

RADIX



HE20 Headphone Amplifier/EQ

Three bands of EQ and a powerful amplifier allow the listener to customize a headphone mix to his liking while listening in stereo, narrow stereo or mono. Includes flexible mounting bracket and rear panel remote headphone jack.

BSW Price \$169.00

RANE



HC6 Headphone Amplifier

Main stereo inputs drive six stereo headphone amplifiers through individual volume controls. Each headphone amp also has its own separate input which independently by-passes the main stereo input.

Mfg. List \$399.00

Call For BSW Price

SYMETRIX



SX204 Headphone Amplifier

The SX204 is a 1-in 4-out amplifier utilizing proprietary high voltage converter technology to drive high impedance headphones, while providing more than ample power for low impedance phones.

Mfg. List \$299.00

Call For BSW Price

RADIX



HS160 Headphone Splitter

The Radix 160 splits any amplified headphone signal to feed up to six headphones. Isolation resistors keep signal constant regardless of how many headphones are plugged in. Features heavy duty chassis with locking 1/4" jacks.

BSW Price \$72.95

Interface Amplifiers

APHEX



124 Interface Amplifier

Easily interface consumer audio equipment with professional studio and broadcast facilities with superior audio specifications. Active, servo-balanced circuitry converts +4 dBm (or +8 dBm) line levels to -10 dBm (hi-fi) levels, and back again. XLR and RCA type connectors enable quick hook-up.

Mfg. List \$229.00

Call For BSW Price

ATI



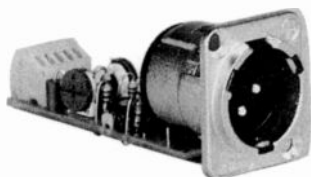
DP100 DISCPATCHER Interface Amplifier

A uni-directional stereo interface designed specifically to convert the unbalanced IHF outputs of digital compact disc players to transformer balanced and isolated 600 ohm line levels with no compromise or degradation of the source audio.

Mfg. List \$229.00

Call For BSW Price

BENCHMARK



DOA3 Interface Amplifiers

These interfaces mount inside equipment and eliminate cabling, space, mounting, and AC power problems. They provide variable gain from off to +26 dB. The DOA-3 uses bipolar power from $\pm 6V$ to $\pm 22V$. Power supplies are user provided.

BSW Price \$60.00

TOLL FREE 800-426-8434

HENRY ENGINEERING

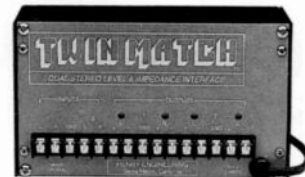


MATCHBOX Interface Amplifier

This is the ideal, inexpensive way to correctly interconnect consumer equipment with professional studio gear. The Matchbox is a bi-directional unit with four independent amplifiers providing full stereo input and output interface. Features adjustable output levels and RF shielding.

Mfg. List \$195.00

Call For BSW Price



TWINMATCH Interface Amplifier

Twinmatch is a four channel level and impedance interface for matching -10 dbv unbalanced equipment to +4 dbm professional gear. It's like the popular Matchbox, but it's "one-way", ideal for CD players. Since Twinmatch has four channels, one unit will work with a pair of stereo CD players, or with a four-channel tape deck. Frequency response is from DC to 30 kHz, -85 dB signal to noise, and .008% distortion. Outputs will drive a 600 ohm load to +25 dBm.

Mfg. List \$195.00

Call For BSW Price

RUSSCO



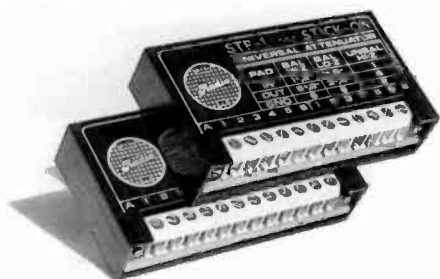
CD100 Interface Amplifier

This little unit can solve your impedance matching problems effectively and inexpensively. The CD100 can be used to interface any high impedance output device to a 600 ohm line; balanced or unbalanced.

Mfg. List \$79.90

Call For BSW Price

RADIO DESIGN LABS



STICK-ON SERIES Interface Devices

Each Stick-On™ measures only 2.9" W x 1.5" D x 0.5" H and is housed in durable plastic. Stick-On's are so small they can be directly and discretely mounted on equipment or under countertops. Careful attention to audio specifications and durability required by professional audio users are found in every Stick-On™.

ACTIVE STICK-ONS

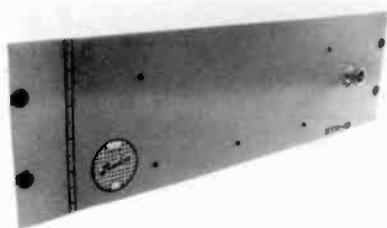
Model	Description	Mfg. List
STA1	Electronic Transformer, Dual Channel w/supply	\$114.95
STA1M	Audio Line Amp (mono)	\$79.95
STA3	Audio Power Amp, 3 watts RMS w/supply	\$79.95
STA6	Audio Power Amp, 6 watts RMS w/supply	\$99.95
STACR1/ACR2	Audio Controlled Silence Sense Relays	\$80.95
STDA3	Distribution Amplifier, mono w/supply	\$103.95
STDA3D	Distribution Amplifier, stereo w/supply	\$152.95
STCL1	Mono/Stereo Compressor/Limiter	\$119.95
STGCA1/GCA2	Gain Control Amplifiers w/supply	\$94.95
STLCR1	Logic Controlled Relay (momentary pulse)	\$56.95
STLCR2	Logic Controlled Relay (alternate action)	\$91.95
STM1	Microphone Preamp, fixed gain w/supply	\$81.95
STM2	Microphone Preamp, variable gain w/supply	\$114.95
STMDA3	Mic-Level Distribution Amplifier w/supply	\$103.95
STMPA2	Mic Phantom Adaptor w/supply	\$64.95
STMX3	Line Level Mixing Amp w/supply	\$99.95
STMMX3	Mic Level Mixing Amp w/ supply	\$109.95
STPH1	Stereo Phono Preamplifier w/supply	\$109.95
STSH1	Stereo Headphone Amplifier w/supply	\$99.95
STVCA1	Voltage Controlled Amplifier w/supply	\$86.95

PASSIVE STICK-ONS

STD1	Divider/Combiner Network, Four Channel (specify 150 or 600 ohm)	\$34.95
STP1SGL	Variable Attenuator, Two Channel	\$34.95

Call For BSW Discounted Prices

All Units Available Without Power Supplies Call For Details.

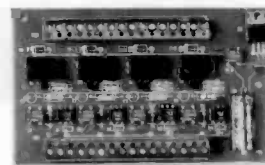


STICK-ON SERIES RACKING SYSTEM

STR19	19" Rack Kit, (Holds 12 Stick-On's), Snaps Included	Mfg. List \$99.00
STR12	Rack Kit Snaps, (Additional 12 Pack)	Mfg. List \$26.95

Call For BSW Price

BROADCAST TOOLS



UI4 Relay Interface

The 3"x5" universal interface creates an SPDT relay and open collector output from an optically isolated 5-28 volt AC or DC input. Four channels of control are included and can operate independently, or may be combined for latched and multiple relay contact operation. Input and output connections are via lugless type terminals. The UI4 is supplied with a plastic bracket for easy mounting. A self contained power supply operates from 12 to 48 volts AC or DC. Optional external wall transformer is available.

Mfg. List \$129.95

Call For BSW Price



SMI Studio Monitor Intercom

The Broadcast Tools SMI (Studio Monitor Intercom) provides an efficient, affordable communication system between up to 5 studios. Simply buy as many SMI's as you need. Talk with one studio at a time or on an "all call" basis. Each unit has host and guest headphone jacks with bass and treble EQ. The SMI automatically dims studio monitors during talkback. In addition, host headphones split for talkback in the right ear and air signal or program in left ear (defeatable while on air). Other features include full remote control with tally, interconnection via convenient 50 pin telco-type connectors, mono/phase check button, front panel talkback mic with adjustable AGC, Aux input for talkback with level control (for remote feeds etc.).

Mfg. List \$699.00

Call For BSW Price

HENRY ENGINEERING



SUPERELAY Utility Control Interface

Ideal for controlling various equipment functions that are activated by an independent source.

Superelay can be controlled by any switch, relay (momentary or maintained), or CMOS/TTL logic circuit. It provides six double-throw relay outputs for low-voltage and audio switching and an AC output switched with a solid-state synchronous relay. Includes internal flasher unit and 24VDC power supply.

Mfg. List \$225.00

Call For BSW Price

360 SYSTEMS



AM16B Audio Routing Switcher

The basic switcher is a mono 16x16 matrix, but may also be configured as an 8x8 stereo unit, or as a 16x1 mono or 8x1 stereo selector. All inputs and outputs are electronically balanced. Several slave units may operate in parallel to provide more than sixteen simultaneous inputs for 16x16 stereo or multi-channel operation. All active power supply elements are fully redundant, so an AM16 B can keep working even if all regulated supplies experience a failure. 100 memory presets are standard.

Mfg. List \$1,495.00

Call For BSW Price

CONEX



AS101 Audio Routing Switcher

Allows any one of 10 stereo sources to be switched to the stereo output channel. Switching is accomplished by pressing one of the illuminated buttons on the front panel, or remotely, via the remote control connector on the rear panel. Several remote control devices may be connected in parallel, and all will indicate the selected channel.

AS101 Mfg. List \$895.00

AS401 Remote Control Mfg. List \$150.00

Call For BSW Price



UM33 Cue And Monitor Amplifier/Switcher

The UM33 is a stereo, eight channel in, one channel out, general purpose cue, monitor and line amplifier. The UM33 provides the easiest, least expensive, and most compact way of handling a variety of common monitoring, cueing, amplifying, and switching situations.

Features:

- 2 built-in cue speakers with amplifiers
- Stereo LED VU meters
- Front panel headphone jack and monitor switch
- Built-in 3 frequency oscillator.

Mfg. List \$550.00

Call For BSW Price

TOLL FREE 800-426-8434

HENRY ENGINEERING



FAST TRAC Dubbing System

Stop using valuable studio space and time for simple audio dubs. Let Fast Trac automatic dubbing system handle it. Fast Trac automates the dubbing process with one-button simplicity. The Start button starts both the source machine and the recorder at the correct time to produce perfect results. It accepts 4 inputs (push button selectable) with gain and balance control for each. The flexible monitoring section allows source, or off-tape monitoring in stereo and mono modes. Additional features: Two-tone test oscillator, front panel headphone jack, and a front panel input jack.

Mfg. List \$1,195.00

Call For BSW Price

TITUS TECH LABORATORIES



MLW1 Automatic Stereo Router

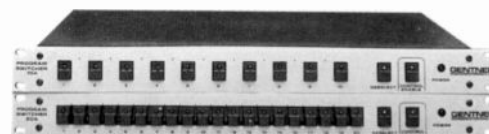
This wonder box can automatically identify and correct a number of problems that can occur in any monaural or stereo audio path or can act as a manual router and level matcher.

All inputs and outputs are balanced. The inputs can be individually set for -10, +4, or +8dBm and the outputs for +4 or +8dBm. Metering is provided for left/right and left+right/left-right.

Mfg. List \$1,800.00

Call For BSW Price

GENTNER



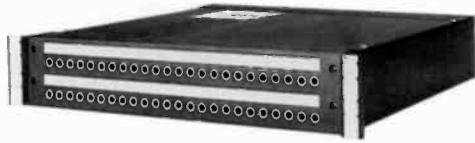
SWITCHER 10/SWITCHER 20 Audio Routing Switchers

Switchers 10 and 20 use highly dependable magnetically latching relays to route audio, data or control signals through your facility. Even if the units lose power, the proper source remains selected. The Signal Switcher 10 selects ten stereo channels to a stereo output; the Signal Switcher 20 selects 20 mono channel signals to a mono channel output.

SWITCHER 10 Mfg. List \$899.00 Call For BSW Price

SWITCHER 20 Mfg. List \$899.00 Call For BSW Price

ADC



PRO PATCH MARK II Patch Panels

ADC's finest series of patch bays are compact and ultra-high quality. In front, circuit designations are neat and convenient; and in back, the terminal layout affords faster installation and more flexibility of configuration. The fully enclosed Pro Patch chassis protects all the internal patchbay wiring as well as eliminating the need for routing and dressing conventional patchbay harnessing. Front panel and rear panels remove easily for service without removing the unit from the rack.

QCP is featured on Pro Patch. QCP provides a "gas tight" connection which means your cable connections are impervious to harmful environments, thereby giving you a connection that will not deteriorate over time.

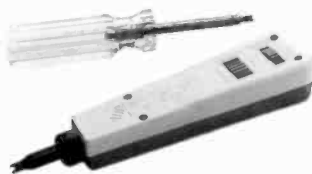
Call BSW For Price And Configuration



BJF MKII Prewired Patch Panels

The standard BJF MKII patch panels include an Ultra Patch termination (see below) and a four foot cable harness but are available in numerous harness lengths and termination configurations on a special order basis.

Call BSW For Price And Configuration



QB2 Wire Insertion Tool

The insertion tool is used for insertion of wire into ADC patch systems with the QCP split cylinder terminations.

It applies the correct force to the wire by a spring loaded mechanism within the tool. Either of two impact forces can be applied, as selected by the LO-HI thumbwheel on the side of the tool. The impact tool includes 1 removable tip which is stored in the tool's handle.

QB2 Mfg. List \$70.00 **Call For BSW Price**
QB2T (Replacement Tip) Mfg. List \$16.00 **Call For BSW Price**

ADC



P-KIT SERIES Patch Kits

These money saving kits have many of the features of the pre-assembled patch bays, but in a package designed specifically for the do-it-yourselfer. Simply add your own cable and termination panel.

P-KIT1 Mfg. List \$198.00 **Call For BSW Price**
 1.75" Panels With 2x24 Array Of Long Frame (1/4") Jacks

P-KITB Mfg. List \$264.00 **Call For BSW Price**
 1.75" Panels With 2x48 Array Of Bantam Jacks



ULTRA PATCH Punch Down System

Features:

- Utilizes QCP technology (see description from Pro Patch)
- Full and half normalling available
- Four design configurations to fit your application
- Cable support system insures that your cabling will dress neatly and stay that way, without stressing your connections

Call BSW For Price And Configuration



LONG FRAME 1/4"



BANTAM

LONG FRAME PATCH CORDS

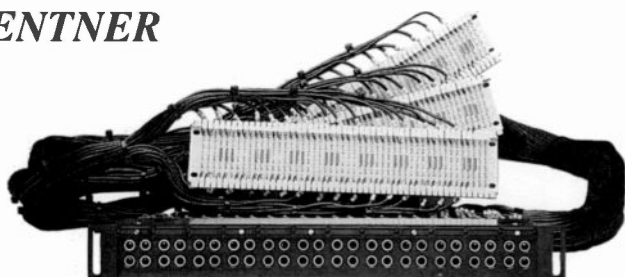
PJ81 1 Foot BSW Price \$16.35
PJ82 2 Foot BSW Price \$17.20
PJ83 3 Foot BSW Price \$17.80

BANTAM PATCH CORDS

PJ712 1 Foot BSW Price \$9.35
PJ714 2 Foot BSW Price \$9.75
PJ716 3 Foot BSW Price \$10.10

**Call For Details On Complete Selection
Of ADC Patchcords**

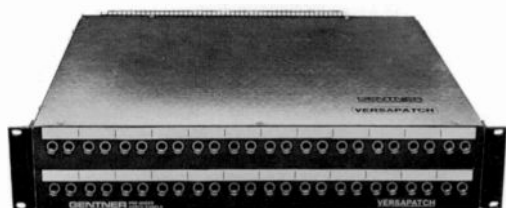
GENTNER



PRE-WIRED SERIES Patch Systems

Hand-wired to your specifications, using the highest quality components. A large variety of bay fronts and terminations are readily available for almost any configuration.

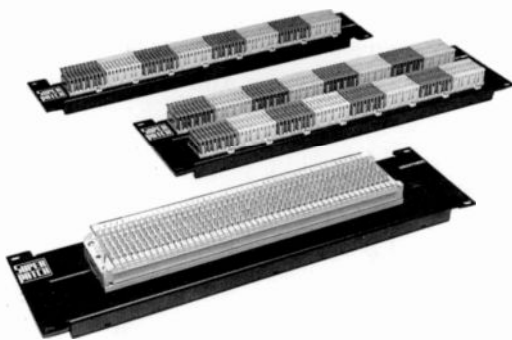
Call For Pricing And Configurations



VERSAPATCH Patch Systems

Chassis-enclosed audio patch panels with the terminations mounted on the rear panel. Eliminates guesswork on bundle length and provides protection against RFI and dust. Offset jack spacing for stereo patching.

Call For Pricing And Configurations



SUPERPATCH Termination Panels

These panel assemblies provide you with a convenient and flexible rack mount termination for your wiring projects. Superpatch is available with one or two rows of Flexiblock terminations or a Telco-type 66 punch block. All three models are secured to a fixed rack mounted aluminum panel to make punchdown connections fast and easy. Superpatch panels can be ordered separately or terminated to any of Gentner's prewired patch panels at the factory.

SP1 Single Flexiblock (160 Terminals-2 Rack Units) Mfg. List \$109.00

SP2 Two Flexiblocks (320 Terminals-3 Rack Units) Mfg. List \$139.00

SP66 Telco Punch Block (150 Terminals-Three Rack Units) Mfg. List \$99.00

Call For BSW Prices

GENTNER



FLEXIBLOCK Termination Panel

A "punch block" for stranded wire. Provides simple, gas-tight connection without cutting strands. Mounting bracket provides easy cable management. 100 terminals configured with 2 rows of 50 terminals; each slot accepts 2 wires. (Split Flexiblock also available; provides 2x50 terminals with 2 wire connections per terminal.)

Mfg. List \$29.00

Call For BSW Price

How BSW Adds Value To Your Purchase

• *Same Day Shipping*

Place your order before 12 noon Pacific time (3:00 Eastern time) and all stock items will ship that same day or we will pay the freight. Nobody else can respond as quickly as BSW when it comes to shipping your order. Saving time saves you money!

• *Personal Attention*

BSW's sales staff works out of one office and is ready to expertly assist you with the purchase of a single item or equipment for an entire station. Whether you need the assistance of a particular salesman or need to place a last minute order, you can rest assured that you will get prompt, personal attention.

• *After Sale Support*

When the sale is done, BSW isn't. We've been in business for nearly 20 years and we're here to stay. Our liberal return policy, in-house technical expertise, and sterling working relationship with hundreds of manufacturers assures the highest quality service available after you've purchased your equipment.

AKG



C414B/ULS Condenser Mic

The low inherent self-noise and high overload point guarantee a dynamic range in order of 126 dB. Four different polar patterns selectable on mic. All metal housing in black chrome finish. Includes stand adaptor and windscreen.

Mfg. List \$1,199.00 Call For BSW Price

AUDIO TECHNICA



AT815A Shotgun Mic

With the acceptance angle of approximately 40°, the AT815A provides a useful tool to overcome problems of noise or distance. Its flat response and high output insures well balanced, natural sounding pickup. Includes windscreen, battery, case, clamp, and cord.

Mfg. List \$297.00 Call For BSW Price

BEYER



M500 Ribbon Cardioid Mic

High quality ribbon microphone has a rising frequency response curve for optimum voice reproduction and vocal presence. Hypercardioid pickup pattern offers high gain before feedback. Built-in pop screen. Frequency response 40 Hz to 18,000 Hz.

Mfg. List \$379.95 Call For BSW Price

AKG



D1200E Dynamic Cardioid Mic

An integral B-M-S switch, an AKG exclusive, permits the user to create an almost endless variety of tone control possibilities. Frequency range: 40 Hz to 17,000 Hz.

Mfg. List \$329.00 Call For BSW Price
Optional Windscreen W29, SA411 Stand Adaptor Included

AUDIO TECHNICA



ATM25 Dynamic Cardioid Mic

Small hyper-cardioid mic with the performance of larger, more expensive studio mics. Minimal off axis coloration and voice tailored response.

Mfg. List \$250.00 Call For BSW Price
Options: Windscreen AT8112, Shock Mount TM3

BEYER



M59 Cardioid Microphone

The M59 is a rugged mic employing a large diaphragm and enhanced-field magnet technology for high output, high sensitivity, accurate reproduction, and superb off-axis rejection. Includes integral windscreen and shock resistance.

Mfg. List \$399.95 Call For BSW Price
Options: Windscreen WS740

AUDIO TECHNICA



AT804 Omnidirectional Dynamic Mic

Features high output, smooth response, and low handling noise. Economical mic for interviews and sportscasting. All steel case makes it almost indestructible.

Mfg. List \$95.00 Call For BSW Price

AUDIO TECHNICA



ATM41HE Dynamic Hypercardioid Mic

"Hi-Energy" neodymium technology provides extended high frequency response and hotter output than conventional dynamics. Excellent vocal mic. Low handling noise.

Mfg. List \$208.00 Call For BSW Price

BEYER



M58 Omnidirectional Moving Coil Mic

Specifically designed to satisfy ENG and EFP applications. Its internal shockmount dramatically reduces handling noise. Accurate voice reproduction information with a very high degree of intelligibility. Frequency response 40 Hz to 20,000 Hz. Includes WS58 windscreen and zippered case.

Mfg. List \$229.95 Call For BSW Price

Microphones

ELECTRO-VOICE



RE27N/D Dynamic Cardioid Mic

A neodymium alloy magnet makes this mic a dynamic that rivals expensive studio condensers in sensitivity, output and clarity. The RE27N/D exhibits very consistent response no matter the distance from the mic with excellent off-axis rejection.

Mfg. List \$625.00 **Call For BSW Price**
Options: Windscreen WS87, Shock Mount 309

ELECTRO-VOICE



RE20 Dynamic Cardioid Mic

One of the most popular microphones used in broadcasting. The RE20 has a warm sound which will please the most discriminating announcers. Frequency response 45 Hz to 18,000 Hz. Output, -57 dB.

Mfg. List \$552.00 **Call For BSW Price**
Options: Windscreen WS1, Shock Mount 309

ELECTRO-VOICE



RE2000 Supercardioid Condenser Mic

The RE2000 features large diaphragm, side-fired format, RF-biasing, and switchable output level and provides wide-range, low-distortion performance with an uncolored natural character. Frequency response: 30 to 20,000 kHz.

Mfg. List \$1,000.00 **Call For BSW Price**



RE45N/D Shotgun Cardioid Mic

Specifically designed for hand-held use. The exclusive N/DYM™ dynamic element has the output level of a condenser microphone without need for battery or phantom power. Frequency response 50 to 15,000 Hz (close), 150 to 15,000 Hz (far). Output -50 dB. Includes: clip, case, windscreen, and shock handle

Mfg. List \$450.00 **Call For BSW Price**



RE38N/D Dynamic Cardioid

A 16-position equalization switch gives the RE38N/D great flexibility in obtaining the appropriate sound for any situation. This neodymium mic features DynaDamp™ vibration isolation eliminating the need for an external shock mount, and an adjustable mounting yoke for great mounting flexibility.

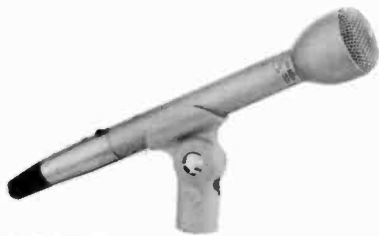
Mfg. List \$460.00 **Call For BSW Price**



ND357A Dynamic Cardioid Mic

Electro-Voice, the pioneers of neodymium mic technology have perfected their craft in the series of neodymium vocal and instrumental mics that includes the 357N/D. Its priced like other dynamics but features extended frequency response and higher output levels. Carries EV's unconditional guarantee.

Mfg. List \$216.00 **Call For BSW Price**



635A/RE50 Omnidirectional Dynamic Mic

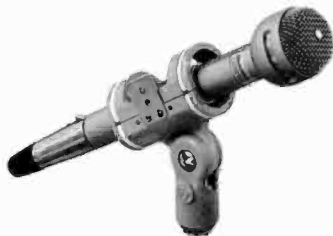
The 635A is our largest seller due to extreme durability and low cost. Frequency response 80 Hz to 13,000 Hz. Output, 55 dB. The RE50 adds a shock isolated enclosure and built-in blast filter. Also available in black.

635A Mfg. List \$145.00

RE50 Mfg. List \$217.00

Call For BSW Price

Options (635A): Windscreen 314E, Shock Mount 313A



RE15/RE16/RE11 Super Cardioid Dynamic Mics

These time tested mics feature wide, flat response and uniform super-cardioid pattern with minimal off-axis coloration.

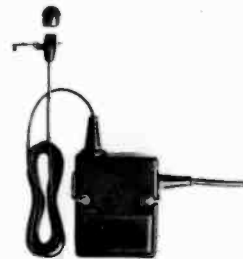
RE15 Mfg. List \$365.00

RE16 (RE15 With Blast Filter) Mfg. List \$384.00

RE11 (Similar To RE16) Mfg. List \$260.00

Call For BSW Price

Options: Windscreens 314, 379 Shock Mount 313A, 307



RE98 Miniature Condenser Omnidirectional Mic

This lavalier features low distortion, wide dynamic range, and highpass filtering to minimize low-frequency rumble. Uses standard 9-volt battery or phantom power. Includes tie-clip, windscreen, and carrying pouch.

Mfg. List \$284.00 **Call For BSW Price**

SENNHEISER



MD421U Dynamic Cardioid Mic

One of Sennheiser's most versatile and popular dynamic microphones. For on-air or production use, the MD421U is the natural choice for many stations. Frequency response 30 to 17,000 Hz.

Mfg. List \$439.00 Call For BSW Price
Options: Windscreen WS1, Shockmount TM3/311

SONY



ECM55B Omni-directional Lavalier Mic

One of the most popular lavalier microphones we sell. It can be powered by AA batteries or external power supply. Comes with mesh windscreen and holder clips.

Mfg. List \$309.00 Call For BSW Price

R.D. SYSTEMS



P650EPM Parabolic Mic

One of the most directional microphones ever produced; making it possible to record voices, sounds, practically anything—to professional standards without having the microphone near the subject being recorded. Includes handle and headphones for monitoring.

Mfg. List \$599.00 Call For BSW Price

SENNHEISER



ME80/K3U Short Shotgun Mic

Combination of supercardioid at low frequencies, and shotgun above 2,000 Hz. Excellent on-camera or hand-held interview mike for ENG/ EFP. Use with K3U power module. Frequency range 50-15,000 Hz.

ME80 Mfg. List \$259.00
K3U (Power Supply Module) Mfg. List \$210.00

Call For BSW Price

NEUMANN



TLM170 Multi-pattern Condenser Mic

Capable of handling sound pressure levels up to 140 dB with minimal distortion, with a dynamic range of 126 dB. Choose from: Omni, wide cardioid, cardioid, hypercardioid and figure-8. Equipped with a tiltable, elastically suspended mounting bracket.

Mfg. List \$2,295.00 Call For BSW Price
Options: Windscreen WS89

CROWN



SASS-P Stereo Mic

The Crown SASS-P or Stereo Ambient Sampling System™ is a patented, stereo condenser microphone system using PZM technology. The SASS uses two premium-quality Pressure Zone Microphones mounted on boundaries (with a foam barrier between them) to make each microphone directional.

Mfg. List \$899.00 Call For BSW Price

SENNHEISER



MKE2 Subminiature Omni Mic

Open, natural sound plus extremely small size make the MKE2 unique among its kind. Used by all major TV networks. Requires K3U power module (shown at left)

MKE2 Mfg. List \$285.00
K3U Mfg. List \$210.00

Call For BSW Price

NEUMANN



U89 Multi-pattern Condenser Mic

The U89 goes beyond the famous U87 with improved frequency response, 5 directional patterns, and a more rugged design making it more practical for control room use.

U891 Mfg. List \$2,195.00
U89Z (Includes Shock mount) Mfg. List \$2,295.00

Call For BSW Price

CROWN



SOUNDGRABBER Pressure Zone Mic

Crown PZM microphone technology in an inexpensive package. One Soundgrabber in the middle of the table can replace eight conventional microphones for recording. You can understand every word with amazing definition and detail. Comes with mini and 1/4" plug for direct recorder connection. Perfect for news departments.

Mfg. List \$99.00 Call For BSW Price

AUDIO TECHNICA



ATW1031/1032 Wireless Mic System

At the heart of ATW wireless systems is a sophisticated automatic diversity receiver. Two antennas, two complete, independent RF inputs, and a very sophisticated switching system eliminate multipath distortion and dropouts. Two isolated audio outputs permit simultaneous feeds to both unbalanced and balanced inputs. Choose from either a hand-held microphone or a body pack/lavalier transmitter. Transmitters may be operated up to 200 feet from receiver even in congested RF fields.

**System Prices Start At \$650.00 Mfg. List
Call For BSW Pricing And Specifications**

BEYER



TGX Wireless Mic System

This reliable, high performance, and cost effective system is available in two basic configurations. The hand held system incorporates the new TGX480 mic head with super cardioid pick-up characteristics. The MCE5 lavalier mic gives the body pack system wide frequency response, low noise, and superior intelligibility. Both systems include the NE170 true diversity receiver with balanced/unbalanced outs, adjustable gain, and mute sensitivity control.

**System Prices Start At \$1,349.95 Mfg. List
Call BSW For Configurations And Pricing**

SHURE



L SERIES Wireless Mic System

The L Series gives you a level of reliability and features unsurpassed in its price range. L Series systems are available in diversity and non-diversity versions and feature popular Shure microphone models that are perfectly matched to the system electronics.

**System Prices Start At \$360.00 Mfg. List For Non-Diversity Call
Toll-Free For Complete Specifications And Prices**

SAMSON



BROADCAST STD Wireless Mic System

This system features 10 selectable digitally-synthesized channels on both transmitter and receiver. Through the use of the BR3 level LED ladder you can visually scan all 10 channels to select the best channel for operation. Broadcast STD Series also provides improved state-of-the-art RF circuitry and utilizes dbx noise reduction to provide expanded dynamic range and the highest level of audio quality.

**System Prices Start At \$1,934.95 Mfg. List
Call For Pricing And Configuration**



STAGE II SERIES Wireless Mic System

Here is our most popular seller in budget priced wireless systems. The Samson Stage II Series offers superior VHF non-diversity wireless performance. dbx noise reduction assures high signal-to noise ratio and quiet reception. This system will operate under adverse RF environments and is stable at distances up to 250 feet. Choose from systems that feature different mic capsules in either hand-held or body pack transmitters.

**System Prices Start At Only \$289.00 Mfg. List
Call For Pricing And Configuration**



VLP SERIES Wireless Mic Systems

Our lowest priced wireless system is Samson's VLP Series wireless. Available in handheld or lavalier versions, these systems are great for short range applications.

**VLPHAND (Handheld) Mfg. List \$269.95
VLPLAV (Lavalier) Mfg. List \$219.95**

Call For BSW Price

TELEX



FMR100 SERIES Wireless Mic System

Choose a Telex FMR100 system when highest fidelity and faultless performance are a must. For lavalier applications the FMR100 receiver pairs up with a WT60 belt pack for super clean audio with a SNR of more than 104 dB. Or choose the WT80, one of the industry's smallest belt packs and one of several popular mic elements. Several handheld options are available. FMR 100 includes all the convenience features of the other Telex series and offers the highest possible audio performance.

**System Prices Based On Configuration
From \$900.00 Mfg. List Call For BSW Prices**



FMR70 SERIES Wireless Mic System

FMR70 Series wireless is a true diversity system with professional features in a compact, economical package. Special features include: squelch control, extensive LED display, mic gain adjustment, balanced XLR audio output, mic mute switch, and low battery test button.

**System Prices Based On Configuration
From \$595.00 Mfg. List Call For BSW Prices**



PROSTAR SERIES Wireless Mic System

Telex's most economical wireless system, ProStar is true diversity and is available in handheld and lavalier systems. Features: Permanently attached telescoping antennas (receiver) volumn and squelch controls, popless mic mute, mic gain control. Several handheld and lavalier mic element options available.

**System Prices Based On Configuration
From \$380.00 Mfg. List Call For BSW Prices**

VEGA



PRO2 SERIES Wireless Mic Systems

For years, Vega wireless microphones have been the yardstick by which the rest of the wireless industry is measured. Due to their outstanding reliability and superior performance they are the choice systems for broadcast and entertainment professionals. Choose from diversity or non-diversity receivers. Both feature Dynex II audio processing for exceptional audio performance and separate 10 segment LED displays for audio and RF signal strength.

The belt pack transmitter features an audio overload indicator, allowing easy maximization of usable dynamic range, while silent on/off mute switch permits you to turn off the mic without affecting the RF. Of course hand-held transmitters are available with a wide variety of mic capsules.

**System Prices Start At \$1,980.00 Mfg. List
Call Configurations And Pricing**

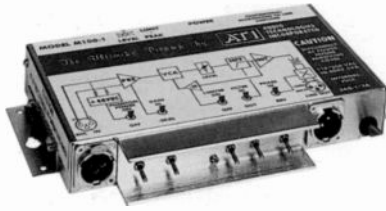


RANGER SERIES Wireless Mic Systems

Here is Vega's answer to competitively priced wireless systems without compromising audio performance. They offer a high signal-to-noise ratio and wide dynamic range by virtue of their exclusive CVX™ audio processing and offer smooth, clear, virtually noise-free audio performance. Ranger is available in both true-diversity and non-diversity configurations, and delivers exceptional RF performance through the transmitter's high radiated power and a sensitive, highly selective receiver. Ranger offers a wide variety of lavalier microphones and hand-held microphone elements, operates on crystal-controlled frequencies in the 169-216 MHz range, and comes with a three year warranty.

**System Prices Start At \$1,263.00 Mfg. List For Non-Diversity
Call For Configurations And Pricing**

ATI



ULTIMIKE M100 Microphone Preamplifier

Eliminate dimmer noise, RF pickup and hum loops by mounting this small, rugged, full featured preamp right near the audio source. The unusually quiet, direct balanced amplifier input has impressive hum and RF rejection and accepts +20 dBm maximum input. Features switchable and adjustable gain, limiter, lo-cut filter, 48 volt phantom power and a phase reversing switch. A unique output driver provides the many advantages of the true transformer isolation with no performance compromises. XLR in and out, dual rack mountable.

Mfg. List \$329.00

Call For BSW Price

SYMETRIX



SX202 Dual Mic Preamp

The SX202 features two ultra clean microphone preamplifiers with variable gain, 15 dB pad, +48 volt phantom powering, left, right, and left + right outputs.

Mfg. List \$299.00

Call For BSW Price

SHURE



FP11 Mic-to-Line Amplifier

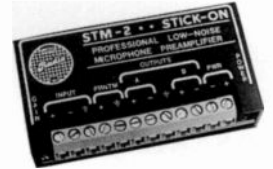
The FP11 is a portable, 1-input, 1-output microphone-to-line level amplifier designed for field production. It is ideal for use where long lines must be driven at higher than microphone or auxiliary levels. It can also be used to interface between equipment requiring different signal levels.

The balanced, locking XLR input and output provide for excellent rejection of hum and RF interference. A switchable peak limiter prevents output overload distortion. Additional features include a peak/limiter LED indicator, aux level mini-phone jack input, balanced line-level binding post output, and a removable belt clip. The FP11 is powered by one standard 9V battery.

Mfg. List \$275.00

Call For BSW Price

RADIO DESIGN LABS



STM1/STM2 Microphone Preamps

Ultra compact size makes these units ideal where larger or heavier preamps cannot be used. Both models feature Hi or Lo-Z, RF filtered inputs and balanced Hi or Lo-Z outputs. STM1 has a single fixed level output - STM2 has two variable level outputs. External phantom power can be supplied to mics through a designated supply input on both models.

STM1 Mfg. List \$81.95

STM2 Mfg. List \$114.95

Call For BSW Price

Call For BSW Price

WHIRLWIND



MICPOWER Phantom Power Supply

For use with most electret condenser microphones this unit supplies +12 to +18VDC under nominal loads at the microphone input. The output is AC coupled. Micpower operates on two 9 volt batteries for approximately 50 hours and includes a battery level LED.

Mfg. List \$61.55

Call For BSW Price

STEWART



PM1/PM2/PM4/PM6 Modular Phantom Power Systems

Models of one to six channels are available providing true 48v phantom power. Units feature individual regulation of each channel, short circuit protection, isolated outputs, and very low noise and cross talk. All models require the Stewart PS1 power supply module (300 mA at 24vDC from 110v AC) but models PM1, PM2, and PM4 can be combined to create a system of up to 12 channels using one PS1 power supply. PM6 is a six channel rack mount unit that comes with rack hardware.

PM1 w/PS1 Power Supply Mfg. List \$93.00

PM2 w/PS1 Power Supply Mfg. List \$138.00

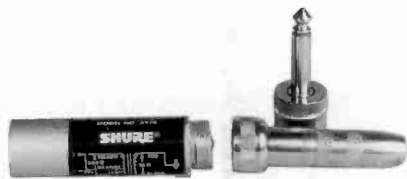
PM4 w/PS1 Power Supply Mfg. List \$171.00

PM6 w/PS1 Power Supply Mfg. List \$269.00

Call For BSW Price

PM1, PM2, And PM4 Available Without PS1

SHURE



A97A/F Line Matching Transformers

Matches low impedance (150 ohm to 600 ohm) microphone outputs to medium impedance (1k ohm to 10k ohm) inputs. Model A97A converts low-impedance XLR connector to medium-impedance standard 1/4" male and female phone connectors. Model A97F mates low-impedance XLR connector to medium-impedance short cable, terminated by a 9/64" diameter miniature phone plug.

A97A BSW Price \$33.30 A97F BSW Price \$37.50

EFXX

RTS321 3 Wire Adaptor



Five miniature slide switches provide 32 internal wiring schemes for the proper match of a 1/4" TRS connector and an XLR type connector.

BSW Price \$36.05

WHIRLWIND

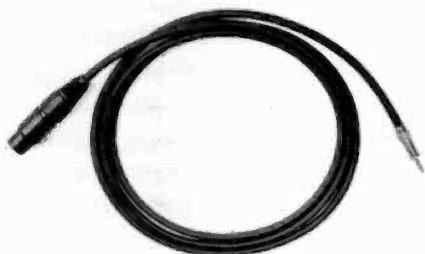
LITTLE IMP Mic Transformer



Impedance matching transformer XLR type low in to 1/4" high.

BSW Price \$11.10

BSW



M6FX/780P2H Interview Cable

This 6' adaptor cable allows the use of pro level mics with Marantz portable field recorders. Female XLR to 1/8" mini plug.

BSW Price \$14.00

NEUTRIK

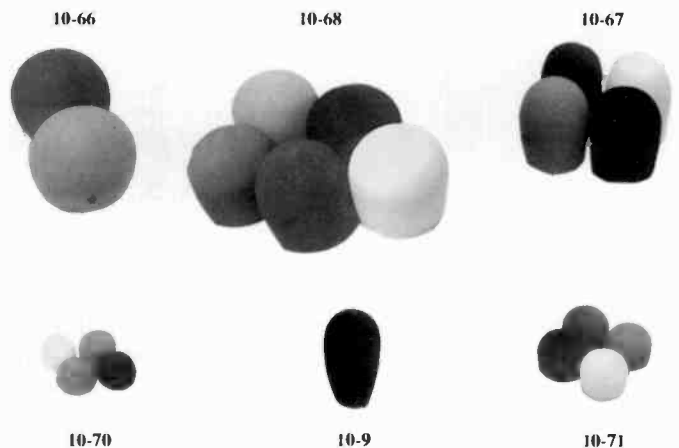


Audio Connectors

When it comes to quality connectors, choose Neutrik. More than 15 million have been sold over the last 10 years. Easy to disassemble and reassemble. Built-in strain relief system that insures your connection will remain solid under adverse conditions.

Call For Pricing On Specific Connectors

BSW



Universal Multi-Color Windscreen Sets

Block out unwanted pop, wind, noise and close talking hiss. Made from special soft cut foam, decorative in design. These multicolor screens add beauty to your microphones as well as identify them so no mix up will occur when more than one microphone is used.

- 10-9** 2 3/4" high screen, fits slim models from 3/4" to 1 1/8", black
BSW Price \$2.00
- 10-66** Contains two 2 3/8" high screens, fits 1 3/4" to 2" diameter mics, 1-red, 1-blue.
BSW Price \$6.60
- 10-67** Contains four 2 3/4" high screens, fits 1 3/4" diameter mics, 1 each: red, blue, yellow, black.
BSW Price \$8.15
- 10-68** Contains five screens 2 3/8" high for spherical head mics with 1 3/4" to 2" diameter. 1 each: red, blue, yellow, green, black.
BSW Price \$19.85
- 10-69** Contains four 7/8" high screens, fits 1/4" to 1/2" diameter lavalier type mics. 1 each: red, black, yellow, green.
BSW Price \$6.15
- 10-70** Contains four 1 1/8" high screens, fits 3/4" to 1" diameter mics. 1 each: red, black, yellow, green.
BSW Price \$7.50
- 10-71** Contains four 1 1/2" high screens, fits 7/8" to 1 1/8" spherical head mics. 1 each: red, black, yellow, green.
BSW Price \$7.65

RAXXESS



STOP5 Studio Pop Filter

Get maximum protection against P-popping without sound coloration. Order with KM237 clamp and GN13 gooseneck to mount to your studio mic arm.

Mfg. List \$19.95

Call For BSW Price

Microphone / Accessories

LUXO



A.



B.



C.



D.



E. F. G.

Mounting Brackets For Booms

A. Clamp Mount

B. Wall Mount

C. Desk Mount

A.- B.- or C.

Your Choice \$10.50 ea.

D. PRO-BRACKET 12" aluminum pedestal.

Colors: grey, oyster, black and silver.

BSW Price \$24.95

E. LM1-3 41" reach heavy duty model for up

to 3 lb. microphones. Oyster or

black color.

F. LM1 41" reach, for 1 lb. microphone. Oyster or black color.

GLM2 26" reach, for 1 lb. microphone. Grey color.

E.-F.- or G.

BSW Price \$61.00

E.- F.- or G. With 12" Pedestal Pro-Bracket

BSW Price \$75.00



H.



I.



J.



K.



L.



M.



N.

ATLAS

H. DS2 Vibration Isolating Stand

Non-adjustable 3" high chrome tube. Non-reflective 4"x 6" charcoal base.

BSW Price \$24.40

I. DS5 General Purpose Stand

Non-adjustable 4" high chrome tube. 6" diameter cast iron charcoal base.

BSW Price \$12.20

J. DS7 Adjustable Desk Stand

Chrome tube assembly, adjustable height 8" to 13". Grip-action clutch. 6" diameter charcoal base. Black or silver.

BSW Price \$16.80

K. PB10X Microphone Boom

Die-cast swivel, tapered counterweight, coordinated hardware. Attaches to any microphone stand terminating in 5/8" diameter tubing or adapter. Grip action clutch. Expandable from 31" to 50". Black or silver.

BSW Price \$39.65

L. MS12C General Purpose Stand

Grip-action clutch. Low-profile charcoal base with added weight for extra stability. Our best seller. Black or silver.

BSW Price \$33.25

QUIK LOK

M. A114 Telescopic Desk Stand

Heavy duty, with handy pivot feature. Allows optimum placement of even heavy studio mics. Adjustable from 16.5" to 23.5". Chrome only.

BSW Price \$37.50

N. A105 Tripod Floor Stand/Boom

A105 is a lightweight economy stand, available in black, white, blue, red, and chrome. High quality collapsible construction, adjustable from 39" and 67"H.

BSW Price \$39.95

NEUMANN



NEUMANN Microphone Cable

Neumann, the quality mic manufacturer, also makes some of the finest mic cable available. This cable is extremely durable and flexible and BSW has both bulk lengths and pre-made individual cables in a variety of colors and sizes.

Call Us With Your Requirements

PROCABLE



M10/M25 Microphone Cable

High quality, low loss mic cable featuring Neutrik XLR connectors. Black cable is flexible without a memory.

M10 (10') Mfg. List \$22.95 Call For BSW Price

M25 (25') Mfg. List \$29.95 Call For BSW Price

BSW



CORDLOX

Handy cable ties that secure your coiled cables so you don't end up with piles of tangled cables to untie. Send them with remote crews to organize their cables and help prolong cable life.

307-0 Package Of 10 BSW Price \$18.00

GORMAN - REDLICH



**CEB
EBS Monitor**

This low cost unit exceeds FCC specifications for EBS requirements and offers uncompromising quality and performance.

Features:

- Encoder FCC type accepted • Decoder FCC certified • Provision for remote operation • Programming loop through standard in encoder
- Decoder demutes monitor receiver/and or activates auxiliary alarm
- Decoder can be self-tested • Requires outboard tuner

Mfg. List \$540.00

Call For BSW Price



**CRW
Weather Alert Monitor**

Receive accurate local weather, plus emergency alert messages, weather radar data or marine information. Automatic warning for severe weather or civil defense emergency.

Mfg. List \$540.00

Call For BSW Price

MTS



**3000C
EBS/Weather Monitor**

System 3000C incorporates three monitor receivers, and an EBS encoder/decoder into a single rackspace unit. System 3000A can monitor your areas CPCS1, CPCS2, and the local NOAA weather service. Or it can monitor your CPCS1, CPCS2, and an adjacent area CPCS1. Or with 2 or more systems you can monitor EBS and NOAA services over a large area thereby offering your community the best information and protection available.

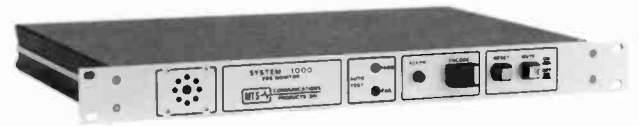
Additional features include:

- Three channel scan • Continuous automatic self test • Manual or automatic operation • Program audio loop through • NOAA priority alert decoder • Optional NOAA weather service receiver • Left and right channel outputs • Remote operation • Built-in monitor speaker

Mfg. List \$1,900.00

Call For BSW Price

MTS



**SYSTEM 1000
EBS System**

This single rack space unit covers all your EBS requirements with EBS encoder, decoder, and receiver built in.

Features:

- Continuous automatic self test • Full program audio loop through
- Digital remote control access • Stereo outputs • Independent encoder output • Alarm relay • Hi-Z RX monitor port

Mfg. List \$899.00

Call For BSW Price

TFT



**886/887
EBS Monitor**

The AM receiver, Model 886, and the FM receiver, Model 887, are tunable for their entire respective broadcast bands via front panel push button selectors. Both receivers have built-in two tone decoders for the 853 Hz and 960 Hz EBS signalling tones. Two 2-digit LED displays on the front panels of the receivers show the number of days, up to twelve, since EBS test transmissions were last received and/or sent to help avoid FCC citations.

886 Mfg. List \$2,150.00

Call For BSW Price

887 Mfg. List \$2,075.00

Call For BSW Price

***Don't Panic . . . We're
Still Open***

With Extended Hours And
West Coast Location, BSW
Offers The Nations Longest
Daily Service!

9AM-9PM Eastern 6AM-6PM Pacific

BELAR



FMMA1 WIZARD™ Digital FM Modulation Analyzer

Controlled by a sophisticated microprocessor, the Wizard™ can tell you just about everything you ever wanted to know about your FM signal - using parameters that you configure, either from the front panel or remotely. Major Features: Digital reading of peak modulation (% and kHz deviation) with variable hold time (instant to 10 seconds) and highest peak display • Adjustable peak modulation indicator from 0% to 200% modulation, in 0.5% increments • Adjustable peak per minute (PPM) alarm - from 1 PPM to 100 PPM, in 1 PPM increments • Adjustable PPM duration window from 5ms to 10 seconds • Eight different peak weighting time constants • Actual PPM count, averaged over a sliding 1 minute window • Built-in, configurable loss-of-program alarm

The Wizard is shown above with the RFA4 frequency agile FM RF amplifier that allows direct dialing selection of any FM frequency with 10 presets.

FMMA1 Mfg. List \$3,300.00

Call For BSW Price

RFA4 Mfg. List \$990.00

Call For BSW Price



AMM2B AM Modulation Monitor

Features: Separate 100% negative peak and 125% positive peak modulation indicator lamps that are independent of carrier level • Adjustable peak modulation indicator, 40 to 130% in less than 1% increments, independent of carrier level • True peak-reading modulation meter • Built-in carrier-off alarm • Built-in modulation calibrator

Mfg. List \$1,390.00

Call For BSW Price



FMM2 FM Modulation Monitor

The heart of the FMM2 is an ultra-linear digital discriminator which provides a distortionless baseband signal for accurate monitoring as well as precise stereophonic, and SCA decoding. FMM2 required with FMS2 or SCM1.

FMM2 Mono Modulation Monitor Mfg. List \$1,690.00

FMS2 Stereo Modulation Monitor Mfg. List \$1,890.00

SCM1 Subcarrier Modulation Monitor Mfg. List \$1,695.00

Call For BSW Price

DELTA



SM1 AM Splatter Monitor

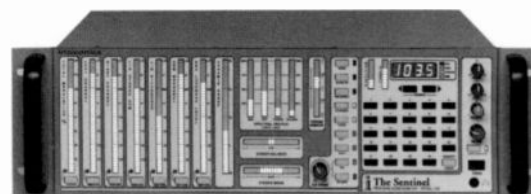
Now you can use the same tool that the FCC uses to measure your station(s)' compliance with NRSC and FCC regulations and requirements. It's inexpensive and easy to use and interpret results.

SM1 Mfg. List \$2,700.00

AWA1 Active Whip Antenna Mfg. List \$525.00

Call For BSW Price

INOVONICS



550 THE SENTINEL Program Audio Monitor

The Sentinel incorporates sophisticated and comprehensive program audio diagnostics of the received signal. It offers calibrated bargraph readouts of total modulation, L, R, L-R, loudness, dynamic range, spectral profile, program symmetry, stereo balance, and stereo image. Yet this high performance audio monitor receiver is not just for engineers! With its 24 station presets and easily interpreted bargraph readouts, non-technical personnel can rapidly evaluate their station's audio performance and compare it with other stations in their market. Sentinel receives NRSC-AM, C-QUAM® AM-Stereo, FM and FMX®, analog and digital SCA/RDS subcarriers.

Mfg. List \$5,995.00

Call For BSW Price

MODULATION SCIENCES



MODMINDER FM Modulation Monitor

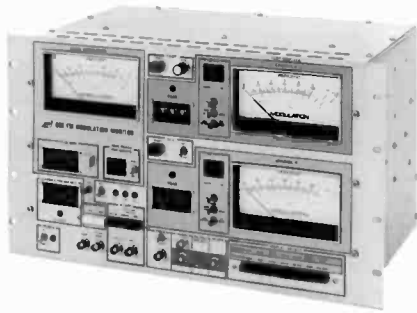
Increase modulation with less processing, and still stay within FCC limits. ModMinder™ gives you more accurate measurement of modulation in accordance with the most recent FCC standard. FM ModMinder™ registers only those longer "events" that the FCC really cares about. The end result is you may be able to boost your modulation up to 3 dB depending on the type of processing you use. ModMinder™ works with any stereo-capable demodulator or can be purchased with an internal demodulator.

MODMINDER Mfg. List \$2,395.00

FMMM2 ModMinder W/Demodulator Mfg. List \$3,090.00

Call For BSW Price

QEI



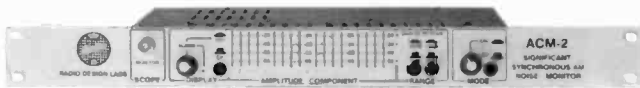
691/01 FM Modulation Monitor/Test Set

The 691/01 is a highly technical, precision instrument employing a combination of test techniques in a versatile, but very compact package. It was designed to be a complete FM test package with facilities for all proof-of-performance measurements and a wide range of trouble-shooting tests. Operator convenience and simplicity of use were primary considerations in the design of the 691. 18 tests can be performed in addition to measuring FM and SCA modulation when used with an oscilloscope.

Mfg. List \$6,675.00

Call For BSW Price

RADIO DESIGN LABS



ACM2 Amplitude Component Monitor

The ACM2 is a precise AM noise meter which connects to the RF sample on an FM transmitter. A digital string display with 20 dB of range displays AM noise for precise transmitter tuning. It interfaces with any remote control for continuous indication of AM noise. An adjustable alarm threshold can signal the station operator when AM noise has increased beyond a pre-determined level. The nature of AM noise measured can be examined by the engineer with the oscilloscope output. Audio and data outputs are provided, as well as a new remote control output that shows transmitter forward power.

Mfg. List \$695.00

Call For BSW Price

SENTRY SYSTEMS



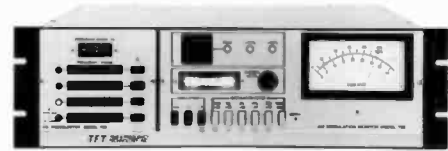
AIR SENTRY II Audio Signal Monitor

The Air Sentry is designed to constantly monitor the presence of an audio signal to energize a relay when the audio is absent. Activation of the relay is front panel adjustable from 4 to 20 seconds. Air Sentry can monitor any stereo or mono audio source such as audio from AM/FM tuner, TV receiver, or modulation monitor.

Mfg. List \$295.00

Call For BSW Price

TFT



753/755A AM Modulation Monitor/Preselector

In today's competitive AM markets, you need to deliver a strong signal to the widest possible area. But, transmitter power alone isn't enough. You also need all the modulation you can legally achieve. That's the basic purpose behind the TFT Model 753 AM Modulation Monitor. Not only does it make extremely accurate proof-of-performance measurements, but more importantly, it allows you to monitor your transmitter so precisely that you can modulate it to the maximum legal limits in absolute confidence. The optional 755A preselector module allows you to monitor your own, or a competitor's signal off-air.

753 Mfg. List \$1,760.00

Call For BSW Price

755A Mfg. List \$1,850.00

Call For BSW Price



844A FM/Stereo Modulation Monitor

You get everything you need for complete proof-of-performance measurements (for distortion, an external analyzer is needed) right on the front panels, plus accuracy, versatility and convenience no other monitors can match. The 844A FM Monitor combines a tunable RF preselector, a baseband monitor and a stereo monitor in one compact instrument. State-of-the-art design includes the use of linear phase filters, large scale integrated circuits (LSI) and toroidal power transformers to reduce hum and power line noise. Modular PC cards make service and routine calibrations easy.

Mfg. List \$5,150.00

Call For BSW Price



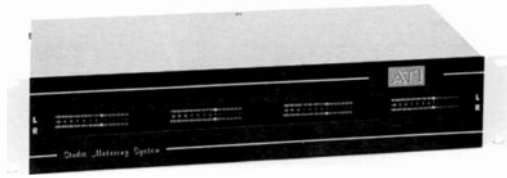
884 FM Stereo Modulation Monitor

A cost effective alternative to TFT's popular Model 844A. The 884 allows you to maximize modulation levels while maintaining the highest signal quality. The 884 can be used for transmitter Proof-Of-Performance measurements (with a 40 dB attenuator inserted before the antenna input), or at the studio for off-air monitoring. The frequency synthesized pre-selector can be used to select your own station's signal or the signal of another station for easy and convenient comparison.

Mfg. List \$3,765.00

Call For BSW Price

ATI



VU800 VU Metering System

Know at a glance where your signals are (or are not). Expandable ATI MicroMeters display one, two, three or four stereo lines (eight channels) on bright, two-color vacuum fluorescent bar-graph indicators. Balanced, bridging inputs are switchable for 0 VU at -10, +4, and +8 dBm line levels. Displays -20 to +8 VU with peaks stored for several seconds. Backlit, compact 3 1/2" rack mount.

Mfg. List \$1,249.00 Smaller Versions Available
Call For BSW Price

DORROUGH



40A Loudness Monitor

Dorrough loudness monitors display, in an easy to read format, the actual energy content of the program material while still indicating peak amplitude by displaying both peak and average on the same scale. They allow the operator to adjust all program material for equal perceived loudness while protecting the peak waveform. One Dorrough meter gives you more usable information than any combination of peak hold, VU, and PPM indicators. 40 LEDs in a single scale offer maximum accuracy in signal monitoring.

Mfg. List \$475.00 Call For BSW Price

SYMETRIX



SX205 Precision Audio Meter

To extract the full performance from analog or digital systems, precision metering is essential. The SX205 is convenient, cost effective, and fits the bill perfectly. This precision digital meter is a microprocessor controlled, two channel level display that measures both voltage (VU) and power (watts across 2, 4, or 8 ohms). Each channel can display average level or peak level, both with adjustable peak hold (zero to infinity). SX205's intelligent display driver allows bargraph or dot format to be selected. A 1000 Hz sine wave calibration oscillator is included in this half rack-width unit.

Mfg. List \$339.00 Call For BSW Price

CARVER



PSB11 AM/FM Stereo Tuner

This unit is the successor of the popular TX11B. New rack mountable front panel and improved AM stereo specs make this even more broadcast ready. Features include: Ultra-high performance FM detection circuit for dramatically reduced multipath and noise • 13 AM/FM presets • Preset scan • Best AM stereo specs in the industry (full 20-15 kHz frequency response (+/-0.3 dB) • 0.05% THD @ 1 kHz for FM tuner section

Mfg. List \$799.95 Call For BSW Price



TX10 AM/FM Tuner

For an accurate tuner without the frills found in more expensive tuners, take a look at the Carver TX10. Features include: 20 AM/FM presets, auto/manual tuning, and LED signal strength meter.

Mfg. List \$299.95 Call For BSW Price

DENON



TU660 AM/FM Receiver

This NRSC compatible receiver offers excellent AM and FM reception and 30 station presets (allows intermixing AM and FM). The AM section features switchable audio bandwidth and the FM section has MPX-NR and switchable wide/narrow IF bandwidth.

Mfg. List \$330.00 Call For BSW Price

SOUNDCRAFTSMEN



PROTUNER 4 AM/FM Stereo Digital Tuner

Soundcraftsmen's advanced technology incorporates sophisticated frequency synthesized tuning with a highly stable quartz crystal oscillator that locks into the broadcast signal and makes station selections precise and drift-free. A 16-station microcomputer memory system, coupled with two-way automatic scanning, provides incredibly simple programming station selection. Rack mountable.

Mfg. List \$379.00 Call For BSW Price

EMERSON

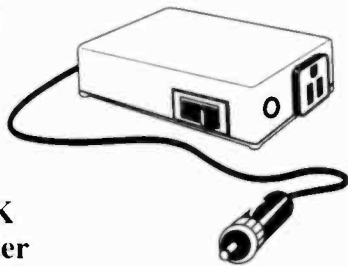


Uninterruptible Power Systems

Computers and microprocessors are becoming increasingly important to radio station operations. Yet a single disturbance on the power line can erase massive amounts of data. The resulting time and productivity loss could be catastrophic. An uninterruptible power system (UPS) from Emerson will allow you to avoid these types of problems. In the event of a total power outage, self contained batteries allow time to save data and exit the current program. The Status Connector allows for automatic software shutdown for unattended systems.

Call For Pricing And Specifications

CELLABS



POWERJACK DC/AC Inverter

Cellabs offers an easy way to get AC power in the field. Powerjack provides 115VAC, 60 Hz power to equipment drawing up to 100 watts (continuous). Simply plug the Powerjack into a cigarette lighter jack and you're on-line with continuous power.

Mfg. List \$195.00

Call For BSW Price

SCI



6T Surge/Transient Suppressor

Don't let lightning destroy your equipment. Protect it with a 6T surge/transient suppressor from Sine Control. These suppressors will protect your equipment from lightning damage, while filtering out lower voltage spikes that reduce the effective life of your equipment. Handles 60,000 surge Amps min.

1240VF2-6T (120/240 Single Phase) Mfg. List \$1,350.00

Call For BSW Price

INNOVATIVE TECHNOLOGIES



PROTECTOR SERIES

The Protector is a passive unit utilizing the most up-to-date electrochemical technology to protect AC service panels up to 2000 amps. This space saving device is easy to install and mounts directly to the service panel. PROTECTOR not only saves your equipment from serious transients like lightning strikes, it also protects against smaller surges that happen more frequently and break down the effective life of your equipment.

Call For Pricing And Specifications



EQ2 EQUALIZER Surge, Spike, And Noise Suppressor

The Equalizer uses a 2-stage solid state suppression network to dissipates large spikes and surges that would destroy other surge suppressors. Includes complete EMI/RFI noise filtering.

EQ2 BSW Price \$65.00 (2 Outlet Unit With EMI/RFI)

EQ2RJ11 BSW Price \$95.00 (2 Outlet Unit With EMI/RFI And RJ11 Jacks For FAX, Telephone, Or Modem Protection)

ONE POWER



PD-15A/VR-20A Rackmount Power Distribution Systems

For clean, protected power for the equipment in your racks choose OnePower. The VR-20A (pictured above) is a 20-amp voltage regulator in a 2 rack space chassis. The VR-20A has 16 outputs on the back with a work light connector and an input voltage meter on the front. The PD15-A is a 15 amp, 1RU power distribution unit with 11 power outputs on the back. It also features high quality spike protection and EMI/RFI filtration, and a front pannel BNC connector for a gooseneck work light.

VR-20A Mfg. List \$615.00

Call For BSW Price

PD-15A Mfg. List \$150.00

Call For BSW Price

Reel To Reel Machines

OTARI



5050 SERIES 2, 4, & 8 Channel Recorders

The new generation Otari MX5050 series allows the audio professional to select exactly the right machine for his or her application from a complete range of compact audio recorders. Models include the new MX5050BIII two track, BQIII 4 track, three overhead meter style machines - The MKIV-2 two track, MKIV-4 four track, and MKIV-8 eight track.

All models include the following features: Three-head design • Transformerless balanced inputs and outputs • Front panel record electronics with built-in test oscillator • Gapless, seamless, punch-in/punch-out (on BQIII, MKIV-4, and MKIV-8 only) • Dump edit and cue modes • Reel size selector for take-up and supply reels • Servo controlled direct drive motor • Microprocessor controlled tape handling with dynamic breaking • Built-in mini auto locator with 3 cue point memory, search to zero, and repeat function • Microphone and line mixing on each channel • Tape timer display shows Hrs/Min/Sec as well as tape speed in IPS and % of tape speed • Pitch control (+-20% in .01% steps) • Time code editing with external synchronizer via 37 pin parallel interface • Extremely rugged construction

Available options: Autolocaters CB119, CB120 • Remote controllers CB127, CB144 (MKIV-8) • Synchronizer EC102 • Roll-around stand ZA52L • Rack mount kit (for upright models) RK2B

MX5050BIII Mfg. List \$3,295.00

MX5050BQIII Mfg. List \$5,160.00

MX5050MKIV-2 Mfg. List \$4,295.00

MX5050MKIV-4 Mfg. List \$5,995.00

MX5050MKIV-8 Mfg. List \$6,295.00

Call For BSW Prices

PRORAX

PO100 Table Top Console

An attractive, rugged, economical table top console to accommodate your MX5050BII/III. Replaces the two side panels of your Otari. Installation is a breeze using existing screws.

BSW Price \$89.95



OTARI



MX55 2-Channel Recorder

Loaded with features, the MX55 was designed for fast paced production and mastering applications. Features: DC-servo capstan motor allows +20% vari-speed • Inputs and outputs are transformerless active balanced • LED tape timer with accurate return-to-zero and 3 cue memory points • Concealed front panel audio adjustments • Built-in cue speaker and headphone amplifier • Extra 1/4 track reproduce head

MX55N Mfg. List \$4,295.00

Call For BSW Price

MX55NM Mfg. List \$5,495.00

Call For BSW Price

(Same As Above With Meterbridge Console)



MX50IIN 2-Channel Recorder

The Otari 2-track for facilities on a limited budget. Durable transport features DC-servo capstan motor with vari-speed of +7%. Five digit tape timer has return-to-zero and search-to-cue for quick location of desired cue point. Speeds are selectable in pairs of 15/7.5 or 7.5/3.75 ips. Inputs and outputs are transformerless active balanced and have XLR connectors.

Mfg. List \$2,595.00

Call For BSW Price



ARS1000DC 2-Channel Reproducer

1/4" 2-channel, half-track reproducer with 25 Hz tone sensor, end-of-message and cuetone relays with adjustable delay (100 ms to 15s), 7.5/3.75 ips speeds, 19" rack mount. Designed for automated broadcast systems and other high-reliability reproduce only applications. 15/7.5 ips available on special order.

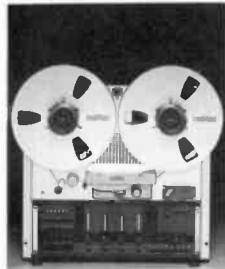
Mfg. List \$2,250.00

Call For BSW Price

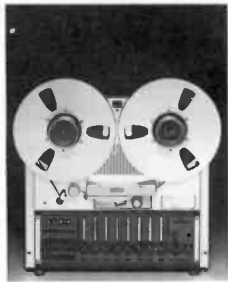
REVOX



C270



C274



C278

C270 SERIES 2, 4, & 8 Channel Recorders

The C270 Series, for the professional user who requires superior audio quality combined with overall value, and the features and capabilities that professionals need.

The 2, 4, and 8-channel machines all have 3 tape speeds 3 3/4, 7 1/2, and 15 ips—any pair of which can be selected and quickly changed in the field. The 4- and 8-channel recorders also come in low speed versions, especially suited for logging applications, with speeds of 15/32, 15/16 and 1 7/8 ips. Constant tape tension on both spooling motors, one-hand servo controlled cueing, built-in varispeed (33% to +50%), an integral scrape-flutter filter in the head assembly and a true autolocator with zero, address and search locate functions allowing for precise search-to-cue are just a few of the features standard in the C270 Series.

Professional Audio Electronics

Dolby HX Pro® Headroom Extension and proprietary phase compensated audio electronics, seamless and gapless punch-in and punch-out, plug-in EQ cards for easy service and speed conversion, plus superior audio performance are standard features on every machine.

Rugged Quality, Easy To Maintain

The C270 has full modular audio electronics—all front accessible, even in rack-mount configuration—and a rugged die-cast deckplate, head assembly and chassis. In addition to the features and capabilities standard on every recorder in the C270 Series, the 4 and 8-channel machines have these special capabilities: Internal logging time and date code generator and reader capable of searching and locating to any time directly • LED bar graph meters that read both peak and VU program levels simultaneously • Auto reverse playback mode allowing continuous playback in both directions of pre-recorded 1/4-track stereo tapes (on C274 4-channel machine only)

• SMPTE time code capability

C270 (1/4" - Two Channel) Mfg. List \$3,995.00

C274 (1/4" - Four Channel) Mfg. List \$4,995.00

C278 (1/2" - Eight Channel) Mfg. List \$5,995.00

Call For BSW Prices

REVOX



PR99MKIII 2-Channel Recorder

True to the Studer Revox tradition, the PR99 has always offered a great combination of features, price and long term service. The sturdy die cast deck plate offers durability while autolocating functions make production or on-air work a breeze. The front panel layout facilitates easy operation. (Unit has rack mounting flanges standard. Shown above with optional wood side panels.)

Mfg. List \$3,495.00

Call For BSW Price

TASCAM



BR20 2-Channel Recorder

Designed with professional use in mind, the BR20 packs outstanding performance and features into a compact, exceptionally easy-to-use recorder. Standard features include: Balanced +4 dBm inputs and outputs • Front panel audio calibration controls • Precision tension servo controlled transport for exceptionally smooth operation • Switchable 15/7.5 ips tape speed (optional 7.5/3.75 speed available) • Accurate real-time tape counter with 3 presettable locate points and zero locate • Dump edit, manual edit, stop edit, and quick cue modes • Independent L/R reel size selectors • Built in rack mounting • Center track time code and gapless, seamless punch-in/out (on BR20T) • Much more!

BR20 Mfg. List \$2,399.00

Call For BSW Price

BR20T Mfg. List \$2,999.00

Call For BSW Price



32 2-Channel Recorder

The cost effective model 32 offers independent left-right recording, pitch control, dump edit, NAB equalization, and 10 1/2" reel capacity. Sync mode allows over-dub recording with full frequency response. Rack mount is available as an option.

32 Mfg. List \$1,749.00

Call For BSW Price

34B (1/4" 4-Track) Mfg. List \$2,199.00

Call For BSW Price

TASCAM



TSR8 8-Channel Recorder

This compact 8-track recorder offers the highest sound quality on a 1/2" tape format. Features include: external sync capability, built-in dbx type-1 noise reduction, automatic, gapless punch-in/out with rehearsal, real-time tape counter and 3-point auto locator, dump edit, manual edit, spot erase and much more. (Options: remote control RC408, rack kit RM408)

Mfg. List \$3,499.00

Call For BSW Price



MSR16 16-Channel Recorder

This 16-track recorder incorporates the most advanced Tascam technology and a wide range of versatile control features. dbx type-1 noise reduction is built in, providing quiet performance. Auto punch-in/out makes recording smoother and easier than ever, while specially designed circuitry offers gapless and noiseless punch-in/out. The transport offers switchable tape speeds (15/7.5 IPS), and can be externally controlled. (Optional remote control RC416)

Mfg. List \$7,499.00

Call For BSW Price



22-2 2-Channel Recorder

The Tascam 22-2 is a great reel to reel recorder for use where large reels are not needed. Quality electronics and great tape handling. Features: 1/2 track record/playback • 7 inch reel capacity • 7 1/2"-15 ips • Remote pause function • NAB equalization • Rack mount available (RM22)

Mfg. List \$1,099.00

Call For BSW Price

Get The Most Out Of Your Reel-To-Reel

Here are some important accessory items that you will want to consider when ordering a reel-to-reel machine.

- Roll Around Racks Pages 98 & 102
- Head Care/Alignment Page 76
- Splicing Supplies Page 76
- Noise Reduction Page 18

How BSW Adds Value To Your Purchase

• *Same Day Shipping*

Place an order before 12 noon Pacific time (3:00 Eastern time) and all stock items will ship that same day or we will pay the freight. Nobody else can respond as quickly as BSW when it comes to shipping your order. Saving time saves you money!

• *Personal Attention*

BSW's sales staff works out of one office and is ready to expertly assist you with the purchase of a single item or equipment for an entire station. Whether you need the assistance of a particular salesman or need to place a last minute order, you can rest assured that you will get prompt, personal attention.

• *After Sale Support*

When the sale is done, BSW isn't. We've been in business for nearly 20 years and we're here to stay. Our liberal return policy, in-house technical expertise, and sterling working relationship with hundreds of manufacturers assures the highest quality service available after you've purchased your equipment.

AMPEX



456 Audio Mastering Tape

When you demand high output, minimal distortion, and consistent audio quality choose 456 Grand Master from Ampex. 456 is tested and inspected over 150 times during the manufacturing process.

Model	Description	Price Ea.	Price Ea.
45617611T 1/4" x 2500'	10 1/2" pancake	(1-9) \$14.50	(10+) \$12.60
456151111 1/4" x 1200'	7" plastic reel	(1-39) \$10.00	(40+) \$8.70
45617311J 1/4" x 2500'	10 1/2" metal reel	(1-9) \$26.50	(10+) \$23.00

406/407 Audio Mastering Tape

High performance is essential for mastering. The oxides for 406, 407 are specially selected to provide high signal-to-noise ratio, high head room and low distortion.

Model	Description	Price Ea.	Price Ea.
40617613T 1/4" x 2500'	10 1/2" pancake	(1-9) \$11.70	(10+) \$10.10
406151131 1/4" x 1200'	7" plastic reel	(1-39) \$8.40	(40+) \$7.30
40617313J 1/4" x 2500'	10 1/2" metal reel	(1-9) \$21.65	(10+) \$18.80
40717613T 1/4" x 3600'	10 1/2" pancake	(1-9) \$18.50	(10+) \$16.20
407151131 1/4" x 1800'	7" plastic reel	(1-39) \$11.05	(40+) \$9.60
40717313J 1/4" x 3600'	10 1/2" metal reel	(1-9) \$29.35	(10+) \$25.40

632/642 Audio Mastering Tape

The extra low noise/ high output formulation of Ampex 632/642 tapes provides enhanced performance capabilities over that obtainable from standard output tapes. A better signal-to-noise ratio provides quieter tape background levels, as well as a higher output level.

Model	Description	Price Ea.	Price Ea.
632131111 1/4" x 600'	5" plastic reel	(1-39) \$3.90	(40+) \$3.40
632151111 1/4" x 1200'	7" plastic reel	(1-39) \$5.90	(40+) \$5.15
632173111 1/4" x 2500'	10 1/2" metal reel	(1-9) \$19.60	(10+) \$17.00
642131111 1/4" x 900'	5" plastic reel	(1-39) \$4.90	(40+) \$4.25
642151111 1/4" x 1800'	7" plastic reel	(1-39) \$8.10	(40+) \$7.00
642173111 1/4" x 3600'	10 1/2" metal reel	(1-9) \$23.90	(10+) \$20.50

Empty Reels And Boxes

Plastic Reels	BSW Prices
5464 5" with NAB Center	.65 ea.
5196 5" with EIE Center	.50 ea.
5231 7" with EIE Center	.90 ea.
6284 10 1/2" with NAB Center	\$3.50
5908 10 1/2" with EIE Center	\$5.45

Metal Reels	BSW Price
6393T600 10 1/2" with NAB Center (includes Box)	\$10.95

Empty Boxes	BSW Prices
605 5" Empty Box	.45 ea.
607 7" Empty Box	.45 ea.
630 10 1/2" Empty Box	\$1.10



3M



996 Audio Mastering Tape

996 outperforms any other mastering tape on the market with 3 dB greater output level and 3 dB less print through and noise when biased properly. Capable of recording at +9 dB, suggested operating level is +6 dB. Comes in new TapeCare™ Library Box for maximum tape protection.

Model	Description	Price Ea.	Price Ea.
9961425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$12.70	(12+) \$11.80
9961412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.90	(20+) \$8.10
9961425RD 1/4" x 2500'	10 1/2" metal reel	(1-11) \$23.50	(12+) \$21.50

250 Audio Mastering Tape

3M 250 offers wide dynamic range and great overall signal-to-noise ratio. 1.5 mil. thickness.

Model	Description	Price Ea.	Price Ea.
2501425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$12.20	(12+) \$11.30
2501412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.40	(20+) \$7.80
2501425RD 1/4" x 2500'	10 1/2" metal reel	(1-11) \$22.30	(12+) \$20.70

226 Audio Mastering Tape

226 Audio Mastering Tape provides versatility for outstanding all around performance. Its unique oxide dispersion significantly reduces print-through without any sacrifice in signal-to-noise. 227 Mastering tape is a one mil. version for remote and extended recording applications

Model	Description	Price Ea.	Price Ea.
2261425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$11.50	(12+) \$10.60
2261412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$8.10	(20+) \$7.50
2261425RN 1/4" x 2500'	10 1/2" metal reel	(1-11) \$21.00	(12+) \$19.50
2271436HPB 1/4" x 3600'	10 1/2" pancake	(1-11) \$21.60	(12+) \$20.10
2271418PR7 1/4" x 1800'	7" plastic reel	(1-19) \$12.50	(20+) \$11.60
2271436RN 1/4" x 3600'	10 1/2" metal reel	(1-11) \$34.90	(12+) \$32.40

806 Audio Mastering Tape

Specially formulated to meet the high output low print requirements. 807 is a one mil. thickness for extended recording requirements.

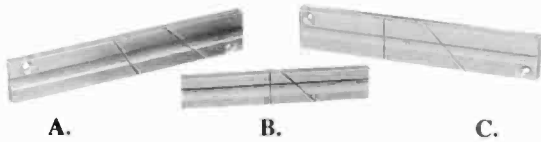
Model	Description	Price Ea.	Price Ea.
8061425HPB 1/4" x 2500'	10 1/2" pancake	(1-11) \$9.70	(12+) \$9.00
8061412PR7 1/4" x 1200'	7" plastic reel	(1-19) \$7.10	(20+) \$6.60
8061425RN 1/4" x 2500'	10 1/2" metal reel	(1-11) \$17.80	(12+) \$16.50
8071436HPB 1/4" x 3600'	10 1/2" pancake	(1-11) \$15.70	(12+) \$14.60
8071418PR7 1/4" x 1700'	7" plastic reel	(1-19) \$9.50	(20+) \$8.80
8071436RN 1/4" x 3600'	10 1/2" metal reel	(1-11) \$24.90	(12+) \$23.15

Recording/Accessories

Splicing Tape	BSW Price
67732100 100' Spool	\$4.80

Leader Tape	BSW Price
61W1415 White Polyester 1500' Reel	\$15.80
61Y1415 Yellow Polyester 1500' Reel	\$15.80

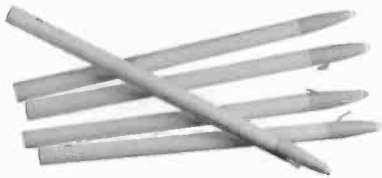
Reel Tape / Accessories



SPLICING BLOCKS

- A. EDITALL S3 BSW Price \$43.70
- S3/90 (90°/45°) BSW Price \$43.70
- S3/OT (Fits Otari 5050) BSW Price \$57.00
- B. FOSTEX 9930 BSW Price \$18.50
- C. NORTRONICS PF-311 BSW Price \$30.70

BSW



164T Editing Pencils

White china markers don't require sharpening
Box Of 12 BSW Price \$16.95

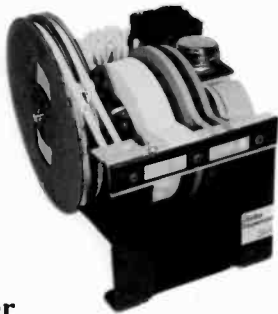
GEM



GEM Editing Blades

The popular choice for splicing and editing
Box Of 100 BSW Price \$9.05

3M



RSD1 Studio Dispenser

Everything you need at your fingertips for professional editing and splicing. Includes splicing tape, two leader tapes, hold down tape, cotton swabs. Container for head cleaner and storage for razor blades.

Mfg. List \$266.63

Call For BSW Price

STL/MRL



TEST TAPES

Complete selection of test tapes for every application
Call With Your Requirements

GENEVA



PF116/PF132/QM108 Head Cleaning Fluids

Non-flammable, non-toxic, and completely safe on plastics, rubber, metals, painted surfaces, epoxies and elastomer parts.

- PF116 (16 oz. Spray) BSW Price \$11.60
- PF132 (32 oz. Liquid) BSW Price \$22.70
- QM108 (8 oz. Liquid) BSW Price \$7.80

CAIG



CL27 Head Cleaner

Caion™ removes oil, grease, and dirt without harming metal, plastic or elastomeric parts.

- CL27S (16 oz. Spray) BSW Price \$9.95
- CL274 (4 oz. Liquid) BSW Price \$5.95

BSW



COTTON SWABS

For cleaning tape heads. Extra long for hard to reach areas.

- BCS 100 (100 Quantity) BSW Price \$6.95
- BCS 500 (500 Quantity) BSW Price \$15.50
- BCS 1000 (1000 Quantity) BSW Price \$30.00

MEC/NORTRONICS/VIKRON



TAPE HEADS

BSW handles the complete line of tape heads from MEC, Nortronics and Vikron. Chances are we can provide any replacement head you need.

Call Us With Your Requirements

BURK TECHNOLOGY



ARC16 Remote Control

Now, you have a choice: full-time studio control, dial-up telephone control—or both. And because of modular design, the ARC16 offers features never before available in a 16-channel remote control system. With the studio controller you have a constant link to your transmitter, for instant response to any problem. The 32 character LCD display shows out-of-tolerance conditions at a glance, and it's simple to make adjustments, with clear-text prompting to guide you. Call the ARC-16 from any tone phone: the Digital Speech Unit (DSU) lets you take control using your telephone keypad. It can be used as the only control or in addition to the studio controller and can be installed in the transmitter or the studio unit.

Features: Full-time studio control, dial-up control, or both • Studio controller displays clear text prompts for non-technical operators • Dial-up speech unit features digitally-recorded human voice • Built-in subcarrier generators at no extra charge • Built-in alarms • Optional computer interface • Control multiple sites with a single unit

Price Based On Configuration



TC8 Remote Control

The TC8 is a full featured remote control system that requires only 1 3/4" of rack space and provides 8 analog metering channels, 8 status inputs and 16 control outputs (8 raise, 8 lower). Studio and transmitter units communicate via telco loops or STL/SCA subcarriers. Specify which you prefer at time of ordering. Status inputs accept 5 to 28 V signals and metering channel accept inputs of either polarity from 0.25 to 4 V, ensuring easy interface with all broadcast equipment. Status LED's and a large dot matrix metering display can be read from across the room. CRT display, logging and fully automatic operation is possible using the optional RS-232 interface.

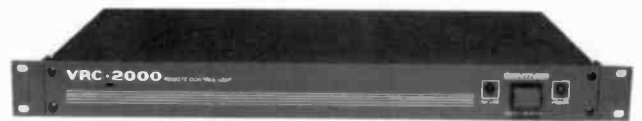
Mfg. List \$2,495.00

Call For BSW Price

Fax Us Your Bid List

Toll Free 800-231-7055

GENTNER



VRC2000 Remote Control

This system provides a total solution for controlling your broadcast transmitter where a telephone line, radio link, data link, or bi-directional audio link is available. The VRC2000 Remote Control System will watch your transmitter for you. It's like having a person on duty at the transmitter continually. The VRC2000 will notify you when something goes out of tolerance, when security is breached, or if it had to turn on the stand-by because the main failed. It features 16 single-ended analog metering channels, 16 TTL compatible status channels, and 32 "open collector" transistor command outputs. The 32 outputs are configured as 16 separate "Command Channels" with 2 outputs per channel. The unit can be used to automatically monitor conditions at a remote site, automatically log regular reports to a printer, take corrective action based on monitored conditions, and notify a human operator via telephone or radio links should an undesired condition occur. The VRC2000 has an outstanding list of options and accessories that make installation and operation easy and efficient.

Basic VRC2000 Mfg. List \$3,195.00

BSW System Prices Based on Configuration

TELTEK



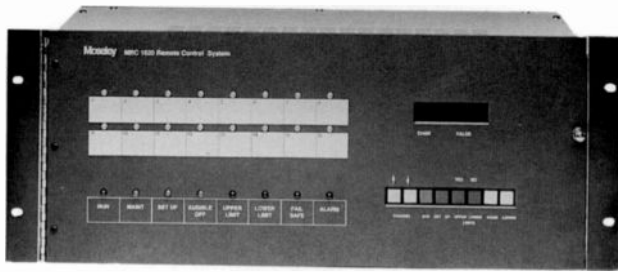
Informer IITX interfaces with your remote control to report accurate temperatures from your transmitter with a range from 0 to 230 degrees F. Simply supply the unit with 8-80 VDC and it will provide 10mV of output per degree fahrenheit to your remote control. Includes 18' cable and sensor.

BSW Price \$56.00

***100% Financing
Without The Wait***

Ask Us About ***FlexLease***

MOSELEY



MRC1620 Remote Control System

The MRC1620 system consists of a remote terminal that allows an optional control terminal or IBM PC with TaskMaster20 software to monitor and control a remote facility from both dedicated and/or dial-up control points. The MRC 1620 remote terminal comes equipped with 32 relay isolated command outputs (16 raise/ 16 lower), 16 TTL status inputs and 16 analog metering inputs with the required terminal connectors.

The remote and control terminals are simple to operate and easy to understand. All status channels are simultaneously displayed on a set of 16 LEDs. The front panel displays read-outs of selected channel number and telemetry data. LEDs indicate operation mode, alarms and other system parameters.

Telemetry limit checking and status alarm capability ensure that an unmanned facility operates at peak efficiency. During alarm conditions, intelligent automatic corrective action can be taken by the remote terminal under the direction of the TaskMaster20.

The remote terminal comes equipped with a built-in internal 1200 baud modem to communicate over dedicated circuits (STL/TSL/FMSCA or 2/4 wired leased lines). An external 1200/2400 baud auto-answer modem for dial-up access over the public switched telephone network is also included with the remote terminal.

Main features:

- Dial or direct connect to an MRC 1620 remote or control terminal
- Display current analog and status values
- Display and acknowledge alarms
- Manually control an MRC 1620 remote terminal (RT)
- Automatically control (via analog limits and status conditions) an RT
- Display, edit, and store PC screen labels
- Download and store the set-up parameters from the MRC 1620
- Recall and upload the set-up parameters to the MRC 1620
- Maintain and generate log file(s) from up to 16 RT sites at user specified intervals during the day
- Generate a printed log

MRC1620 (Remote Terminal) Mfg. List \$3,450.00

MRC1620 (Control Terminal) Mfg. List \$1,550.00

TASKMASTER20 Software Mfg. List \$595.00

Call For BSW Prices

MOSELEY



MRC2 Remote Control System

More and more, broadcasters are issuing executive commands through their MRC-2 microprocessor remote control.

Multi-site, Multi-function, the MRC-2 controls and monitors as many as 99 remote sites, with multiple control terminal capability to let you delegate control from master to master as needed. Up to 255 status, 255 telemetry and 255 command channels supervise your sites.

Dual tolerance limits can be set to prevent a telemetry parameter from reaching critical levels. Choose from 6 modes in which to calibrate telemetry inputs, and set status inputs to initiate alarms or events on rising or falling waveforms, or both.

Command, status, and telemetry set-up is straightforward on the MRC-2 System. Using the remote terminal keyboard and 48 character alpha-numeric LED display, the system provides plain English prompting and "menu" pages for set-up selection. Similar procedures are used at the control terminal to set up and verify telemetry limits, assign data links, and to set up controlled access for restricted functions.

Control Options

Optional automatic loggers provide a printed record of system operation and CRT terminals display your data in plain language. An optional ACUI automatic control unit automates your operation by issuing programmable time and feedback-actuated sequences of commands without operator assistance. Add multiple direct command and multiple status display options for streamlined operator interface.

Prices Based On Configuration

**Conserve Working Capital
And Get A Tax
Break With**

FlexLease Financing!

Call 800-426-8434 For Details

MARTI



**RPT30/CR10
Remote Pickup System**

Remotes are a breeze with a Marti Remote Pickup System. Start with an RPT30 transmitter that offers four balanced microphone inputs, one is selectable to line level, and a built-in FM compressor/limiter. Flashing LEDs indicate antenna VSWR problems and over-temperature conditions and a built-in subaudible encoder can activate repeaters or other equipment with the flip of a switch. Single or dual frequency models are available.

The companion CR10 is a rack mounted VHF or UHF base station receiver dual frequency capability built in. It features a built-in test meter, squelch relay, optional DC operation, built-in sub-audible tone decoder with relay, special noise reduction circuit, 90 dB spurious rejection and a front panel monitor speaker.

- RPT30 Mfg. List \$1,695.00
- RPT30-2 Dual Frequency Mfg. List \$1,725.00
- CR10 Mfg. List \$1,195.00
- CR10-2 Dual Frequency Mfg. List \$1,225.00

Call For BSW Prices

MOSELEY



**RPL4000
Remote Pickup System**

The RPL 4000 offers the features and specifications you expect from Moseley at a modest cost. The portable RPL4010 transmitter is fully synthesized, light weight and can be used as a complete stand alone unit with three balanced, adjustable inputs, or in conjunction with existing repeaters or portable audio mixers. Features include selectable audio bandwidths from 5-15 kHz and noise reduction companding. The 4020 receiver has excellent adjacent channel rejection and selectivity, which is absolutely essential in crowded UHF bands. An industry standard connector is provided for audio control interface with existing equipment.

RPL4010/4020 Mfg. List \$4,850.00 Call For BSW Price

TFT



**8888
Remote Pickup System**

The TFT Model 8888 RPU Transmitter and 8889 RPU Receiver offer outstanding flexibility, versatility and reliability. The transmitter and receiver are frequency synthesized NI, N2 and S bands. Two operating frequencies are programmed by internal DIP switches and are front panel selectable. In addition, frequency deviation and receiver bandwidth are selectable. DTMF control is provided for receiver activation, bandwidth and deviation selection. The 8888 enables you to adjust the RF power output to suit your needs with a maximum RF output power of 25 watts.

8888/8889 Mfg. List \$4,840.00 Call For BSW Price

ICOM

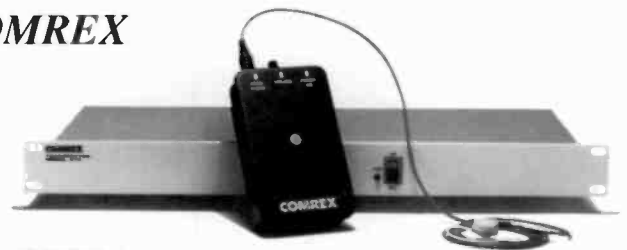


Portable Transceivers

BSW carries a full line of quality ICOM handheld and mobile transceivers to help provide broadcasters with a vital link between station and field. Several models of VHF and UHF radios are available.

Call Toll Free With Your Requirements

COMREX

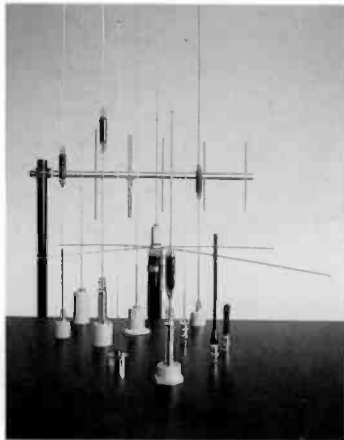


**CTA/LPQRA
Cue System**

This system consists of the CTA cue transmitter and the LPQRA receiver. It relays both program and instructions from the transmitter (which can be installed in a van, studio, press box, stadium, etc.) to pocket receivers. This FM system features 100% duty cycle, broadcast audio quality, and crystal control. FCC type accepted.

Mfg. List \$1,900.00 Call For BSW Price

LARSEN

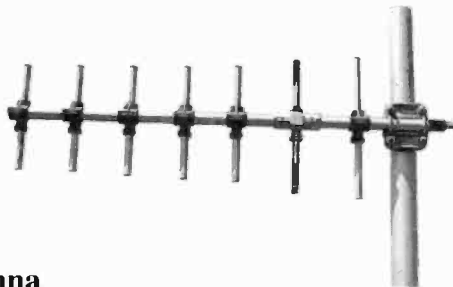


Antennas

Larsen has a large selection of antennas available for both mobile and fixed applications.

Call Us With Your Specific Requirements

SCALA



CA7460

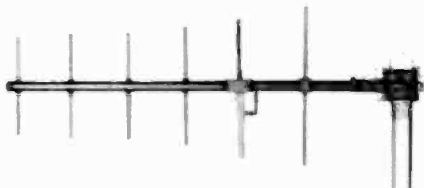
Yagi Antenna

The CA7460 is a seven-element yagi designed for high performance and long-term reliability even under severe environmental conditions. Its broadband design makes it particularly suitable for systems requiring frequency agility within a specified band. Two standard models cover the 406-420 MHz and 450-470 MHz bands. Custom models are available for other portions of the 200-500 MHz spectrum. Impedance is 50 ohms, gain is 10 dB (over dipole), and input power rating is 100 watts.

Mfg. List \$200.00

Call For BSW Price

MARTI



YC SERIES

Yagi Antennas

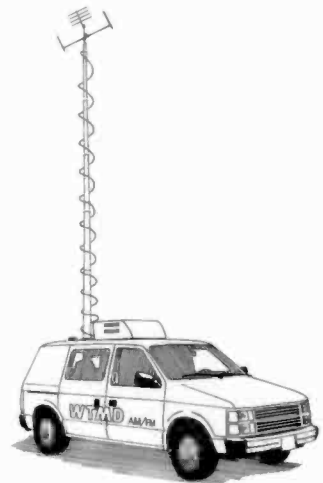
These yagis are available in fixed frequencies ranging from 152.08 to 455.99 to cover any RPU application. The antennas have 5 or 6 elements depending on the frequency, and have a gain of 9 dB.

YC SERIES (All Models) Mfg. List \$150.00

Call For BSW Price

TOLL FREE 800-426-8434

WILL-BURT



Pneumatic Telescoping Masts

TMD masts are used in remote locations to support antennas transmitting broadcast signals back to the studio. Mounted on remote broadcast vehicles, TMD standard duty masts support antenna weights of up to 40 lbs. to heights of 34 ft. allowing the remote to shoot over most local obstructions.

The TMD pneumatic telescoping mast is a series of graduated extruded aluminum tubes that are assembled to nest one inside another. Each tube has a seal at the bottom to contain air pressure and a collar at the top to limit extension of the tube inside it. The masts are extended from their compact nested height by pneumatic pressure supplied by air compressors, hand pumps or compressed air bottles. They can be mounted to extend through the roof of a remote vehicle, or on the vehicles rear bumper.

Call BSW For Pricing And Detailed Specifications

TMD



HURRY-UP

Telescoping Mast

Here's a simple, inexpensive, and effective portable antenna mast for your remotes. The TMD Hurry-Up mast is designed for fast and easy deployment of light weight antennas. It consists of 6 graduated aluminum tubes which nest one inside another. The mast is extended by pushing up the sections and fixing them into position using quick lock/release collars. It can be fully extended to 25' in one minute or less. Hurry-Up is free standing in its universal vehicle mounting stand so you can take it on remotes using whatever vehicle is available. Weight is only 20 lbs. with a nested height of 6'-0"

Mfg. List \$1,100.00

Call For BSW Price

MARTI



**STL10
STL System**

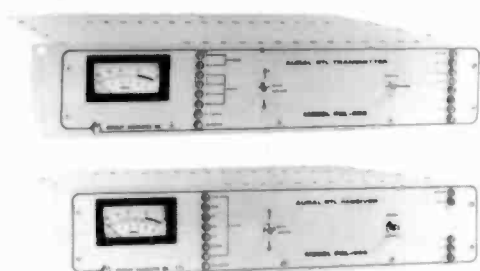
The Marti studio transmitter link is a line-of-sight FM communication system providing a high quality broadcast audio channel with two optional sub-channels. A dual link for stereo provides two identical broadcast quality channels with better than 80 dB stereo crosstalk and four optional sub-channels. A dual Marti system offers greater rejection of interference, superior noise performance, lower channel crosstalk and greater redundancy than most composite systems. Features: Excellent square wave response • User selectable audio processing with 0, 25, 50 or 75 microsecond de-emphasis options • Low pass filters eliminate overshoot on complex audio waveforms • Two IF bandwidths available to meet domestic and international requirements • Computer designed bandpass filters for high selectivity with optimum phase and group delay • Test meter on front panel indicates signal level, main channel audio level, sub-carrier level, supply voltage, L.O. level and mixer level. Additional test points inside receiver • Front panel RF Sensitivity switch • Built-in automatic switching capability

STL10 Transmitter Mfg. List \$1,645.00

R10 Receiver Mfg. List \$1,625.00

Call For BSW Prices

MOSELEY



**PCL606/C
Composite STL System**

The composite stereo PCL606/C or the mono PCL606 STL systems offer the highest possible analog conveyance and selectivity.

Frequency Response Composite:

30 Hz to 53 kHz ($>\pm 0.1$ dB) 53 kHz to 73 kHz ($>\pm 0.3$ dB)

THD & IMD Distortion:

Narrow IF Filter: $\leq 0.3\%$ at 30 Hz to 53 kHz typically $\leq 0.1\%$ at 1 kHz

Wide IF Filter: $\leq 0.2\%$ at 30 Hz to 53 kHz typically $\leq 0.7\%$ at 1 kHz

Stereo Separation: ≥ 48 dB, 50 Hz to 15 kHz (typically ≥ 50 dB)

Nonlinear Crosstalk: (Subchannel to Mainchannel, Mainchannel to Subchannel) Narrow IF Filter ≥ 50 dB, Wide IF Filter ≥ 54 dB

Signal-to-Noise Ratio: ≥ 72 dB (typically 75 dB) below 100%

modulation, demodulated, de-emphasized left or right

PCL606/C System Mfg. List \$10,900.00 Call For BSW Price

MOSELEY



**PCL6000 SERIES
Composite STL Systems**

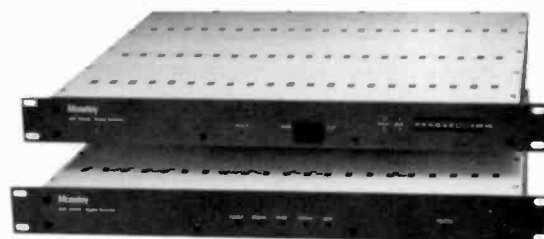
The PCL6010 transmitter and PCL6020 and 6030 receivers employ a synthesized reference oscillator to eliminate fixed frequency crystals. Monaural or composite operation is available from a single system. By selecting appropriate jumpers, you can enable wideband composite stereo or 15 kHz monaural basebands. Two PCL6000 systems can be used in a dual discrete configuration to transmit right and left stereo programs with no measurable crosstalk. Receiver IF bandwidth can be factory or field set for channel spacing of 100 kHz to 500 kHz.

Which system is right for you? If you have no adjacent channel interference, the PCL 6020 will offer superior performance. The PCL 6030 is designed for hostile RF environments where maximum selectivity and adjacent channel rejection are required.

PCL6020 System Mfg. List \$8,250.00

PCL6030 System Mfg. List \$9,250.00

Call For BSW Price



**DSP6000
Digital STL System**

Your key to an STL system that can pass CD quality audio is the DSP6000. This digital encode/decode system is designed to be used with Moseley PCL6000 or PCL606 Series STLs. It provides a 90 dB SNR with only .01% distortion and can operate in existing channel allocations from 100 to 500 kHz, coexisting with established analog radios.

The standard system comes equipped with an encoder and decoder for two (right and left) audio channels and one data channel with provisions for up to two auxiliary program channels and one additional data channel.

Look at the advantages you get with digital:

- Signal-to-noise ratio of 90 dB with .01% distortion.
- Higher system gain (up to 25 dB over analog STLs)
- Constant SNR - unaffected by fades.
- No Crosstalk
- No degradation with multiple hops

Basic System Starts At \$5,990.00 Mfg. List

Complete Digital STL Packages Available

Prices Based On Configuration

TFT



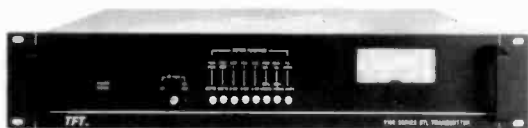
8910 RECITER STL Receiver/FM Exciter

The Reciter™ is a single unit that combines the function of an STL receiver and an FM exciter with an Intermediate Frequency (IF) interface between them. By combining these two functions, you avoid demodulation of the composite signal to baseband, allowing the cleanest transfer from an analog receiver to an FM exciter available.

When used in conjunction with the 9100 or 8300 STL transmitters, the Reciter™ offers a direct CD quality audio link from your studio to your transmitter.

Mfg. List \$10,975.00

Call For BSW Price



9100/9107 Composite STL System

TFT's 9100/9107 system is designed to meet today's standards for digital sound quality. The operating frequency is synthesized and field programmable between 944 and 952 MHz in 12.5 kHz steps.

Transmitter features:

- IF modulation - 0.02% THD, 85 dB SNR, 55 dB stereo separation
- Exclusive 5-year warranty
- Accommodates full stereo baseband including two additional subcarriers
- Provides CD quality audio when used in conjunction with TFT's Reciter
- Provisions for DC operation ($\pm 12V$, $\pm 24V$, $\pm 48V$)

Receiver features:

- 0.05% THD, 80dB SNR, 50 dB stereo separation
- High interference immunity without phase distortion
- Exclusive 5-year warranty
- Built-in stereo decoder (optional)
- Built-in receiver switchover unit for hot standby applications.

9100 Mfg. List \$3,550.00

Call For BSW Price

9107 Mfg. List \$3,225.00

Call For BSW Price

TFT



9200/9205 Mono STL System

This economical, frequency synthesized system is designed for single, redundant dual channel, or stereo program transmission. Features: Field programmable frequencies • Spectrum efficient operation • Optional built-in subcarrier generator and demodulator • 0.2% THD, 75 dB SNR, 80 dB channel separation • Built-in receiver switchover unit

9200/9205 System Mfg. List \$3,300.00

Call For BSW Price



8300 Composite STL System

The 8300 is specifically designed for crowded RF signal environments where numerous signals present in the 940-960 MHz band make it difficult to operate composite STL'S without interference problems. Features like S.A.W. filters, selectable RF front end gain, variable bandwidth IF amplifiers and cast aluminum RF shielded housings for critical circuits contribute to the cleanest possible signal with this system. A wide array of options and accessories such as IF repeater, stereo decoder, and 92 kHz SCA capability make the 8300 System perfect for your operation.

8300 Transmitter Mfg. List \$5,300.00 Call For BSW Price

8301B Receiver Mfg. List \$5,160.00 Call For BSW Price



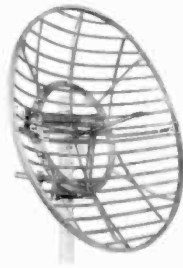
7700B SERIES Composite STL System

This high quality STL from TFT provides excellent audio quality and reliability. IF modulation improves S/N ratio and stereo performance. RF output is adjustable from 5 watts to a maximum of 12 watts to generate sufficient signal for long or difficult transmission paths. Both transmitter and receiver provide full status and monitoring capabilities for setup, operation and troubleshooting ease.

7700B Transmitter Mfg. List \$4,375.00 Call For BSW Price

7707 Receiver Mfg. List \$3,575.00 Call For BSW Price

MARK



Grid Antennas

Mark grid antennas are very lightweight and durable made of HeliArk welded aluminum for superior strength and rigidity. These grid antennas have virtually the same electrical characteristics of comparable size parabolic reflectors but only about 25-30% of the wind load factor. When ordering specify size, frequency, pressurized or non-pressurized, heated or non-heated.

Price Based On Size And Configuration



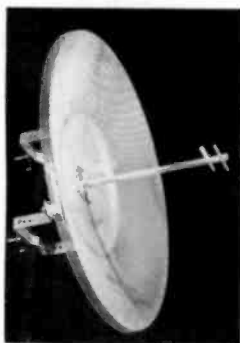
**SSH9A72GN
Super Short Haul Antenna**

When you need to install or replace a short haul STL antenna in a hurry, BSW and Mark antennas can help. The SSH9A72GN is a point-to-point grid antenna designed to work in any frequency between 940-960 MHz. The antenna has a mid band gain of 20 dBi and half power beamwidth of 19° (horizontal) and 10° (vertical). It weighs only 30 lbs. (including feed and mount), and utilizes universal clamps for quick and easy installation on pipe diameters from 1.9" to 3.5" O.D. Best of all these antennas are UPS shippable so they can be shipped quickly and inexpensively.

Mfg. List \$890.00

Call For BSW Price

MARTI



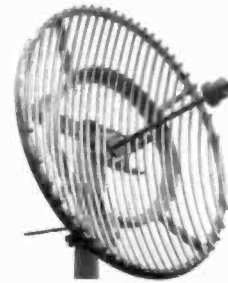
**PA48
Parabolic Antenna**

This low cost, 4' antenna is broadband for the 940 to 960 MHz aural STL band and is category B rated in vertical and horizontal planes.

Mfg. List \$500.00

Call For BSW Price

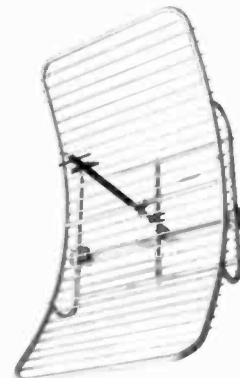
SCALA



Grid Parabolic Antennas

For years broadcasters have trusted the likes of Scala's paralector and miniflector antennas for their STL requirements. Now Scala is offering a full line of grid parabolic antennas for applications within the 940-960 MHz range. Dish sizes from 48" to 144".

Call For Pricing And Configuration



**PR450U
Paralector Antenna**

Widely used for point-to-point STL links, telemetry, and UHF-TV, the PR450U Paralector™ offers rugged construction for reliable long-term service, even in severe environmental conditions. Universal mounting bracket allows for easy horizontal or vertical mounting.

Mfg. List \$600.00

Call For BSW Price



**MF960
Miniflector Antenna**

For short hops where a full-sized grid or parabolic is not necessary the Mark Miniflector is a rugged, economical way to fulfill your antenna needs.

- Aural broadcast STL
- Telemetry
- Point-to-point communications
- Vertical polarization for STL

Mfg. List \$320.00

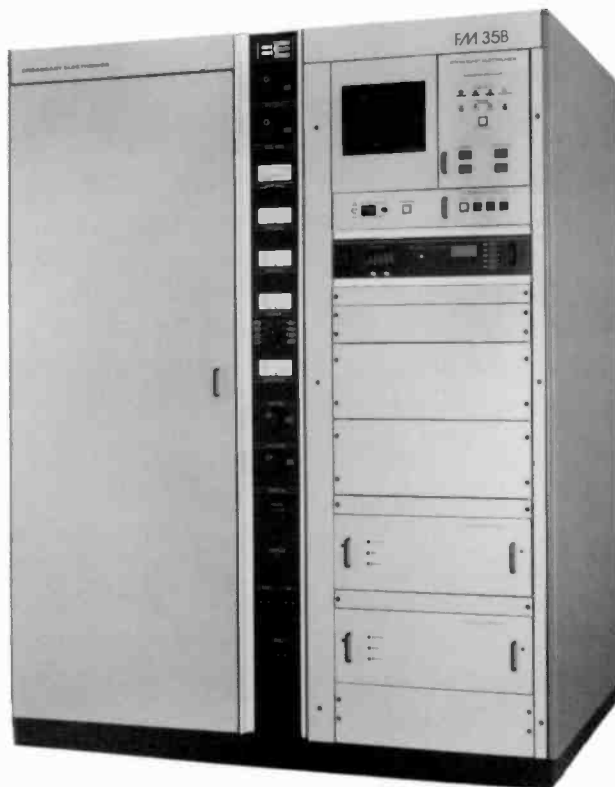
Call For BSW Price

BROADCAST ELECTRONICS

Broadcast Electronics transmitters have gained industry wide respect for offering superior quality and reliability. BSW is proud to represent the entire line of FM and AM broadcast transmitters on a regional basis*.

B Series FM Transmitters

Updated for the 90's with the same solid and reliable amplifier design, Broadcast Electronic's "B" Series FM transmitters include the FX50 FM exciter for digital quality transmission. All "B" Series transmitters feature a high-efficiency single tube design with a patented folded half-wave output cavity that eliminates plate blocker and sliding contacts. Automatic power control and proportional VSWR foldback maintain constant, and correct power output. On start up, a "soft start" circuit gradually increases power to a safe operating level under high VSWR conditions.



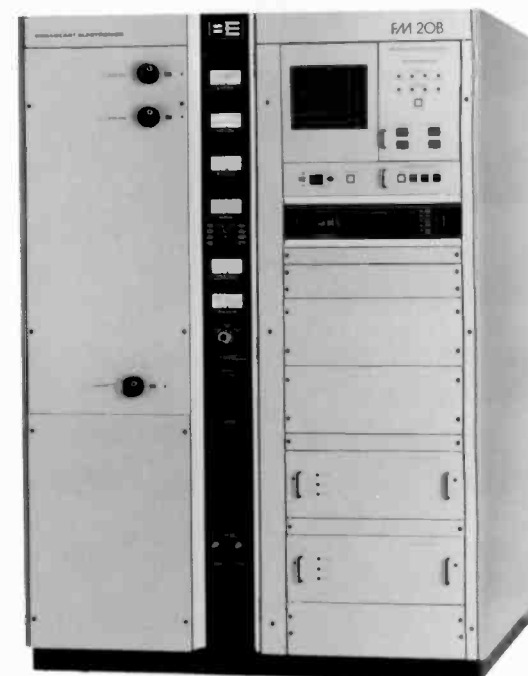
FM35B/FM30B FM Transmitters

The FM35B uses the Eimac 4CX20000C tetrode tube to produce 10 kW to 38.5 kW of RF power. The FM30B makes use of the 4CX20000A for an output range from 7.5 kW to 30 kW.

*Call For BSW Pricing And Availability In Your Area

TOLL FREE 800-426-8434

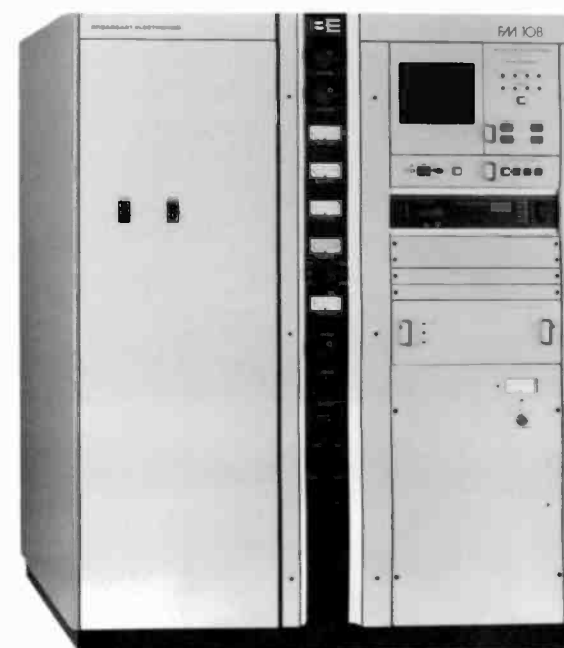
BROADCAST ELECTRONICS



FM20B FM Transmitter

The FM20B uses the Eimac 4CX12000A/8989. RF output power is 7.5 kW to 22.

*Call For BSW Pricing And Availability In Your Area

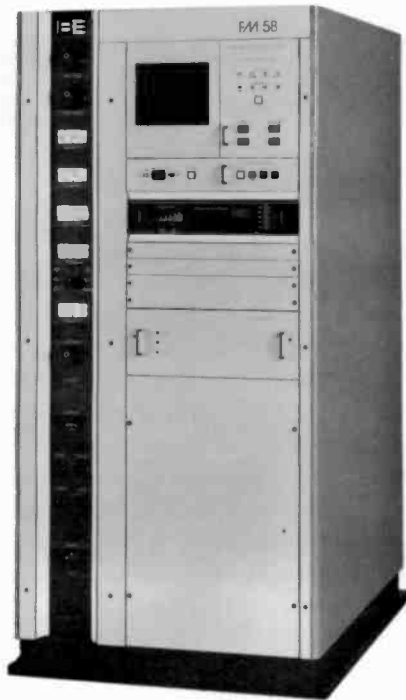


FM10B FM Transmitter

The FM10B uses the Eimac 4CX7500A. RF output power is 4950 watts to 11 kW.

*Call For BSW Pricing And Availability In Your Area

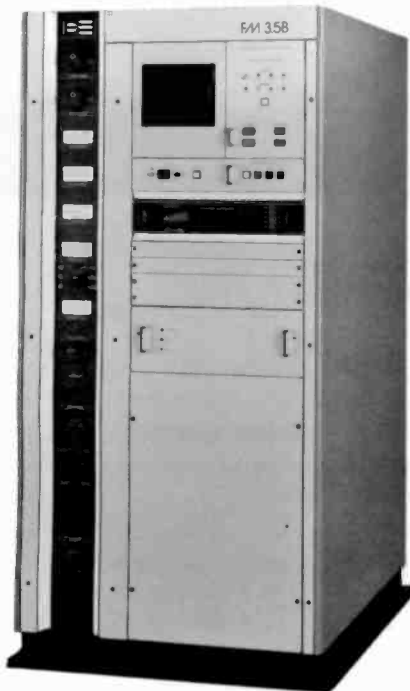
BROADCAST ELECTRONICS



**FM5B
FM Transmitter**

The FM5B uses the Eimac 4CX3500A. RF output power is 2500 watts to 5500 watts.

**Call For BSW Pricing And Availability In Your Area*

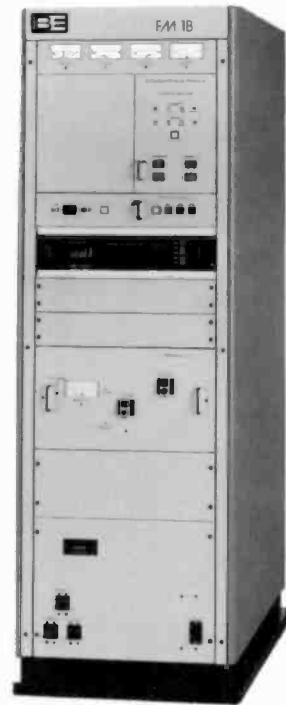


**FM3.5B
FM Transmitter**

The FM10B uses the Eimac 4CX3500A (same as FM5B). RF output power is 1500 watts to 3800 watts.

**Call For BSW Pricing And Availability In Your Area*

BROADCAST ELECTRONICS



**FM1.5B/FM1B
FM Transmitters**

Both the FM1.5B and the FM1B utilize the Eimac 3CX1500A7/8877 power triode.

FM1.5B RF output power: 500 watts to 1.65 kW

FM1.5B RF output power: 250 watts to 1100 watts

**Call For BSW Pricing And Availability In Your Area*



**FM300B/FM250B/FM100
FM Transmitters**

All three low power transmitters utilize solid state power amplifiers driven by the FX50 exciter.

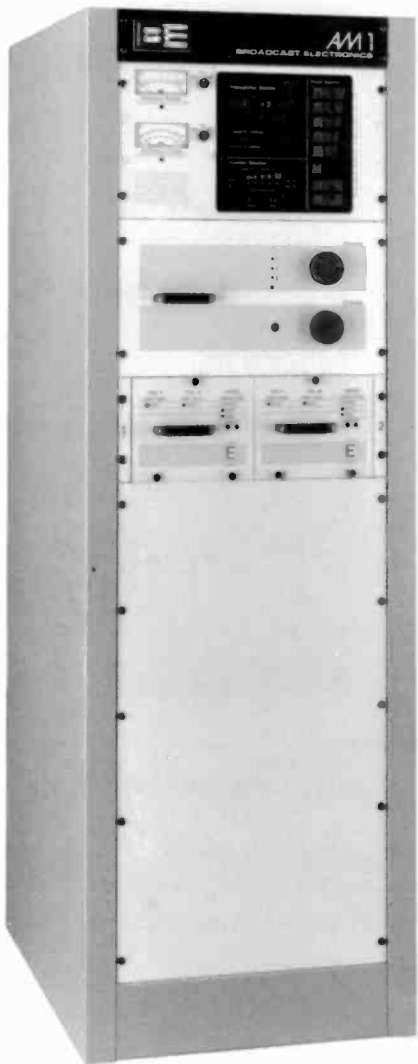
FM300B RF output power 90 to 400 watts

FM250B RF output power 90 to 250 watts

FM100B RF output power 50 to 125 watts

**Call For BSW Pricing And Availability In Your Area*

BROADCAST ELECTRONICS



AM1 Solid State Transmitter

The AM1 is the first C-QUAM™ AM Stereo transmitter. The AM stereo exciter is built into this 1 kilowatt transmitter, eliminating the need for the additional cost of an external exciter and field installation.

Additional features:

- High efficiency Class E operated power modules, plus high efficiency switching power supply provide for low power consumption and cool operation.
- 5 separate power levels to fit any AM license requirement
- Ultra rugged and reliable power modules
- "Star" combiner network provides for uninterrupted operation, with minimal power reduction, without the use of dummy modules
- Exclusive VSWR detection and foldback circuit reduces carrier interruptions
- Built-in output matching network

*Call For BSW Pricing And Availability In Your Area

TOLL FREE 800-426-8434

BROADCAST ELECTRONICS



FX50 FM Exciter

After investing in digital recorders and processing it's only logical to do all you can to ensure that high quality audio is actually reaching your customers. Your exciter, for instance, should be able to pass as clean and transparent a sound as possible so the audiences you are targeting can reap the full benefit of digital sound.

The FX50 is just that sort of exciter - powerful, and very clean. Performance specifications feature a dynamic range that rivals CD players with harmonic and intermodulation distortion values so low that they are virtually unmeasurable. It can bring existing FM transmitters up to CD quality standards and is the ideal retrofit for exciters now in use. Features: THD and IMD less than 0.003% typical for true CD sound • Unmatched 93 dB S/N typical for widest dynamic range • 50 watt MOSFET output power to drive the largest transmitter or act as a stand-alone 50 watt FM transmitter • Advanced linear modulated oscillator for unparalleled performance • Computer optimized phase locked loop greatly improves low frequency response • Completely broadband for transparent performance • Functional front panel controls with LCD displays

Mfg. List \$6,295.00

Call For BSW Price



AX10 AM Stereo Exciter

This second generation C-QUAM® exciter incorporates the most advanced AM stereo technology available providing superior stereo performance using an advanced IF modulation scheme employing independent, non-interfacing left and right channel digital modulators. The result is exceptional AM stereo with full mono receiver compatibility. Features: Synthesized operation (1 kHz increments) • Interfaces with virtually any existing AM transmitter • Built-in LED peak reading modulation display • Compact size (only 3.5 inches of vert. rack space) • Independent equalization for two-transmitter or dual antenna pattern operation • Full remote control capability

Available individually or as complete system featuring AS10 stereo modulation monitor.

AX10 Mfg. List \$5,700.00

AX10P System Mfg. List \$12,500.00

(Includes AX10, AS10, And Installation)

Call For BSW Price

CATEL**FMS2000B
FM Modulator**

The FMS2000B FM modulator is designed specifically for the origination of stereo programming for cable radio and TV applications. With direct audio sources such as AM/FM tuners, tape decks, microphone preamplifiers and short wave receivers, it can add varied FM signals to the cable system. In addition to re-transmission of audio signals. FMS2000B is frequency agile from 87 MHz to 108 MHz.

Mfg. List \$995.00

Call For BSW Price

MARTI**SCG10/SCD10
FM Subcarrier Generator/Demodulator**

The SCG10 is designed to operate with an FM transmitter or with the SCD10 demodulator to form an STL subcarrier link. Both the SCG10 and the SCD10 have several options available including: selectable pre-emphasis of zero, 75, 150, or 225 microseconds, low pass audio filters of 3 kHz, 5 kHz, or 7.5 kHz, and separate compander encode and decode boards to help reduce noise and mask certain types of main to sub channel crosstalk.

SCG10 Mfg. List \$695.00

Call For BSW Price

SCD10 Mfg. List \$695.00

Call For BSW Price

MODULATION SCIENCES**SCA186
SCA Generator**

Sidekick combines the four elements needed for successful SCA operation into the one package: subcarrier generator, modulation monitor, audio processor and transmitter tuning aid. Engineered to work together, these components form an integrated system which provides a level of performance previously unattainable. Crosstalk is dramatically reduced, signal quality is significantly improved and operation is greatly simplified.

Mfg. List \$3,835.00

Call For BSW Price

MOSELEY**SCG8/SCD8
FM Subcarrier Generator/Demodulator**

SCG8 Subcarrier Generator, with automatic muting and front panel peak deviation meter, includes self contained power supply. SCD8 subcarrier demodulator, developed as a companion to the SCG8 generator, features front panel peak deviation, automatic muting, self contained power supply, meter, all electronic squelch and audio low-pass filter. Units available for operation at any standard frequency in the 26 kHz to 185 kHz spectrum. Specify operating frequency when ordering.

SCG8 Mfg. List \$1,490.00

Call For BSW Price

SCD8 Mfg. List \$1,490.00

Call For BSW Price

BSW Speaks Fluent RF!

Over the past 18 years we've outfitted hundreds of stations, both domestically and internationally with complete RF transmission systems.

Drawing from 64 years of combined engineering experience, our current sales staff is well acquainted with what it takes to get quality audio on the air and keep it on the air.

When we talk VSWR, reflected power, isocouplers, composite group delay and depression angles - they're not just buzz words. Yet, we're not interested in dazzling you with talk, but providing you with the most workable solution to your particular RF needs.

With equipment from the most prestigious transmission equipment manufacturers, including transmitters, antennas, cabling, test gear, and many years of first hand RF experience BSW truly is the one stop source for all your RF needs.

DIELECTRIC



RF Products

Dielectric manufactures a number of high quality RF related products including dehydrators, switches, loads, isocouplers, antennas and more.

Call Us For More Information

ELECTRO IMPULSE



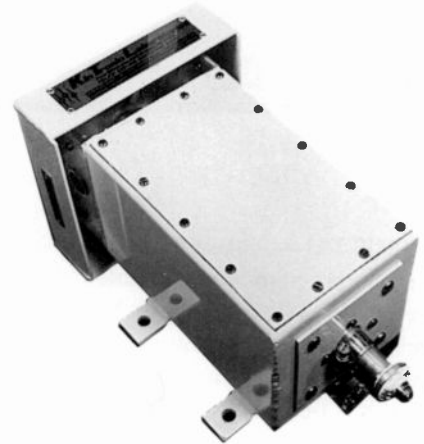
RF Coaxial Loads

Electro Impulse is a leading supplier of specialized equipment for the communications and broadcast industries. Innovations such as dry, forced air cooled loads for FM broadcasters, termination type power meters, attenuators, high accuracy calorimeters that measure RF power, and other loads up to 1.5 million watts average power, are all representative of products which have emerged from their years of experience in this field. While many requirements can be met from either stock or custom design units. In either case, all products are backed by a 12 month warranty.

Prices Based On Configuration

TOLL FREE 800-426-8434

KINTRONIC LABORATORIES

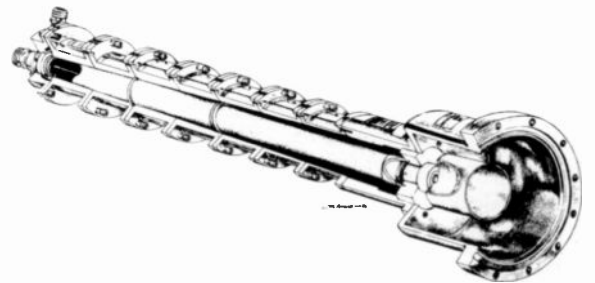


Isocouplers

Kintronic Laboratories Isocouplers provide versatility to existing AM radiating elements by allowing for installation of transmit/receive/FM/TV antennas operating in the frequency range of 30-1000 MHz without disrupting AM antenna characteristics.

**Call BSW Toll Free For Pricing Based
On Your Specifications**

ALTRONIC RESEARCH INC.



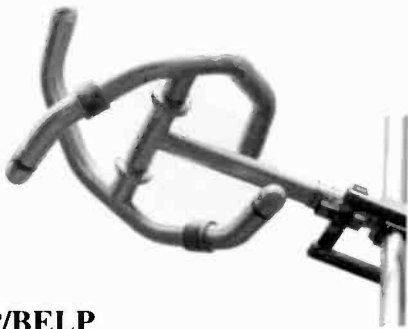
RF Coaxial Load Resistors

Altronic Research, Inc. manufactures the Omegaline RF coaxial load resistors (dummy loads). These are economical, lightweight, portable dummy loads for terminating coaxial transmission lines and are available in air or water cooled models. Users of transmitters, microwave components, and power tubes can be assured of ideal dummy load conditions during testing, adjusting and aligning.

Prices Based On Configuration

***BSW Has Over 18 Years Of
Experience In Servicing The Equipment
Needs Of Broadcasters.
Give Us A Call Today!***

BROADCAST ELECTRONICS

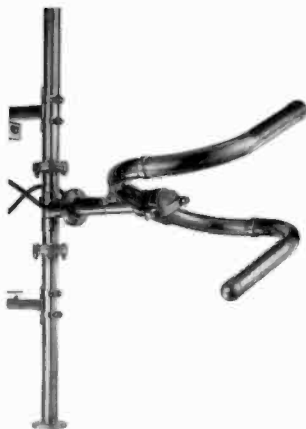


**BESP/BEMP/BELP
FM Antenna**

You can count on years of rugged performance with Broadcast Electronics Series of high, medium and low power FM antennas. The BESP (super power) and BEMP (medium power) both feature circular polarization, high input power ratings and a number of mounting options to fit any application. The BELP (low power) antennas utilize horizontally polarized radiators.

**Available On A Regional Basis Only
Call BSW For Prices And Availability In Your Area**

CABLEWAVE



FM Antennas

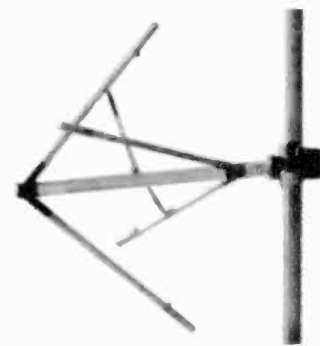
Cablewave Systems offers a comprehensive line of omnidirectional antenna systems and accessories for the FM broadcast industry. Three basic antenna types are available in either circular or horizontal polarization. CFMLP/HP circularly polarized antennas and HFM LP /HP horizontally polarized antennas are designed for high power commercial broadcast applications and have a power handling capability of 5 to 40 kilowatts depending on the specific antenna configuration.

CP1000 circularly polarized antennas and HP1000 horizontally polarized antennas provide a low power alternative to the CFM and HFM antennas for applications up to 4 kilowatts where high power handling is not required.

ECFM and EHFM antennas are designed primarily for the lower power educational market where power handling requirements do not exceed 500 watts.

Call BSW For Prices And Specifications

JAMPRO

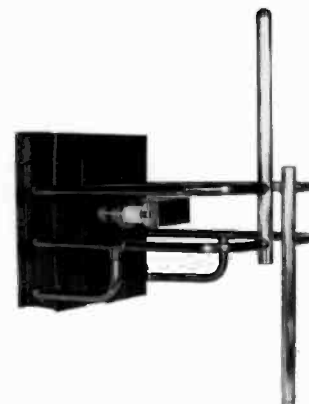


The JHCP antenna is a circularly polarized FM antenna for the broadcaster who wants extremely high-input power capability, coupled with the patented design that has become an industry standard. This design is sophisticated in concept yet simple in execution. Each bay consists of a radiating element with its associated 6 1/8" (15.56 cm) interbay feed line. The element and line are supported by a heavy brass casting which is attached to the support structure by its mounting bracket.

The JHCP antenna is conservatively rated at 30 kW per bay, with a maximum system rating of 80 kW for three bays and above. These ratings are reduced well below both the average and peak power ratings for the power distribution system, with corona and high voltage arcing problems eliminated by the use of very low Q radiating elements.

Call BSW For Pricing And Specifications

SHIVELY



FM Antennas

A good antenna is crucial to quality broadcasting. An antenna that is merely adequate will compromise the performance of even the best studio equipment and transmitter.

Shively regularly includes standard features that other companies either provide only as options or simply do not offer.

- Pressure relief valves which allow purging of the entire system at any time, without climbing the tower.
- Custom designed, solid steel mounting brackets for each installation, instead of chains, as are commonly used.
- Individually grounded bays which give maximum protection to transmission lines from lightning damage without the need to purchase shorting stubs.

Shively engineering expertise and quality components further enhance performance.

Call BSW For Prices And Specifications

ANDREW

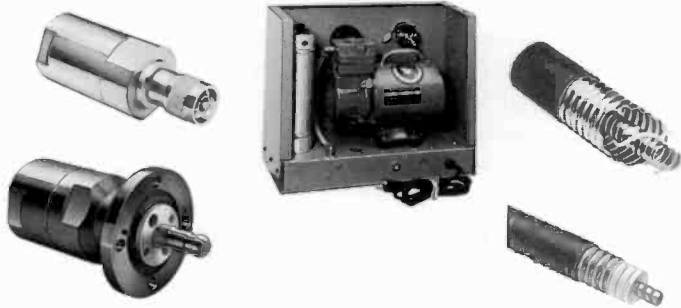


The Andrew Corporation, a world leader in the design and manufacture of communications equipment and systems, is well known in the radio broadcast community for supplying high quality transmission cable and related accessories. BSW is proud to represent a complete line of products for all your transmission cabling requirements.

Call BSW Toll Free With Your Requirements



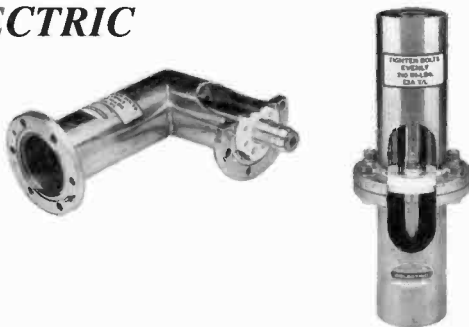
CABLEWAVE



Cablewave Systems is dedicated to the design and manufacture of RF related products including: aluminum and fiberglass parabolic microwave antennas, Flexwell and Cellflex low loss coaxial cables, rigid coaxial lines, Flexwell elliptical waveguides, connectors, pressurization equipment, and RF associated accessories. BSW carries the complete line of Cablewave products and can supply the proper products for any situation.

Call BSW With Your Requirements

DIELECTRIC



Dielectric is the worlds largest manufacturer of rigid coaxial transmission line. They have been supplying transmission line to communications professionals since the early 1940's. Many of Dielectric's early systems are still in operation after years of use and exposure to the elements.

Call BSW For Information And Specifications

TOLL FREE 800-426-8434

RF INDUSTRIES



RFA4024 Unidapt Universal Adapter Kit

Mix and match any male or female adapter section with any other SMA, N, UHF, BNC, TNC, or mini UHF section. Make any custom adapter you can dream up.

Each Unidapt filter has a common connector end, and a universal adapter end. You simply choose the two common connector ends you need, and screw them together with the universal adapter. It's so easy—that's why technicians love it!

BSW Price \$124.95



RFA4059A Coaxial Signal Sampler

Now you can test for RF power failure or inject signal for noise measurements in transmitter output circuits without dismantling the line. This N male to N female thru-line coax section is inductively coupled to an adjustable BNC female port. This BNC fitting will supply between 20-80 dB of attenuated signal (depending on frequency). Ideal for signal generators, tap offs, modulation meters, or RF millivoltmeters. Male - female connectors can be disconnected—use up to 6 different connectors.

BSW Price \$45.00

MPM INDUSTRIES

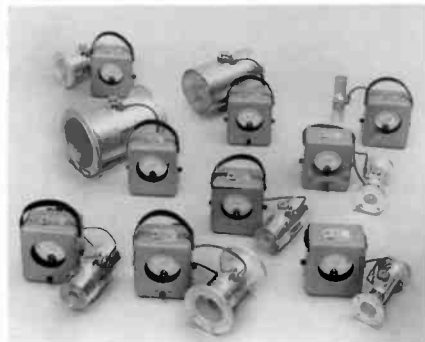


JC3 Jumper Cable

3 foot RG8U jumper cable. N male to N male connectors. Custom lengths available.

BSW Price \$13.95

BIRD



THRULINE® SERIES

Watt Meters

Each Bird THRULINE® RF directional wattmeter is comprised of a line section and a direct reading 3 scale meter housed in a convenient carrying case. Measuring elements are ordered separately. A precise 50 ohm 1 5/8", 3 1/8", 4 1/16", or 6 1/8" coaxial air line is designed for insertion into your transmission line between transmitter and antenna or load. Each line section is equipped with one or two sockets into which plug-in elements with the desired power and frequency range inserted. Double-socket line sections are for simultaneous measurement of forward and reflected power.

Call BSW For Configurations And Pricing

MODULATION SCIENCES



CLD2504

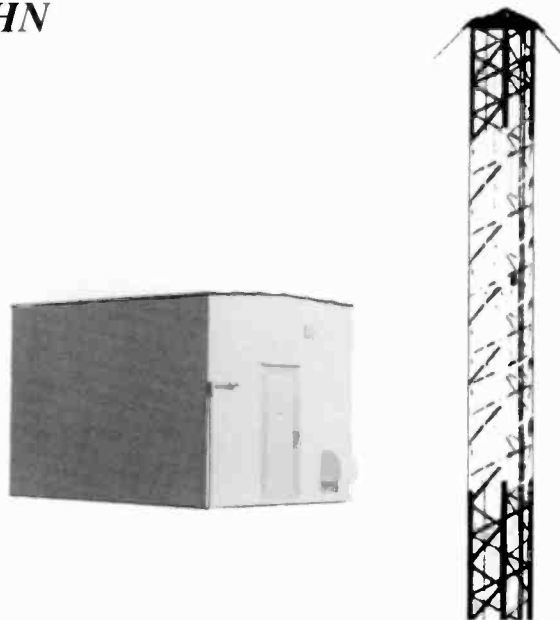
Composite Distribution Amplifier

Modulation Science's CLD2504 Composite DA is a problem solver. Its one-in-four-out, unity gain configuration makes distribution of the composite baseband signal as easy as distributing audio. The high impedance input avoids circuit loading and the four low impedance outputs drive a wide range of equipment with greater than 50 dB of isolation between outputs. All connectors are BNC. The Composite DA lets you continuously and simultaneously drive dual main transmitters, main/aux/back-up transmitters, alternate stereo generators and processor setups, etc. No cable switching, no changeover relays, no level changes and no hassles!

Mfg. List \$950.00

Call For BSW Price

ROHN



Towers/Shelters

Allow BSW and Rohn the opportunity to give you a quote on your tower and shelter requirements.

Rohn Towers are constructed with the finest materials. All tower sections are completely hot-dip galvanized after fabrication to protect all points of welding and construction against corrosion.

Rohn Shelters are available with a complete environmental control system and optional reinforced insulated aluminum doors with three-point locking systems.

Prices Based On Applications

TWR



Lighting Equipment

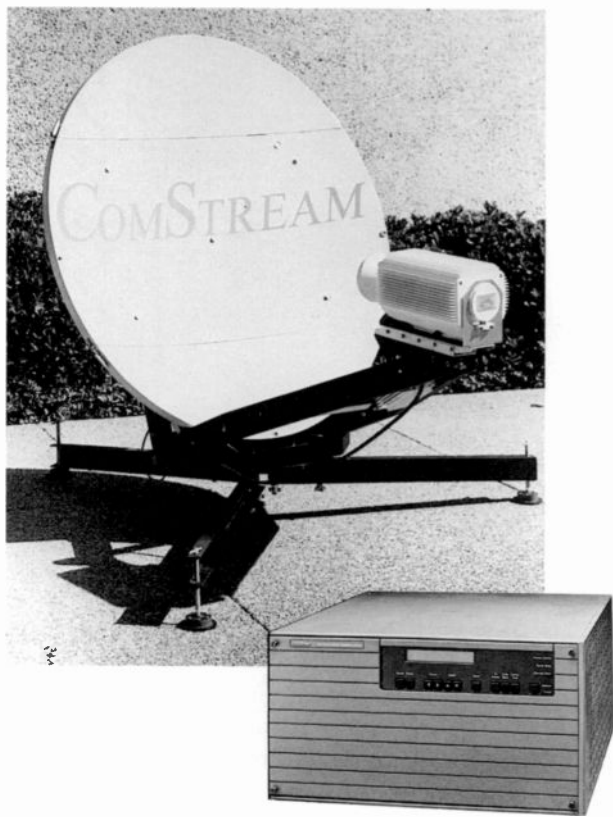
BSW sells a variety of tower lighting products including light fixtures, controllers, flashers and replacement bulbs.

Shown above is the OLI signal obstruction light with the following features: FAA approved, non-ventilated construction insures clean interior, copper-free aluminum castings, and neoprene and teflon gaskets.

OLI Mfg. List \$71.50

Call For BSW Pricing And Other Lighting Configurations

COMSTREAM



Satellite Systems

Yesterday it would have been unheard of for a radio station to have their own satellite uplink. The sheer cost of attempting such a feat would be unapproachable. Well, that was yesterday...

Today, having your own satellite uplink is probably one of the more cost effective investments your station can make. Imagine doing a remote broadcast from anywhere in the country with travel time being the only hindrance. Also, imagine your broadcasts being transmitted in full bandwidth digital, rivaling the audio quality of any equipment you own. Or consider your group of stations having its own network, sharing audio feeds and data.

If you want to transform your imagination into reality, read on. BSW is proud to represent ComStream Satellite Equipment. ComStream's innovative technology takes satellite transmission to a new level of performance for a fraction of the cost of existing technology.

ComStream offers several earth station configurations for full duplex operation. Multirate modems allow you to configure for mono or stereo at the bandwidth to match your application with a maximum frequency range of 20 Hz to 15 kHz, ± 0.05 dB at 256 Kbps, less than 0.05% distortion @ 1 kHz, and greater than 90 dB of dynamic range. This is all possible because of ComStream's new digital audio compression techniques that take up less satellite bandwidth and allow these KU-band systems to pass CD quality audio. Several antenna options are available for fixed or portable applications.

From cross country remotes, to creating your own network, the possibilities are limitless with ComStream satellite systems.

Call BSW Toll Free For More Information

TOLL FREE 800-426-8434

SCIENTIFIC ATLANTA



AD4224/4225 SEDAT Digital Audio Decoder

These two channel decoders allow network affiliates to receive CD quality digital audio programming. They utilize Scientific Atlanta's SEDAT™ digital audio compression technology to provide 20 kHz audio in one third the bandwidth of the previous DATS system.

AD4224 Mfg. List \$1,395.00

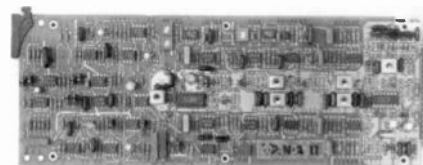
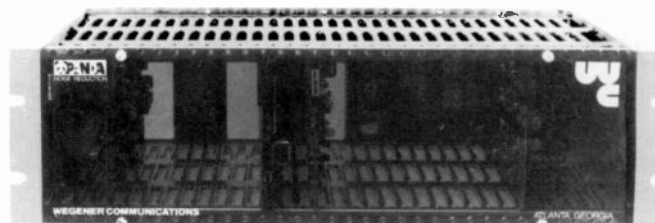
(Fits Scientific Atlanta DAT-32 (7325) Chassis)

AD4225 Mfg. List \$1,395.00

(Fits DART384 Chassis)

Call For BSW Prices

WEGENER



Satellite Radio Network Products

BSW is a stocking distributor of Wegener Radio Network products including subcarrier modulators, demodulators, tone encoders/decoders, mainframes, and stand alone satellite audio receivers.

Wegener's innovative audio products have become the worldwide standard for satellite delivered radio network programming and television network stereo sound. Over 40 domestic and international networks including Unistar, Jones Satellite Audio, and Satellite Music Network make use of Wegener products to deliver their signal. Let the professionals at BSW help you select a "custom fit" system for your application.

Call For Pricing And Configuration

ALC



Dramatic response in a small convenient size. Ideal for broadcast control rooms, studios, remote recording and quality control areas.

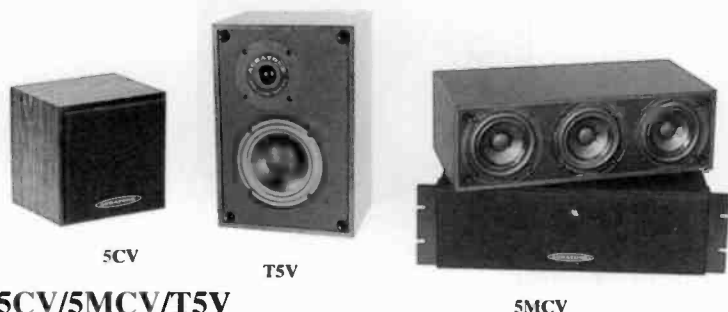
10302 Monitor Cube Speaker

- Compact 7 7/8" cube • Full range • Snap-away grill • 60 Hz to 15 kHz
- Mfg. List \$118.00/pair Call For BSW Price

20306 Monitor Speaker

- Flat response • 50 Hz to 20 kHz • 8" woofer • Walnut grain vinyl
 - Two-way system with phenolic tweeter
 - Compact 19 1/2" x 11" x 7 1/4"
- Mfg. List \$248.00/pair Call For BSW Price

AURATONE



5CV/5MCV/T5V Compact Monitor Speakers

Auratone speakers have gained a world-wide reputation as reference monitors that reflect realistic sound without excess coloration. The prime example is their compact monitor known as "the Cube". The current "Cube" is the model 5CV Super Cube with shielded magnet.

Model T5V takes the Cube a step further in a compact, shielded magnet, 2-way system that handles 50 watts of program power with an audible response of 40 Hz to 20 kHz.

The 5MCV is actually 3 shielded monitors contained in a three channel, three compartment ultra compact enclosure. It can be rack mounted and provides an excellent way of A/B testing of mono and stereo program sources.

5CV Mfg. List \$119.95/pair

T5V Mfg. List \$229.95/pair

5MCV Mfg. List \$172.50 ea.

RM525 (Rack Mount Kit For 5MCV) Mfg. List \$9.95

Call For BSW Prices

ELECTRO-VOICE



SENTRY 100A Monitor Speaker

Just because your monitor space is limited, you don't have to compromise on sonic accuracy. The Sentry 100A is a compact, no frills speaker system. It's the oldest member of the Sentry family and has become the industry standard of reliability. The Sentry 100A delivers a flat 45 to 18,000 Hz frequency response with a wide 120° dispersion at 5,000 Hz. The Super Dome™ tweeter handles a remarkable 25 watts of input power and is matched with an 8" direct radiator woofer in an optimally vented enclosure.

SENTRY 100EL

The Sentry 100EL combines the reproduction components of the Sentry 100A with an integral high performance 50 watt power amplifier that's perfectly matched to the requirements of the speaker system.

SENTRY 100A Mfg. List \$334.00 ea.

SENTRY 100EL Mfg. List \$692.00 ea.

Call For BSW Price



S40 Compact Monitor Speaker

The Electro-Voice S40 is a high-performance 2-way personal sized monitor housed in a high-impact polystyrene enclosure. It features a 5 1/2" direct-radiating polypropylene woofer coupled with a 1" ferro-cooled soft-dome tweeter. This combination produces exceptional bass response - more than any in its class - and a smooth, extended top end capable of reproducing the highest frequencies. Long-term power handling is rated at 160 watts. EV's exclusive PRO™ circuit provides independent protection for the woofer and tweeter. Optional mounting hardware provides a flexible mounting system for any application from microphone stand mounting to wall and surface placement. Available in black or white.

S40B Mfg. List \$280.00/pair

S40MBB (Mounting Bracket) Mfg. List \$30.00

Call For BSW Price

JBL



4400 SERIES Studio Monitors

The 2-way Model 4406 monitor is ideal for console or close-in listening and features a low distortion 6" woofer and pure titanium dome tweeter.

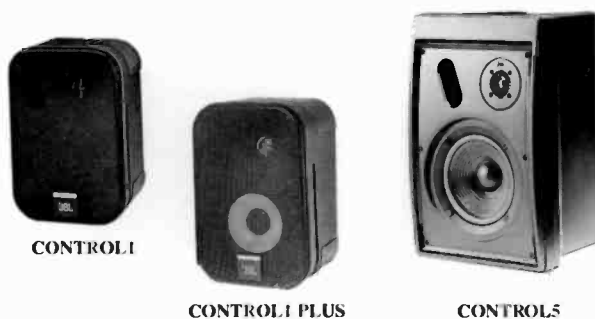
JBL's 2-way 8 inch Model 4408 is an ideal choice for general broadcast monitoring applications. Utilizes low distortion 8" composite woofer and pure titanium dome tweeter.

4410 is a 3-way, vertical array system that gives maximum spatial detail at greater listening distances. It features a 10" woofer and has outstanding power handling capabilities and fidelity.

The 3-way Model 4412 is highlighted by an ultra-large, ultra-precise 12" laminate composite woofer. Its tight cluster arrangement, superior power efficiency, increased sensitivity and extended bandwidth make it the ultimate monitor for close-in listening.

4406 Mfg. List \$250.00 ea. 4408 Mfg. List \$325.00 ea.
4410 Mfg. List \$495.00 ea. 4412 Mfg. List \$750.00 ea.

Call For BSW Price



CONTROL SERIES Compact Monitor Speakers

These speakers not only sound great, they combine rugged construction with a wide variety of mounting options for maximum flexibility. The Control 1 is a two way system with a 5 1/4" low frequency speaker and a polycarbonate dome tweeter; Frequency response is 70 Hz - 20 kHz. The Control 1 plus uses the same enclosure as the control 1, but uses a more powerful woofer and pure titanium diaphragm tweeter for even greater frequency range. The Control 5 monitor features a 6 1/2" woofer and larger carbonite for extended bass response.

CONTROL1 Mfg. List \$250.00/pair
CONTROL1PLUS Mfg. List \$295.00/pair
CONTROL5 Mfg. List \$395.00/pair

Call For BSW Prices

JBL



CONTROL10/CONTROL 12SR Monitor/Sound Reinforcement Speakers

Control 10 and Control 12SR can be used in a wide range of monitoring and P.A. applications.

Control 10 utilizes a 1" dome tweeter, a 5" midrange device and a 12" woofer and can handle 300 watts of power.

Control 12SR utilizes a 12" woofer and a Flat-Front Bi-Radial™ horn for smooth coverage and high output level.

A number of optional mounting adapters are available.

CONTROL 10 Mfg. List \$575.00 ea.

CONTROL 12SR Mfg. List \$795.00 ea.

Call For BSW Price

YAMAHA



NS10MS Studio Monitor

The Yamaha NS-10MS Studio speaker system has been created specifically for close-field monitoring in professional sound studios. Optimum woofer/tweeter matching and careful crossover design ensure smooth, natural transition between frequency ranges with minimum phase variation. Frequency response is remarkably flat from 60 Hz right up to 20 kHz, and superior transient response delivers crisp, transparent sound.

Mfg. List \$430.00/pair

Call For BSW Price

S8M Studio Monitor

Similar in appearance to the NS10M (includes grill cloth), the S8M is the answer for those needing an economical reference monitor with good quality. The S8M provides a smooth, flat response from 50 Hz to 20 kHz, a fully developed sound field and full stereo imaging within a few feet of the speaker. Features high sensitivity and high power handling capability.

Mfg. List \$180.00/pair

Call For BSW Price

Beyond The Studio!

In addition to supplying the finest speakers and amplifiers for studio monitoring, BSW has access to quality components for applications requiring greater sound output such as large remotes, mobile DJ work, and public address systems. In addition to the following speakers, BSW can provide a wide variety of speaker accessories for mounting and placement.

ELECTRO-VOICE



100S Loudspeaker

The 100S Constant Directivity speaker system is unique among portable systems. Its performance and value is unmatched by anything on the market. Highly efficient, the 100S puts out plenty of room filling sound with only modest power input. Match with the EV 100M powered mixing console for a complete portable system.

Mfg. List \$500.00

Call For BSW Price

JBL



MR SERIES Loudspeakers

MR Series speakers utilize JBL's most recent advances in transducer technology and enclosure construction for superb audio quality matched with ruggedness and low cost.

The Series features everything from floor monitors and guitar boxes to full blown PA systems.

Call For Pricing And Specifications

RAMSA



WSA200/WSA80 Loudspeakers

Ramsa loudspeakers are tough, compact, and sound great. Use them as portable monitors, for remotes, or in clubs. The durable synthetic cabinets are designed for stacking or use with floor stands or other mounting hardware.

The WSA200 features a 12 inch woofer in a ported enclosure and a high-quality compression driver mounted to a constant directivity twin bessel horn. It delivers outstanding performance from 70 Hz to beyond the audible frequency range.

The WSA80 utilizes an 8" woofer and a 1" soft-dome transducer mounted in a constant directivity horn for maximum dispersion.

For applications requiring maximum bass output add the WSA240 subwoofer (same cabinet size as the WSA200) and WSSP2 subwoofer processor.

WSA200 Mfg. List \$590.00

WSA80 Mfg. List \$280.00

WSA240 Mfg. List \$510.00

WSSP2A Mfg. List \$275.00

Call For BSW Prices

YAMAHA



CLUB SERIES II Loudspeakers

Here is a great sounding line of portable loud speakers at very economical prices. They feature rugged construction with scratch resistant coverings, locking corner caps and sockets for stacking and stand mounting, protective metal mesh grill and molded recessed hand grips. High quality Yamaha components make them a great value for the dollar.

Call For Pricing And Specifications

Need Power Amplifiers? pages 2 - 3

How About Signal Processing? pages 10 -18

Microphones And Accessories? pages 59 -66

Need A PA Console? pages 41 - 43

ANCHOR



AN1000M Powered Monitor Speaker

This full range powered monitor speaker features a balanced, line level input, 50 watt mosfet amplifier and volume control. Available options include rack mounting kits for single and dual configurations, mic level inputs, five input selector, shielded speaker magnets, and external speaker outputs. Unpowered version available.

Mfg. List \$436.00

Single Or Dual Rack Mount Kits Mfg. List \$46.00

Call For BSW Prices And Configurations

FOSTEX



6301B Amplified Speaker

The 6301 B is completely self contained. The sound is delivered from a full-range speaker that's surprisingly flat and accurate. With a frequency response of 80 Hz to 13 kHz, the 6301B makes an ideal reference monitor for producing music, radio spots or audiovisual sound tracks. The built-in 10 watt amplifier will handle anything you feed it. The 6301B's input has been designed to accept any line or instrument-level input, even from an amplifier. There's no confusion, just one 1/4" phone jack to deal with.

Mfg. List \$370.00/pair

Call For BSW Price

KOSS



SA30 Powered Speakers

These little powered speakers use 4 "C" size batteries (2 per speaker) and plug into the/headphone circuit of any piece of equipment via 1/8 " mini plug (can be modified to 1/4" for standard headphone jacks). Includes bass boost, treble boost, power indicator LED, and separate volume controls per speaker.

Mfg. List \$34.99

Call For BSW Price

6VPS AC Adaptor Mfg. List \$14.00

Call For BSW Price

TOLL FREE 800-426-8434

OMNIMOUNT



Speaker Mounting Brackets

Installing speakers is no easy task unless you use Omnimount speaker brackets. Only Omnimount offers models that allow you to mount speakers from assorted angles and locations. Weight handling ranges from 1 pound to 255 pounds. Call BSW with your requirements and we will suggest the proper Omnimount for you.

Price Based On Configuration

PIVOTELLI



Speaker Mounting Brackets

Pivotelli supports are made from the finest solid premium grade steel which is contoured at all edges and joints and coated with durable nylon finish for maximum protection. Tightly clamping grips mean you never have to drill holes in speakers or other equipment. Pivotelli supports come in a wide range of styles from simple single pivot to complex multiple pivot systems. They can accommodate cabinet sizes from 7 1/2" to 47" and weights up to 176 lbs. safely and securely.

Call BSW With Your Requirements

EXPRESS GROUP

Express Group systems represent the highest quality modular furniture in the world, bar none. Since inception, the Express Group's dedication to quality has set a standard of excellence by which all other manufacturer's products are judged. All Express Group Studio Furniture Systems feature the same high-quality materials and craftsmanship throughout.

The following features are common in all six series:

- Void-free birch plywood construction
- Poplar hard-wood as internal support pieces for added strength
- Non-splitting, non-marring, high-impact corner guards on all outside corners for protection
- Unique edging system around lower section of all modules to prevent chipping
- Numerous and generous access panels including both front and inside areas
- Quick, quarter-turn fasteners on all removeable access panels
- Factory installed rack rails
- Custom cut-outs for control consoles and turntables are included
- Large built-in wire passes
- High-impact laminates of dove gray and black. Custom colors available
- Easily adjustable leveling feet on all floor cabinets
- Built-in passive ventilation
- No use of particle board anywhere except for turntable base supports to eliminate acoustic resonance
- Shipped as fully assembled modular pieces for quick and easy installation
- Delivery of some standard units in as little as two weeks
- Standard-U models available for all series
- Exotic hardwoods available
- Specialize in custom configurations. More than 70% of all Express Group designs and fabrications are custom, one-of-a-kind products.



Call BSW For Complete Details And Pricing

MURPHY FURNITURE

Standard features on all Murphy Furniture include oak trim on all exposed edges, a bumper base covered with a non-chip material, plexiglass panels over racks near operators feet and sloped faces on all returns. Wire management and passive ventilation systems have also been incorporated into the designs.

The Elite Series offers a curved bumper base, single level construction and total modularity.

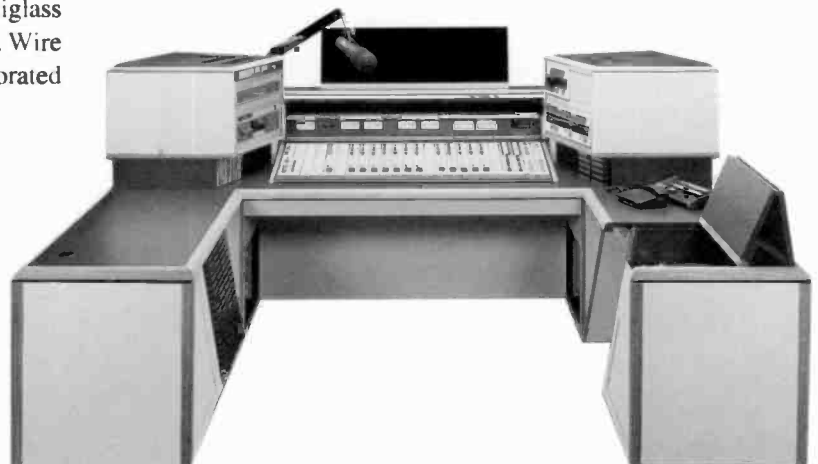
The Premier Series has a flat bumper base, bi-level construction and offers flexibility of layout.

The Dub/Edit Station is a durable desk system with a wire management area.

The Classic Series is an economy line of furniture featuring a wire management area formed by modesty panels around the outside perimeter and aprons around the inside perimeter, 1" thick oak trimmed legs and 1 1/2" x 3/4" oak trim around the counter level. There is a square rack component that sits on the countertop. This line has no undercounter rack space.

Murphy's concept is modular construction with custom fit. The flexibility of these furniture systems will address all your needs. Delivery is 2-4 weeks depending on customization required. This furniture will be shipped RTA " (Ready To Assemble) via van line carriers. Customization of any system component is available.

Call BSW For Pricing And Configuration



NIGEL B. FURNITURE



Nigel B. furniture is designed with a building block approach to allow for personalized configurations at a fraction of the cost of custom built systems. These components are of highest quality and guaranteed for life. Systems range from elaborate work systems to simple edit/dub stations, with an infinite number of combinations in between.

Each component is made with superior grade cold rolled steel between .06" - .125" thick and load tested to handle any audio or video equipment. Once formed and welded, each steel part is carefully grounded and sanded, then finished with scratch resistant, oven baked enamel. Desk tops are formed in one piece with rolled edges for comfort and safety.

Forget about waiting weeks for your furniture, with Nigel B. most items are in stock and will ship within 48 hours of receipt of order from BSW. Their pack flat approach means lower shipping costs and many items can ship UPS.

Call BSW today for a 24 page catalog showing the complete line of furniture.



PLRS



PLDERS



PLJMS/PLMS

In addition to superb furniture, Nigel B. supplies a number of rack accessories and studio support products. Shown above are the PLRS recorder stand with 13U of rack space on top and 8U of space down below, the PLDERS desktop version of the roll-around stand, and the PLJMS/PLMS mixer stands that expand to fit any mixer.

PLRS Recorder Stand Mfg. List \$299.95

PLDERS Desk Top Rack Stand Mfg. List \$159.95

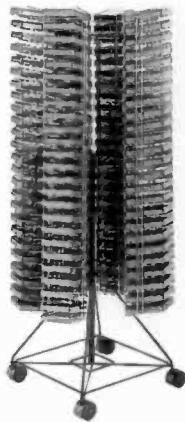
PLJMS Junior Mixer Stand Mfg. List \$189.95
(Extends From 25"-45")

PLMS Mixer Stand Mfg. List \$199.95
(Extends From 32"-56")

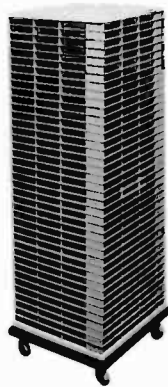
Call For BSW Prices



560



MR200



100-600

ABCO

Wire Cart/CD Racks

Models	Mfg. List
300 (Holds 300 carts)	\$408.45
500 (Holds 500 carts)	\$628.95
280 (Holds 280 CDs)	\$368.00
560 (Holds 560 CDs)	\$666.75

Call For BSW Prices

FIDELIPAC

Cartridge Racks

Models	Mfg. List
MR200 Lazy Susan (Holds 200 Carts)	\$390.00
TR48 Lazy Susan (Holds 48 Carts For Countertop Installation)	\$109.00
TR96 Lazy Susan (Holds 96 Carts For Countertop Installation)	\$194.00

Call For BSW Prices

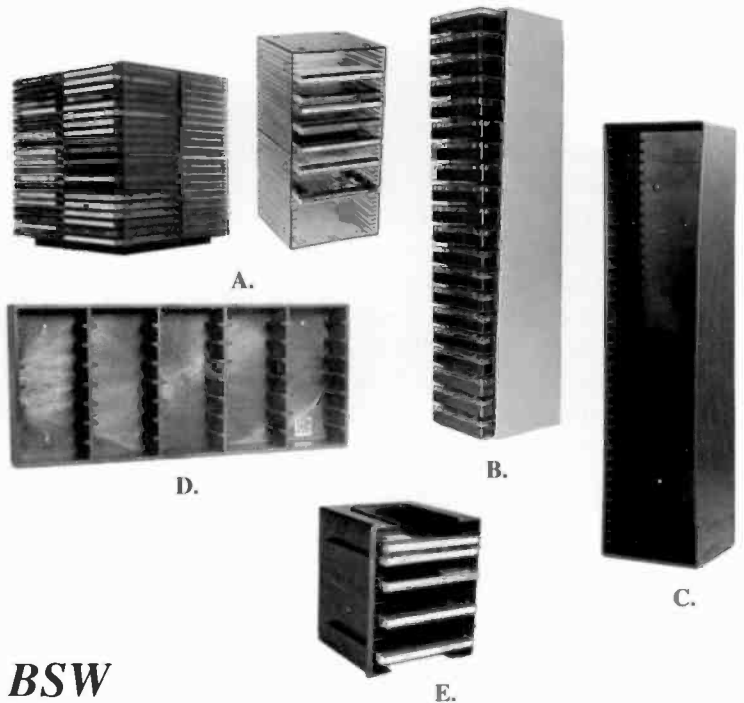
INFORMATION DESIGN

Cart Rack Systems

Features: Desk top or floor use • Modular construction for add-on expansion • High-impact polystyrene

Models	Mfg. List
100-60 (60 Carts Includes Top And Bottom)	\$115.00
100-120 (120 Carts Includes Top And Bottom)	\$169.00
100-240 (240 Carts Includes Top And Bottom)	\$278.00
100-360 (360 Carts Includes Top And Bottom)	\$358.00
100-600 (600 Carts With Flat Base And Castors)	\$649.00
115 Flat Base With Castors	\$65.00
120-1 Metal Storage Base With Castors	\$169.00

Call For BSW Price



BSW

(A) 726EK/724US CD Racks

Here's our "best value" CD storage units. The 726EK in an 80-space carousel and the 724US is a 20-space single unit that can be wall mounted or ganged in various configurations.

726EK BSW Price \$60.00 724US BSW Price \$10.00

(B) AW20 Cart Rack

Holds 20 carts, Made of high impact polystyrene, Great for wall mounting. Includes mounting screws.

BSW Price \$14.25 (Quantity Discounts Available)

(C) AW40 CD Rack

Holds 40 CDs. High impact polystyrene, wall mounting with mounting screws.

BSW Price \$29.25

BRYCO

(D) DRP40 DAT Rack

Precision formed, super tough plastic. Holds 40 DATs.

Mfg. List \$23.95

Call For BSW Price

SOHO

(E) CD1BLACK/CD1 SYSTEM CD Racks

These inexpensive, tough racks hold 12 CDs in each stackable, wall mountable unit. System consists of 12 units.

CD1BLACK (Holds 12 CDs) Mfg. list \$5.50

CD1SYSTEM (Holds 144 CDs) Mfg. List \$45.00

Call For BSW Prices

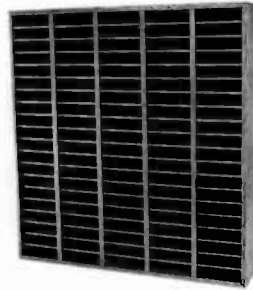
PRORAX

Storage Racks

Hundreds of stations have specified ProRax for their cartridge, cassette and compact disc storage needs. ProRax racks are constructed of the finest quality oak or mahogany hard woods. No particle board or laminates are used. ProRax carousel models have storage on two sides instead of four, allowing for easier indexing and location. The turning radius is smaller so less countertop or floor space is required. With over 27 models to choose from, we are sure to have the ProRax just right for your operation. Most models are in stock for immediate delivery.



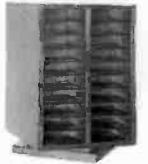
A.



B.

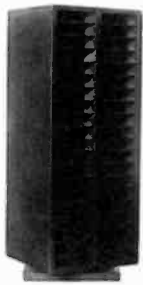


C.



D.

MODEL	DESCRIPTION	WALNUT	OAK
A. W20	Cartridge / Wall Mount - 20 space - 5 1/4"W x 24 1/2"H x 4 3/4"D	\$45.00	Call
B. PRORAX100	Cartridge / Wall Mount - 100 space - 23 1/2"W x 24 1/2"H x 4 3/4"D	\$99.95	\$112.00
C. W300	Cartridge / Wall Mount - 300 space - 23 1/2"W x 75 3/4"H x 4 3/4"D	\$347.00	\$429.00
D. C40	Cartridge / Carousel - 40 space - 13 3/4"H - Turning Radius 13 3/8"	\$79.00	\$79.95



E.



F.

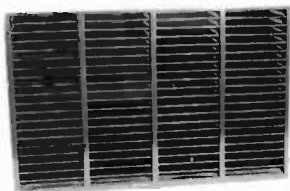


G.

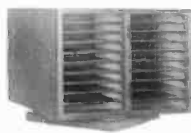


H.

MODEL	DESCRIPTION	WALNUT	OAK
E. C80	Cartridge / Carousel - 80 space - 25 1/2"H - Turning Radius 13 1/2"	\$117.00	\$124.00
F. C120	Cartridge / Carousel - 120 space - 25 1/2"H - Turning Radius 17"	\$176.00	\$187.00
G. C200	Cartridge / Carousel - 200 space - 25 1/2"H - Turning Radius 25"	\$294.00	Call
H. CD20W	CD / Wall Mount - 20 space - 6 1/4"W x 16 1/2"H x 4 3/4"D	\$39.00	\$52.00



I.



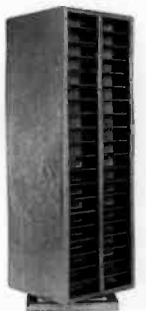
J.



K.



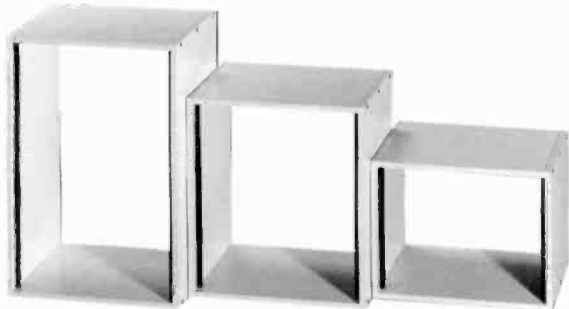
L.



M.

MODEL	DESCRIPTION	WALNUT	OAK
I. CD80W	CD / Wall Mount - 80 space - 23 1/4"W x 15 1/8"H x 4 5/8"D	\$89.95	\$104.00
J. CD40LS	CD / Carousel - 40 space - 9 1/4"H - Turning Radius 11 3/8"	\$78.00	Call
K. CS80W	Cassette / Wall Mount - 80 space - 20 3/16"W x 24 1/2"H x 3"D	\$79.00	N/A
L. DR60W	DAT / Wall Mount - 60 space - 23 1/2"H x 12 3/8"W x 2 1/2"D	\$59.00	\$75.00
M. DR80LS	DAT / Carousel - 80 space - 25 1/2" - Turning Radius 11 3/4"	\$99.00	N/A

MIDDLE ATLANTIC



RX SERIES

Equipment Racks

High quality, inexpensive equipment racks. Ship flat for easy storage. Assemble quickly with included allen key. Decorative screw caps snap on. Constructed of 5/8" thick, high density particle board, covered with gray or black laminate. Rack rails are 1/8" thick black baked enamel steel, tapped full hole spacing to fit all equipment. Rear rack rail option available. 15 7/8" Deep.

RK8 14" (8 space) Mfg. List \$108.89

RK12 21" (12 space) Mfg. List \$117.78

RK16 28" (16 space) Mfg. List \$124.44

RK20 35" (20 space) Mfg. List \$137.78

Call For BSW Prices

QUICK LOK



RS SERIES

Equipment Racks

Quick Lok offers an alternative to expensive rack cabinets with heavy duty metal tube construction equipment racks. The RS955 and RS956 are lightweight rack modules that hold up to 10 rack units each. Modules can be stacked up to three high for a total of 30 rack units of space. Both models are identical except that the RS955 has castors. The RS957 is an 8 space, table top rack that is ruggedly built and includes rubber feet for secure placement that wont scratch counter tops. All units are UPS shippable and come complete with all necessary hardware and tools for assembly.

RS955 Mfg. List \$169.95

RS956 Mfg. List \$139.95

RS957 Mfg. List \$69.95

Call For BSW Price

Call For BSW Price

Call For BSW Price

SOUNDOLIER



100 SERIES

Equipment Racks

100 Series rack cabinets from Soundolier are cost effective and come in pre-welded and knocked down versions in a number of sizes and colors. Units come with standard rack rails tapped 10-32, louvered side panels, and louvered, locking rear door.

Pricing Based On Configuration

SAUSALITO CRAFTWORKS



OMNIRAX

Equipment Racks

Omnirax from Sausalito Craftworks are a series of beautiful, yet inexpensive equipment racks. Three series are available: the "O" series in Oak, "E"-series in Grey melmine, or the "B" Series in black medite. Configurations include several models of desk-top and roll-around style racks. Shown above is the O20, 20 space oak rack featuring castors and maple rack rails that hold screws tightly while helping to eliminate grounding problems associated with metal racks. Also shown is the E146 with 14 rack spaces available on it's slanted front face and 6 more spaces available in the back. Sitting on the E146 is the E6 6-space rack.

Prices Based On Configuration And Style

BGW



Rack Accessories

BGW, the amplifier manufacturer, makes a quality line of rack mount accessories including rack shelves, fan panels and fans, blank panels, vented panels, and termination panels for XLR, D-Series, and BNC connectors.

Call Us With Your Requirements

MIDDLE ATLANTIC

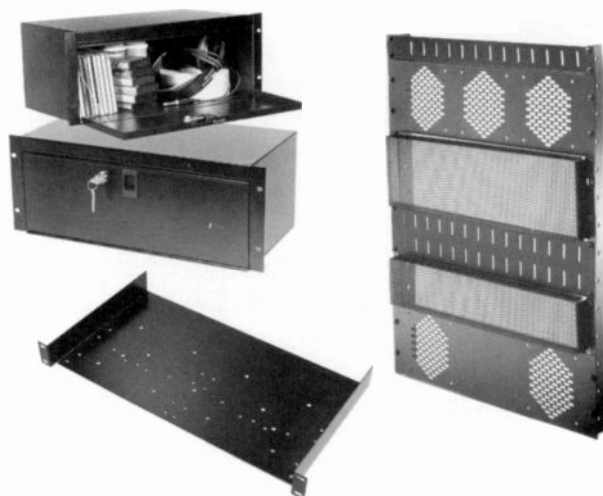


Rack Accessories

Middle Atlantic has a wide variety of rack accessory items that facilitate the mounting of just about anything into a standard 19" equipment rack. They feature a complete line of rack shelves, both stock and custom sizes to fit virtually any piece of equipment. There's a family of storage products including rack drawers and holders for CDs, DATs, cassettes and LPs. They also feature a complete line of rack panels including plain blank panels, vent panels, security covers, and custom drilled panels to accommodate the most popular connectors. Let a BSW representative help you solve the rack need you have with Middle Atlantic.

TOLL FREE 800-426-8434

RAXXESS



Rack Accessories

When you need rugged, attractive rack shelves, panels, or drawers look to RAXXES. Ask for a complete line brochure today.

TASCAM



CS607B

Roll Around Equipment Rack

Rack-n-roll your equipment with the Tascam CS607B portable rack. Ideal for engineers and audio professionals on the move. The CS607B is perfect for mounting reel-to-reel machines. Two large knobs and backing pins allow the rack frame to tilt from vertical to horizontal, so equipment can be placed in the most convenient position for your working environment.

Mfg. List \$575.00

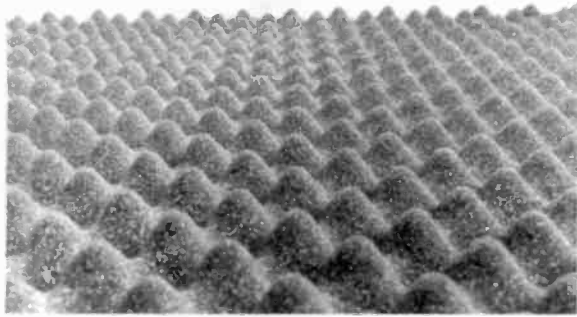
RTS14 Roll Around Transport Stand Mfg. List \$250.00

Call For BSW Price

Don't See It? - Ask Us!

This Catalog Represents Only A Fraction Of The
Thousands Of Items Available From BSW

PROFOAM

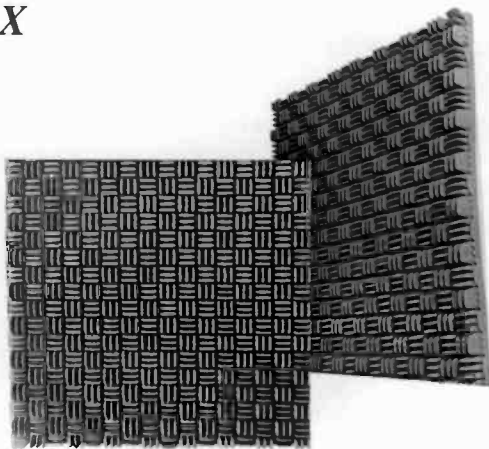


**PROFOAM
Acoustical Foam**

Profoam has become very popular in broadcast and recording environments. Large sheets make installation quick and easy. Sheet size is 4 1/2" x 6' (27 square feet). Available in 2" or 3" thicknesses. Color is charcoal grey and blends with most studio surroundings. Profoam is UPS shippable so you'll save on shipping costs and time. 2 sheets per package.

PROFOAM 2" BSW Price \$49.95 per sheet
PROFOAM 3" BSW Price \$56.95 per sheet

SONEX



Acoustical Foam

Sonex gives you the greatest choice of colors, thicknesses and sizes of acoustical treatment. Choose from 2' or 4' squares in 2", 3" or 4" thickness. Colors are charcoal, blue, brown, and beige. Sonex 1 is available for facilities such as schools, churches, offices, or anywhere Class 1 building codes are applicable.

Call For Pricing And Technical Specifications

About Acoustical Foam

Before you install any acoustical foam, it is best to check with your local fire department for regulations in your area. BSW will not be responsible for removal and return of acoustical equipment after installation. We are happy to provide samples and specifications for the asking.

FIDELIPAC

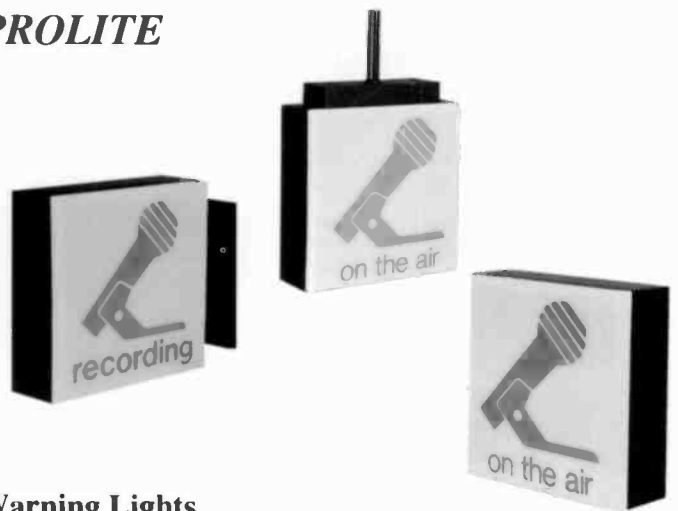


**340 SERIES
Warning Lights**

The standard warning light used nationwide. Back-lit red letters on black background. Available in several languages. Dimensions: 5"H x 10"W x 2 1/2"D. 120 volt

65340 "ON AIR" Mfg. List \$72.00 Call For BSW Price
340REC "RECORDING" Mfg. List \$72.00 Call For BSW Price

PROLITE



Warning Lights

Designed to fit a variety of interior specifications, the Prolite Architectural Series lights are attractive as well as functional to warn that a microphone is on. Housing and canopy are triple ground, cast aluminum with a baked, matte black enamel finish. Dimensions are 7 1/2" square. Two 20W, 6 1/2" long life lamps are supplied. 120 volts required for operation. Choose from 3 configurations with either on air or recording symbols.

33W6142R (Flat Wall Single Lens)	BSW Price \$87.90
33E6242R (Extended Wall Double Lens)	BSW Price \$113.25
33C6242R (Extended Ceiling Double Lens)	BSW Price \$113.25
33P6242R (Pendant Ceiling Double Lens)	BSW Price \$147.75
Extra Blank Lens	BSW Price \$11.25

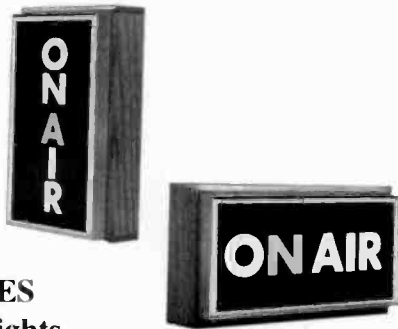
**L101
On Air Light**



Prolite L101 is a great on air light when space is the most important consideration. The L101 fits in a standard single duplex electrical box. It operates on 12 volt DC (power supply not included). Plastic lens is available in white or red color (specify).

BSW Price \$22.95

TITUS TECHNICAL LABS

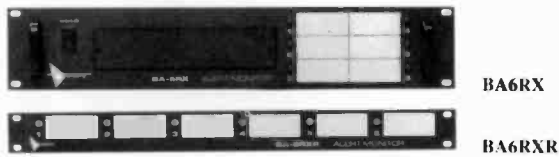


OAL SERIES Warning Lights

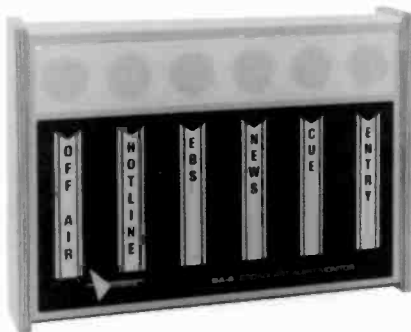
Provides the broadcaster and recording studio with a beautiful but practical means of indicating that a studio is in use. These lights feature a smoked glass window mounted in either a gold or silver frame which is attached to a solid wood mounting base. Oak is the standard wood used but custom woods are available. The warning "ON AIR" or "RECORDING" only appears when illuminated and is blacked out when not in use. Orientation is either vertical or horizontal and wiring is class-2 type low voltage.

BSW Price \$125.00

ENBERG



BA6



BA6 SERIES Alert Monitors

Off the Air... EBS warning... Telephone hotline ringing? Find out in an instant visually with the BA6 from Enberg Electronics. This practical device is attractive as well as functional and interfaces with a variety of equipment to inform you of status immediately. Features 3 modes of operation, flashing 4,000 hour indicators, opto-isolated inputs and solid state relays. The BA6RX is a rack mount version of the BA6 and is only 2U high. It is capable of driving remote displays and comes with the FN6 phone module for signaling incoming phone calls.

BA6	Mfg. List \$377.00
BA6R (Remote)	Mfg. List \$199.00
BA6RX (Rack Mount Monitor-Includes FN6)	Mfg. List \$379.00
BA6RXR (Rack Mount Remote)	Mfg. List \$119.00
FN6 (Phone Module)	Mfg. List \$35.00
Standard Label Set	Mfg. List \$15.00

Call For BSW Price

PROLAMP



LED Replacement Lamps

Our flange based multi LED miniature lamps are exact replacements for T 1 3/4 and T 1 1/4 incandescent miniature lamps. Shock and vibration proof, they keep your lighted panel and switches going "on" for 100,000 hours. Specify lamp you are replacing, color desired (red, green, or yellow), and center-tip polarity of socket.

Price Based On Configuration

LITTLELITE



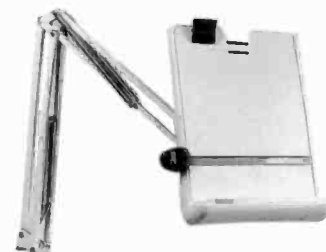
L3/12 High Intensity Light

Here's a gooseneck mounted high intensity light that features a quartz halogen bulb, a dimmer control with off position, a wall plug-in transformer with 6' cord, and permanent mounting hardware included. Perfect for illuminating turntables consoles, or equipment racks.

Mfg. List \$57.00

Call For BSW Price

PERFECT DATA



16007/16008 Copy Holders

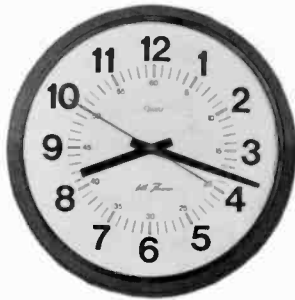
These functional, stylish holders are designed for letter, legal, and A4 size documents. A spring-loaded line guide can be mounted on either the left or right side and a spring loaded holder clip keeps copy in place. Model 16007 features a lightweight arm for normal copy, the 16008 has a heavy-duty arm for books or stacks of copy. Both holders come with a table clamp mount. Model 16055 is an extension piece that allows the holders to accommodate wider copy.

16007 BSW Price \$49.95

16008 BSW Price \$59.95

16055 BSW Price \$19.95

SETH THOMAS



**710
Wall Clock**

Here's our most popular clock that is perfect for all studios. Quartz control assures accurate time. Battery powered by one "C" cell that will last over a year. Brown case, 14" diameter. red sweep hand.

Mfg. List \$35.00 Call For BSW Price



**709
Wall Clock**

AC powered, the model 709 is easy to read from a distance. Diameter is 14" in a brown molded case.

Mfg. List \$25.00 Call For BSW Price



**2636
Wall Clock**

Quartz accuracy and extra bold dial graphics. Popular 14" case size is light beige in color. Shatter resistant, crystal face cover. Red sweep second hand. Uses one AA battery.

Mfg. List \$35.00 Call For BSW Price

ESE



**ES172A
12 Hour Clock**

Six digits, compact enclosure, bright, easy to read 0.4" red LEDs. Three setting controls - Fast Advance, Slow Advance, and Hold. Four line multiplexed BCD is present on the rear connector. Dimensions: 2.1"H x 4.5"W x 4.13"D. Case is high impact black plastic.

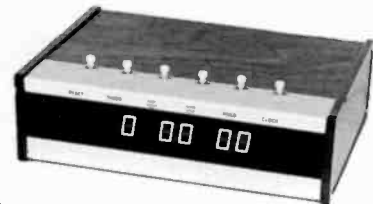
Mfg. List \$192.00 Call For BSW Price



**ES520
60 Minute Timer**

The ES520 is a four digit, sixty minute timer with start, and reset controls. Runs continuously unless stopped or reset. If stopped, display will hold time reading and when restarted will continue from last displayed figure. Reset returns display to zeros. If reset while running, timer will continue to run. Displays are .5" bright orange LED. Also features serial time code output to drive slaves. 4 open collector inputs for trigger reset and remote capability.

Mfg. List \$179.00 Call For BSW Price



**ES562E
Studio Timer**

The ES562E is a time of day clock and a count up timer. Display is in hours, minutes, and seconds. Memory allows timer to be used while keeping correct time of day.

Mfg. List \$380.00 Call For BSW Price

RADIX

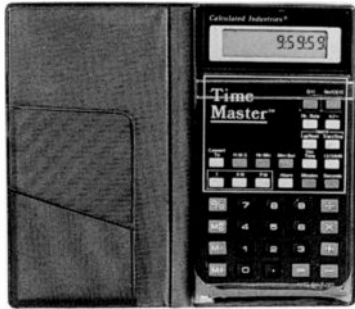


**ST500
Studio Timer**

Perfect for control room, production or news room. Time events to 9 hour 59 minutes 59 seconds. Large—Highly visible red display digits 1/2" high. Rear terminal strip interface allows remote start, stop and reset. Powerful microprocessor allows preset times from memory to count up or down. Outstanding value.

Mfg. List \$225.00 Call For BSW Price

CALCULATED INDUSTRIES

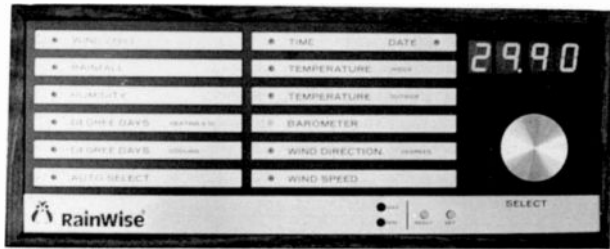


**3032 TIME MASTER
Time Calculator**

Get fast accurate answers to your time calculations in the time format of your choice with the Time Master calculator from Calculated Industries. The Time Master is a professional calculator that adds, subtracts, multiplies, and divides in mixed or like time formats. You can easily add amounts of time to points in time, convert time formats, find elapsed times, round time values, multiply by an hourly rate and much more. This useful tool is backed by a 1 year warranty.

Mfg. List \$54.95 Call For BSW Price
Ask About Frame Master™ And Frame Master Plus™ Time-Code Calculators.

RAINWISE



**WS1000
Digital Weather Station**

The WS1000 provides digital readout for time, indoor and outdoor temperature, barometric pressure, wind direction, wind speed, wind chill, rainfall and accumulates, degree/day heating, and degree/day cooling throughout the year. Maximums and minimums are provided for any desired period to the nearest hour, day, and month. The unit is 7" high, 17 1/2" long, 1 1/2" deep, and may be mounted without cutting a hole in the wall. The unit uses a low voltage transformer that plugs into a standard AC receptacle. Optional battery pack available. Computer compatible models available.

WS1000 Mfg. List \$990.00 Call For BSW Price
WS1000C (With Cable) Mfg. List \$1,068.00 Call For BSW Price

In Stock!

BSW stocks a wide variety of studio furnishings from replacement bulbs to equipment racks for immediate delivery!

RODCO



**COMPUTEMP 5
Time & Temperature Monitor**

This unit accurately monitors outdoor and indoor temperatures and time of day. Features: Temperature alarm alerts to any predetermined setting • 14-hour memory of daily high and low temperatures and the exact time of the occurrence • Continually alternating LED display • Battery back-up system to retain memory • Removable temperature sensors • Optional rotary switch for monitoring up to nine locations • 30 feet outdoor cable standard (additional lengths available).

BSW Price \$89.95

TELTEK



**INFORMER II
Digital Temperature Gauge**

For accurate temperature reporting, we recommend the Informer II. LCD display operates on one AA battery (replace yearly). Records high and low temperatures in memory. Very accurate and works in high RF fields. Includes 50 feet of cable for outside probe (additional lengths available)

INFORMER II BSW Price \$59.00

HALONCO



Halon Fire Extinguisher

One of the best investments you can make for your transmitter site and studios. BSW can supply portable hand-helds or automatic systems that you can install and maintain yourself. All Halonco extinguishers use a formulated blend of Halon that is safe for use on all classes of fire and will not cause costly damage to sensitive electronic components. The fire kill is 3 times more effective than Co2. 5 year warranty against leakage.

Prices Based On Size And Configuration

CELLABS



**LINEJACKII
Cellular Interface**

LinejackII connects your audio equipment directly to your cellular phone via balanced XLR in/out circuits. Input is mic/line switchable with a separate input for a tuner. Operates from power supplied by the cellular phone.

Mfg. List \$245.00 Call For BSW Price
Interface Cable From \$50.00 Depending On Model Of Cellular.

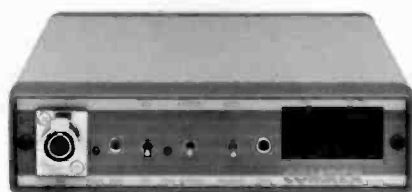
COMREX



**DXP/DXR
Digital Audio Codecs**

These digital compression devices work on all 56 and 64 Kb/s data services (such as Switched 56, ISDN and fractional T1) to provide full duplex audio with 7.5 kHz bandwidth. As digital telco services become increasingly available, the DX system can provide low cost, high quality alternatives to satellite feeds and dedicated circuits.

DXR Rack Mount Codec Mfg. List \$1,995.00
DXP Portable Codec Mfg. List \$2,195.00
Call For BSW Price



**PLXMICRO
Remote Frequency Extender**

Combine a Comrex PLXmicro Frequency Extender with your cellular telephone and create a portable, easy to use, great sounding remote broadcast system. PLXmicro Portable One Line Encoder is a battery operated duplex one line extender with a built in coupler for direct connection to either standard dial lines or cellular telephones. Monitor decoder, hybrid circuitry and headphone output are included for hands-free, two-way operation. Includes microphone and tape inputs with AGC. Optional AC power supply.

Mfg. List \$1,450.00 Call For BSW Price

COMREX



**3XP/3XR
Multiline Frequency Extender**

This is an encode/decode system that provides a frequency response of 50 Hz to 8 kHz on three dial telephone lines.

The Model 3XP Encoder is built in a rugged portable case and features "one-button" automatic dialing and setup. It also allows visual and audio communications from the receive site. The 3XR Decoder is housed in a 3U 19" rack and can automatically answer, match, and equalize the incoming telephone lines. Real time audio processing allows simultaneous program backfeed. Comrex seven band noise reduction quiets the high noise environment of long haul telephone circuits. Optional automatic satellite delay for international feeds available.

3XP Encoder Mfg. List \$6,000.00 Call For BSW Price
3XR Decoder Mfg. List \$6,500.00 Call For BSW Price



**2XP/2XR
Two Line Frequency Extender**

Comrex two line systems give you a full 50 Hz to 5 kHz of program audio using two standard telephone lines. On one line, input audio is shifted upward by 250 Hz. On the second line, program is shifted down by 2,000 so program audio from 50 Hz to 5000 Hz can pass through the telephone line. Sophisticated multiband noise suppression is incorporated to quiet noisy circuits.

2XP Encoder Mfg. List \$3,500.00 Call For BSW Price
2XR Decoder Mfg. List \$3,000.00 Call For BSW Price



**LXT/LXR
Single Line Frequency Extender**

Here is the most cost effective Comrex extender system you can buy. This basic system restores the low end on telephone transmissions, offering a substantial improvement for telephone remotes. Easy to set up and operate, the basic system works off a single dial up line. Input is line level via barrier strip.

LXT Mfg. List \$685.00 Call For BSW Price
LXR Mfg. List \$685.00 Call For BSW Price

COMREX



THX Telephone Extender Hybrid

The THX combines the Comrex TH1 telephone hybrid with a one line frequency extender encoder and decoder. It allows full two-way on-air conversation between studio talent and incoming frequency extended feeds. TH1 allows two way phone conversations, on the air and the caller is properly balanced with the studio talent. Both units feature: Wide band hybrid with built in hybrid set up • Auto or manual answer • De-clicking • Connection to any PABX • Variable ring count • Cart start • All functions remotable

THX Extender Hybrid Mfg. List \$1,850.00

TH1 Hybrid Mfg. List \$1,295.00

Call For BSW Price



TCB2A Auto Answer Coupler

It's easy to put your audio on the phone with the TCB2A auto-answer coupler from Comrex. Built specifically for broadcast use, the TCB2A is perfect for listen line applications. Just plug in the standard connectors, attach the power supply and you're ready to go. Coupler answers on the first ring and disconnects when calling party hangs up.

Mfg. List \$275.00

Call For BSW Price



TCB1A Telephone Coupler

TCB1A broadcast coupler sends and receives program material via the switched telephone network. This unit requires no external power and connections are standard modular plugs. The TCB1A contains an FCC registered coupler which provides isolation from hazardous voltages and currents and includes an active circuit to hold the telephone line. 1/4 inch jack for line level input.

Mfg. List \$135.00

Call For BSW Price

*With Our Extensive Inventory...
Chances Are
We Have What You Need
In Stock!*

GENTNER



PEOPLELINK Broadcast Telephone System

PeopleLink is a highly specialized system designed to meet the requirements of broadcasters. Its unique design and modular format permit you to configure and adapt the system to your specific requirements. PeopleLink can handle up to 40 lines and allows even non-technical people to confidently control multiple line conferences and talk shows. Digital signal processing technology is used to give maximum clarity on all lines and eliminate problems associated with analog systems. Special features include: Poll computer, automated call answering and recording, ability to conference all types of incoming lines (frequency extended or nonextended), multiple control points for independent and simultaneous use, and much more. PeopleLink works with almost any standard business telephone system, or can operate as a complete stand-alone system.

Pricing Based On Configuration



TELESWITCH Telephone Call Director

No longer do you have to 'hot wire' a multi-line telephone set to access multiple lines. With TeleSwitch, up to five lines can be directly connected, placed on hold, and routed to a hybrid or telephone set. With TeleSwitch you can conference and even record callers with the press of a button. TeleSwitch will work with most business phone systems. Operation and installation are as simple as using a multi-line telephone. Control panel lights indicate whether the line is ringing, in use, on hold, or available. Unit uses standard RJ11C telephone connectors.

Mfg. List \$995.00

Call For BSW Price

*For Your Convenience We Offer
FEDEX® Economy Two Day Service
For Just A Few Dollars More Than
Standard UPS Shipping*

GENTNER



**SPH3A
Telephone Interface**

The SPH3A telephone system provides an easy, inexpensive method of interfacing your equipment with a telephone system allowing simultaneous send and receive audio (full duplex operation). a built-in monitor amplifier eliminates the need for guests or talent to wear headsets. The SPH3A is simple to install and is fully remotable.

Mfg. List \$549.00

Call For BSW Price



**SPH5
Telephone Hybrid**

Designed after the Digital Hybrid II, the SPH5 incorporates advanced features not found in most analog hybrids. For instance, with a single push of a button you can automatically start your tape recorder to record both on and off-air calls. The cue function will route audio to the caller via the announcer mic or the mix-minus output of your console, manually or automatically, so you can talk to callers before they go on the air. Low distortion, low noise and maximum telephone frequency response ensures the best possible caller audio quality. The SPH5 represents the ultimate in analog hybrids.

SPH5 Mfg. List \$899.00

Call For BSW Price

SPH5E Mfg. List \$1,329.00

Call For BSW Price

(Includes Built-In Single Line Frequency Extension)



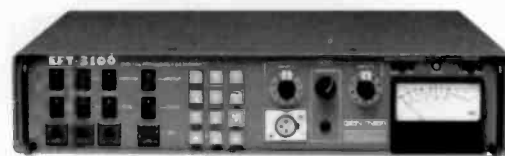
**DHII
Digital Telephone Hybrid**

Now you can take advantage of digital signal processing technology to enhance your telephone audio with the Digital Hybrid II from Gentner. The DHII delivers the best possible hybrid null so telephone audio is crisp, clear and understandable without annoying feedback or hollowness. The DHII provides a one button record feature that makes recording calls a snap. Just push the record button and DHII will automatically start your tape machine and stop it at the end of the call. The cue feature allows your talent to use the DHII off the air much like a speakerphone. A remote cue input allows you to use this function automatically via the cue position on your console.

Mfg. List \$1,795.00

Call For BSW Price

GENTNER



**EFT3100
3 Line Frequency Extender**

A revolutionary advance in technology now allows you to get 7.5 kHz on three standard dial-up telephone lines. Now you can do the whole show, even the music, from the remote. Gentner's exclusive design uses digital signal processing to give you the frequency response you want from your remotes. Set-up is quick and painless, even for one person, with automatic answer, equalization, and group delay realignment. The remote location even hears cues from the station.

EFT3100 System Mfg. List \$6,995.00

Call For BSW Price



**EFT1000A
Frequency Extender**

Have you ever wished you could send one person out to do a remote and not have to worry if all the right "switches" were in the right position at the studio? Now you can trust EFT1000A to get the job done for you with automatic answer and automatic encode-decode. Just go to the remote, phone the station and you're ready to go. The EFT1000A is capable of using two different telephone lines. You can transmit on one line and use the other for continuous cues from the station. Two units needed for complete system.

Mfg. List \$1,295.00

Call For BSW Price



**EFT900A
Remote Extender System**

There's no simpler way to get great audio from your remote over a dial-up telephone line than using the EFT900A. Its digital circuitry ensures improved audio response. In fact, all you need at the remote site is an EFT900A and a microphone. The telephone coupler, mic/line input, and headset amplifier are all built right in. No more hassles doing a remote when you rely on the EFT900A.

Mfg. List \$829.00

Call For BSW Price

GENTNER



EFT100 Frequency Extender

Here is your answer for low cost, good quality remotes. The new Gentner EFT100, for use with your existing hybrid, is a two-way frequency extender. This means you get the benefit of hearing the cues back from the station with just one telephone line. If you already have a hybrid, all you need is the EFT100.

Mfg. List \$549.00

Call For BSW Price



AUTO COUPLER Automatic Phone Coupler

If you're looking for an automatic answering and disconnect hybrid coupler, the Auto Coupler is just what you need. It gives you both "Send" and "Caller" capabilities. Use this with the EFT100 or anytime you need an automatic answer and disconnect to a telephone line.

Mfg. List \$284.00

Call For BSW Price



HYBRID COUPLER Phone Coupler

Here's a low cost telephone coupler that provides both "Send" and "Caller" capabilities. This unit turns the two wire telephone circuit into a four wire system. It's a perfect match for the EFT100 or any time you need a connection to a telephone line.

Mfg. List \$169.00

Call For BSW Price



MICROTEL 1 Telephone Interface

Gentner Engineering's Microtel I is a portable, battery operated telephone interface used in a variety of applications. Typically, Microtel replaces the hand-set of the telephone to permit high quality audio feeding down the phone line while simultaneously monitoring the return audio. Microtel I is powered by a single 9V battery. Applications: Portable mixing, studio talkback, in the field news mixing/telephone feeding, sports console/back-up sports console, mic to line driver for equalized program loops.

Mfg. List \$249.00

Call For BSW Price

GENTNER



TC100 Automatic Telephone Interface

The most versatile telephone coupler you'll find. The design not only gives you auto-answer, auto-disconnect, and latching or momentary tape starts; it allows you to use the unit as a hybrid for on-air calls, as a remote controller, as a private party line telephone intercom, and more. The TC100 is easy to install and operate, and is fully remotable.

Mfg. List \$499.00

Call For BSW Price

HENRY ENGINEERING



MIXMINUS PLUS Differential Summing Amplifier

MixMinus Plus is a differential summing amplifier designed to add a "Mix-Minus" output to a broadcast audio console. This output is typically used to feed the send input of a telephone hybrid device. MixMinus Plus subtracts the hybrid receive signal from the program output, creating a program mix, minus the receive audio. The null adjustment will provide 40dB rejection of the receive audio signal (30 Hz - 3 kHz).

Mfg. List \$195.00

Call For BSW Price



TELECART II Auto Answer Interface

An automatic answering unit that permits a standard NAB type cartridge machine to answer a telephone line and play a recorded message to the caller. Features: Digital call counter (records 999 calls) • Failsafe - permits unattended automatic operation • Built-in power supply • Works with virtually any cart machine • Cart cues for all incoming calls

Mfg. List \$225.00

Call For BSW Price

INTERALIA



V SERIES Digital Announcer

This solid state digital announcer is perfect for telephone concert information, ski reports, and weather information. Recording time up to 8 minutes is available for one or two phone lines. You could have the same announcement on both, or different messages on each line. The caller always hears the message from the beginning and the line clears immediately after the caller hangs up. Options include remote record, call count, dry contacts, and low impedance.

V22 Mfg. List \$990.00 **Call For BSW Price**
(One Line, Two Message, 32 Sec. Storage)

V23-V28 **Price Based On Configuration**
(Two Line, Two Message, 64 Sec. to 8 Min. Storage)

RADIX



TLM500 Telephone Line Mixer

This highly portable, battery powered miniconsole can turn any modular telephone into a remote broadcast studio link or telephone interview control center. To use with a telephone, simply plug the telephone handset cord into the TLM (telephone line mixer) along with a studio quality microphone and headphones. The telephone is dialed normally and incoming calls can be answered, the difference is the convenience of the microphone/headphones for broadcast operations and the quality of and control over the audio signals.

Features include:

- Mic and line inputs
- Low battery indicator
- Peak reading LED
- AC adapter available
- Headphone amplifier

Mfg. List \$229.00 **BSW Price \$198.00**

SHURE



50AC Telephone Acoustic Coupler

Ideal for voice transmission from remote locations where "hard wiring" to telephone lines is impractical or impossible. Offers convenient hands-free operation with most cassette tape recorders. Ruggedly constructed of rubber and high-impact plastic.

Mfg. List \$67.00 **Call For BSW Price**

SOUND AMERICA



RSVP Record/Send Phone

Here is the perfect, easy solution for sending or recording audio from the telephone. The RSVP from Sound America is a standard telephone that contains a built-in audio coupler. Cassette recorders will interface directly for recording or sending program material. In addition, the RSVP has an amplified electret condenser microphone for superior voice quality and a mute switch to cut out background noise while recording. Backed by a two year warranty, the RSVP is a perfect product for news and production.

RSVP BSW Price \$147.50

SVP (Without Record Feature) BSW Price \$128.75



VOICEACT Telephone Coupler

Designed to replace the mic element in older Western Electric or GTE telephones, this versatile phone coupler from Sound America makes it easy to transmit audio through the telephone. Installs in seconds and uses no batteries. Built-in mic element allows for simultaneous voice and tape feed. 1/8" tape input jack. Carrying case included.

VOICEACT WE (For Western Electric) BSW Price \$94.95

VOICEACT GTE (For GTE) BSW Price \$99.95

Same Day Shipping!

Place an order before 12 noon Pacific time (3:00 Eastern time) and all stock items will ship that same day or we will pay the freight. Nobody else can respond as quickly as BSW when it comes to processing your order. Saving time saves you money!

SYMETRIX



104A Telephone System

If telephone talk is part of your format, then the Symetrix 104A system should be a part of your station. It's a complete stand alone electronic telephone system that provides complete line handling and routing facilities thereby eliminating the need for an additional key switch. The system is simple enough to be controlled by the on-air personality from one console. Control functions for each incoming line include: seize, release, transfer to hold, transfer to cue, and transfer to air. The 104A is a 4 line system and four lines can be put on the air simultaneously. Contains two full duplex electronic hybrids (half duplex available). Allow us to send you a detailed brochure outlining all the technical specifics on this system.

Mfg. List \$2,395.00

Call For BSW Price



TI101 Telephone Interface

The Symetrix TI101 is the most practical, yet economical device on the market today designed specifically for the connection of professional audio equipment to telephone lines in broadcast and production operations. The TI101 employs a carefully engineered electronic hybrid circuit which creates a maximum trans-hybrid loss, yielding effective isolation between your studio's send to the telephone line, and your caller return signal. Your net result is clear, intelligible telephone audio.

Mfg. List \$549.00

Call For BSW Price



SX203 Telephone Interface

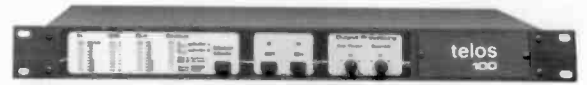
The Model SX203 telephone interface is a single line, half-duplex coupling device that provides high quality audio transfer between telephone lines and professional audio equipment. Very fast hook up and ease of operation make the SX203 ideal for radio and television talk shows and news gathering, recording studios, teleconferencing, and rental systems. Only 1/2 rack space.

Mfg. List \$389.00

Call For BSW Price

TOLL FREE 800-426-8434

TELOS



Telos 100



Telos ONE

TELOS 100/TELOS ONE Digital Hybrids

Telos 100 uses advanced digital signal processing techniques to subtract send audio from the caller output, allowing smooth, natural, two-way conversation without up-cutting or announcer voice distortion. Features include automatic adaption to each call, front panel control of caller override and caller gain expansion, and dual outputs. It can achieve trans-hybrid loss of better than 50 dB. Superb audio quality is the result of a 16-bit audio path, sophisticated filtering, and digital gain processing.

The Telos ONE is the perfect low-cost solution to your telephone-to-broadcast interface problems. The Telos ONE is capable of providing better than 40 dB trans-hybrid loss. Its features include an output pitch shifter for feedback reduction when a caller is monitored on speakers, and a switchable mic/line input.

TELOS100 Mfg. List \$2,450.00 Call For BSW Price

TELOS ONE Mfg. List \$985.00 Call For BSW Price



Digital Interface Module (DIM)

The DIM allows direct connection of up to 10 telephone lines. It includes caller conferencing capability, provision for program-on-hold, and a paging function. A special loop-through feature permits integration with many PBXs and electronic phone systems. A Key System Interface is also available for those who prefer to use a 1A2.

Control unit options include a desktop switch console; drop-in modules for BE, PR&E, and other popular radio consoles; a full-featured electronic phone for off-air answering and screening; and computerized call-screening software.

TS100DIM Mfg. List \$1,840.00 Call For BSW Price

Fax Us Your Bid List

Toll Free 800-231-7055

AMBER



**3501B
Audio Test System**

Conveniently portable and easy to use, this system comes with a balanced input and output, THD+N, IMD, Weighted and Unweighted noise measurement capability. The built-in audio generator covers a 10 Hz to 100 kHz frequency range and can deliver up to +30 dBm to test headroom of pro gear. The system can measure THD+N to below 0.0008% and noise to below -120 dBm. It measures SMPTE IMD to the standard (7 kHz to 60 Hz) but also varies the HF over a 2 kHz to 100 kHz range to let you qualify transient and slew induced distortion at high frequencies. The 3501 has a unique Narrow Band measurement capability that lets you use it as a spectrum analyzer, find crosstalk below the noise, verify tape erasure or look for hum and noise components. The highly sensitive noise meter measures wide band noise (to over 300 kHz), narrow band noise and A-Weighted noise below 1V (-120 dBm). The model 3501 is equipped with a special stereo broadcast switch matrix. Feed left only, right only, L+R and L-R and measure from up to 5 sources. A calibrated modulation percentage switch simplifies transmitter measurements. A preset frequency switch lets you have fast single button access to the popular FCC and test tape frequencies or the smooth 6 to 1 vernier for any frequency from 10 Hz to 100 kHz. An auto-ranging, fast update frequency readout reads either the generator or the external signal to 0.1 Hz resolution. Weighing in at less than 15 pounds and two thirds of a cubic foot, this instrument gives you lab quality performance in a compact, portable and easy to use format.

BSW Price \$4,950.00

DELTA



**SNG1
Stereo Noise Generator**

The Delta SNG1 offers a number of "laboratory" type features and noise weightings in a very affordable and compact package.

- Features:
- True balanced front and rear panel outputs
 - Selectable white, pink, and USASI noise spectra
 - Generates true stereo noise (uncorrelated)
 - Low DC offset
 - Close channel tracking (>0.5 dB)
 - External input offers unlimited noise envelopes
 - Outs drive either 600 or 50 ohms
 - Meets FCC/NRSC and Canadian D.O.C. requirements

Mfg. List \$590.00

Call For BSW Price

POTOMAC



**AT51
Audio Test System**

An innovative audio test system which facilitates the measurement of critical parameters in monophonic and stereophonic audio equipment. Designed primarily for commercial broadcast proof-of-performance measurements and equipment maintenance, the AT51 handles laboratory type measurements by design engineers, quality control facilities and professional high fidelity service centers. The AG51 Audio Generator and AA51 Audio Analyzer are packaged separately for remote measurements requiring physical separation of signal source and signal analyzer. Both units are RFI shielded to enable accurate measurements in high level radio frequency environments typical to broadcast transmitter facilities. Signal input and output connectors are also RFI shielded.

Mfg. List \$4,845.00

Call For BSW Price

DORROUGH



**1200
Audio Test Set**

With the 1200 you can take stereo measurements of level, balance, crosstalk, and signal-to-noise over the entire dynamic range of your audio system from noise floor to clipping. The set includes a pair of input amplifiers, a 30 dB step precision attenuator, two "B" scale VU meters (measured in 1 dB increments over a 40 dB range), and two buffered monitor outputs. Servo amplifier inputs guarantee a constant gain over all input configurations and a monitor jack provides an output for oscilloscope, headphones, or monitor amplifier.

Mfg. List \$1,650.00

Call For BSW Price

LOFTECH



**TS1
Audio Test Set**

The Loftech TS1 provides a combination of three precision test instruments and is capable of making audio frequency tests and measurements with a high degree of accuracy and in less time than conventional test instruments. The TS1 combines a low distortion oscillator, a frequency counter, and a dB meter in a compact unit complete with AC power supply. Features limited two-year warranty.

Mfg. List \$379.95

Call For BSW Price

GOLDLINE



ASA10B Audio Spectrum Analyzer

An affordable, professional quality, 10-octave analyzer covering a wide frequency range, and featuring a built-in mic. Features: IEC A or C weighting • Freeze display function • Battery or external powering • Detector decay function

ASA10B Mfg. List \$355.00

PN2 Pink Noise Generator Mfg. List \$89.95

Call For BSW Price

FOSTEX



TT15 Test Tone Oscillator

Battery operated, low distortion sine wave oscillator with five selectable frequencies (40 Hz, 400 Hz, 1 kHz, 10 kHz, and 15 kHz) and three selectable output levels (-30 dB, -10 dB and 0 dB). RCA output jack. Useful for spot checking frequency response, calibrating mixers with tape recorders and other level matching jobs. Output is constant and not affected by battery voltage or frequency. Fits in your tool box.

Mfg. List \$48.00

Call For BSW Price

WHIRLWIND



Cable Tester

Check for shorts and bad connections easily with the Whirlwind Cable Tester. Accommodates XLR, 1/4" and phono plugs. 9 volt battery required. Fits in your tool box.

Mfg. List \$57.85

Call For BSW Price

TOLL FREE 800-426-8434

BIRD



Test Equipment

Now in its fifth decade of serving the broadcast industry, Bird Electronic Corporation has been the pioneer in developing products for measurement, filtering and termination of RF power. The Company's products, originally developed in response to specific design requirements of broadcast equipment manufacturers, have since become standards of the industry. Recognizing that broadcast test equipment must be even more reliable than the transmitter, constantly on-call and totally trustworthy, Bird has achieved an enviable record of reliability.

Call BSW With Your Bird Requirements

DELTA



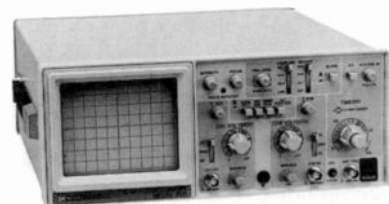
TCA JR. RF Ammeter

The TCA-Jr. series of RF ammeters from Delta Electronics provide broadcasters a reliable means of measuring low power common point and antenna base currents. To reduce susceptibility to lightning, the meter is designed for temporary installation. When the engineer needs to verify operating power or adjust power levels, the meter is simply inserted into a standard J-Plug or Delta's MJ50 meter jack. Since the meter is removable it can be used in multiple tower arrays or by a consultant or contract engineer servicing several stations.

Mfg. List \$295.00

Call For BSW Price

B&K



Oscilloscopes

B&K offers one of the industry's broadest lines of oscilloscopes with models ranging from a 15 MHz analog dual-trace unit to a versatile digital storage oscilloscope. No matter what your application B&K has an oscilloscope to meet your requirements.

FLUKE



Test Meters

75
 • Analog bar graph • 3200 count display • 0.5% basic accuracy • Auto-ranging with range hold • 10 amp & auto-ranged mA ranges
 • Continuity and diode test beeper • Three year warranty

BSW Price \$137.60

73
 • Analog bar graph • 3200 count display • 0.7% basic accuracy • Auto-ranging only • Three year warranty

BSW Price \$98.00

77
 • Analog bar graph • 3200 count display • 0.3% basic accuracy • Auto-ranging with range hold • 10 amp & auto-ranged mA ranges
 • Continuity and diode test beeper • Touch hold • Three year warranty

BSW Price \$163.35

BECKMAN



**DM78
 Digital Multimeter**

Ideal for carrying in your shirt pocket, the pocket-sized DM78 is the smallest digital multimeter on the market yet it has an easy-to-read 3/8" high LCD readout. The autorange feature automatically sets the optimum measuring range to simplify operation and to avoid overloads. Its five functions check up to 450 volts, AC or DC in four ranges, up to 2000 K ohms in four ranges, plus diodes and circuit continuity with a beeper. Includes carrying case.

BSW Price \$40.00



**AM10
 Analog Multimeter**

This pocket sized meter is built to perform the most frequent quick circuit checks with jewelled analog meter movement provides an accuracy of 4% of full scale. The unit has 16 measuring ranges in four functions plus decibels on the AC volt scale with 2000 ohms/volt sensitivity, two times scale overload protection, and zero adjust for ohms and meter movement.

BSW Price \$12.95

XCELITE



**TC150/ST
 Tool Kit**

A carefully selected assortment of Xcelite hand tools including interchangeable drivers, blades and handles, soldering iron, and measuring tape. Removable pallets in lid and base have tool pockets.

Mfg. List \$528.35

Call For BSW Price

CAIG



Since 1956 Caig Laboratories, Inc. have supplied high quality chemicals and soldering accessories for use in industrial electronic /electrical applications. Many nationally known companies rely on the performance of these quality products. Included in the product line are: Cramolin® sprays, fluids, and pastes that dissolve resistive oxides from metal surfaces and provide a long-lasting protective molecular layer to prevent oxidation and maintain maximum electrical conductivity • Caeon® cleaner removes oil, grease and dirt without harming metal, plastic or elastomeric parts. Ideal for head and transport cleaning. • Quality instrument oils • Complete line of soldering supplies

Cramolin® Blue lubricates and preserves metal contacts while Cramolin® Red provides superior cleaning, lubricating and preservation.

- R56 CRAMOLIN® Red 6 oz. Spray** **BSW Price \$8.95**
- R100L2 CRAMOLIN® Red 2 oz. Liquid** **BSW Price \$15.75**
- KR50W CRAMOLIN® Wipes (50 count)** **BSW Price \$8.95**
- K100PCRAMOLIN® Pen Applicator** **BSW Price \$9.95**
- B56CRAMOLIN® Blue 6 oz. Spray** **BSW Price \$9.25**
- CL27S / CAEON27™ 16 oz. Spray** **BSW Price \$9.95**
- CL274 / CAEON27™ 4 oz. Liquid** **BSW Price \$5.95**

Call For Additional Information On Any Of The Quality Products From Caig Laboratories

Turntables / Accessories

BROADCAST ELECTRONICS



12C 3 Speed Turntable

Features:

- Instant start, full speed in less than 1/16 revolution
- Rugged construction, only 3 moving parts
- Stereo rumble less than 48 dB (exceeds NAB standards)

Tonearm not included.

12C Mfg. List \$450.00

Drilling Fee (Specify Tonearm) Mfg. List \$15.00

Call For BSW Price

TECHNICS



SL1200MKII 2-Speed Turntable

The industry's most popular turntable is, without a doubt, the SL1200MKII. Two-speed, quartz accurate with fast start-up time, it's the perfect addition to your control room. For production, the pitch change adjustment of $\pm 8\%$ comes in handy. The SL1200MKII includes base, dust cover, and tonearm.

Mfg. List \$549.95

Call For BSW Price

RUSSCO



STUDIOPRO B 2 Speed Turntable

Features:

- Precision engineered for quiet, dependable operation
- Solid cast aluminum chassis and turntable
- Illuminated speed indicators
- Rim drive offers fast start-up
- Detachable tonearm mounting plate

Mfg. List \$509.00

Call For BSW Price

TOLL FREE 800-426-8434

RUSSCO



MARKV 2-Speed Turntable

MarkV delivers heavy-duty quality at a reasonable price. This precision turntable gives you extremely quick starts: only 2 inches of back-cue at 33RPM, and its deluxe isolated belt rim drive makes it quiet. Speeds are variable by 10% and a bright LED readout shows the actual platter speed. Features: Extra heavy cast aluminum platter with built-in 45 adapter, low profile design, detachable tone arm plate, remote stop/start.

Mfg. List \$749.00

Call For BSW Price

AUDIO-TECHNICA



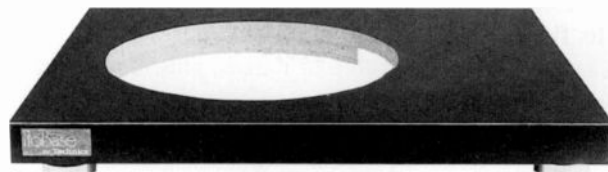
ATP12T Professional Tonearm

Features removable headshell and adjustable tracking weight. Fits a wide range of turntable heights and base thicknesses.

Mfg. List \$299.00

Call For BSW Price

PROBASE



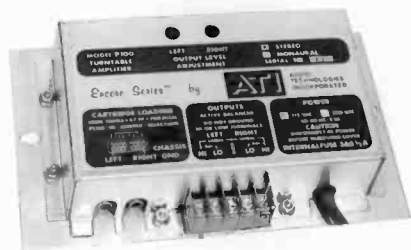
PROBASEII/PROBASEIII Turntable Bases

Here is a cost effective way to house Technics SP-25 or SP-15 turntables. Probase is 1 1/2" sound absorbing particle board with durable black formica overlay. Heavy duty isolation feet stop feedback and countertop vibration from being transmitted through turntable. ProbaseIII is harmonically balanced for turntable and tonearm to virtually eliminate all transient vibrations going through the system, achieving outstanding sonic quality from your turntable. Nothing on the market is finer, regardless of price. For an extra charge, your Probase can be custom drilled for the tonearm of your choice.

PROBASEII BSW Price \$135.00

PROBASEIII BSW Price \$218.00

ATI



P100S Turntable Preamp

This preamp offers state-of-the-art specs in a cost effective enclosure. Quality components allow the P100S to achieve a 90 dB signal to noise ratio, channel separation of 60 dB minimum distortion 0.1% maximum 20 Hz - 20 kHz.

Mfg. List \$299.00

Call For BSW Price

RADIX



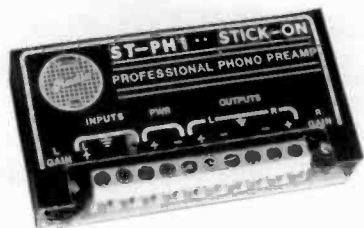
TP500 Turntable Preamp

Superb specifications make this Radix model ideal for stereo, or two channel monaural use. And yet, the cost remains competitive with other quality brands. Specifications: Distortion: less than .01% at full output • Noise: better than 76 dB unweighted • Channel separation: 90 dB • Output: +20 dBm single ended 600 ohms +25 dBm balanced 600 ohms • Compact enclosure - easy to install • Outstanding RF immunity

Mfg. List \$289.95

Call For BSW Price

RADIO DESIGN LABS



STPH1 Turntable Preamp

The STPH1 provides accurate, low noise preamplification at very low cost. This stereophonic device offers both balanced and unbalanced, hi and low-z outputs with level controls for left and right output. Total harmonic distortion from 10 Hz to 30 kHz is <0.03% with hi-z load and <0.015% with 600 ohm load. Equalization follows the RIAA curve. Since it's part of Radio Design Labs' stick-on series, it's small enough to stick on the back of your turntable base.

Mfg. List 109.95

Call For BSW Price

STANTON



310B Stereo Phono Preamp

The 310B is designed to correctly interface all Stanton and selected magnetic phonograph cartridges for optimum playback of disk records and calibration of audio systems. The 310B features universal mounting, instant selection of flat or NAB postemphasis curves, switchable, effective rumble filter, individual adjustments of gains and high frequency responses, trimming of cartridge loading, either 117 or 230V operation at 50 or 60 Hz, and immunity to external magnetic AC fields. The 310B can be used in balanced as well as unbalanced modes and in-phase and out of phase mix of L and R channels for monophonic reproduction of older records.

Mfg. List \$295.00

Call For BSW Price

DISCWASHER



D4SYSTEM Record Cleaner

Cleans without reduction in record dynamics and fidelity. D4 fluid lifts & suspends contaminants in solution from record surface. D4 pad fibers are directional, lifting dust rather than lining it up.

D4SYSTEM

BSW Price \$15.15

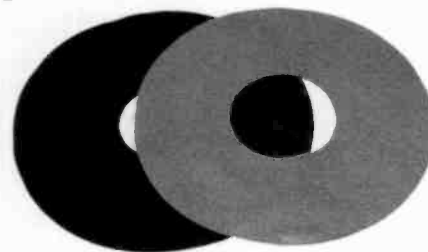
D46OZ (6 Oz.) Refill Bottle

BSW Price \$8.45

D416OZ (16 Oz.) Refill

BSW Price \$13.75

RUSSCO



Turntable Felts

Replacements for use with Russco or other brand turntables requiring felt platter pads. Available in the following colors: blue, red, green, yellow, orange, brown, black, and burgundy. Requires adhesive - We recommend standard contact cement or spray adhesive.

BSW Price \$4.00 ea.

Turntable Cartridges - Wire

STANTON



Cartridge

Model	BSW Price
500AMKII	\$14.50
500AL	\$18.75
500EMKII	\$18.00
500EEMKII	\$16.70
681A	\$54.00
681SE	\$58.00
681EEMKIIIS	\$70.85
881SMKIIIS	\$96.70
680AL	\$49.50
680EL	\$53.30

Replacement Styli

Model	BSW Price
D50AMKII	\$9.00
D5107AL	\$11.40
D50EMKII	\$10.00
D50EEMKII	\$12.90
D6807A	\$24.30
D6800SE	\$29.25
D6800EEEIIS	\$33.70
D81IIS	\$56.25
D6800AL	\$19.20
D6800EE	\$29.25

SHURE



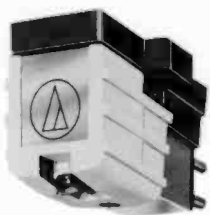
Cartridge

Model	BSW Price
M44-7	\$29.90
M44-C	\$29.90
M44-E	\$33.50
SC35C	\$47.00
SC39B	\$66.00
SC39EJ	\$73.50

Replacement Styli

Model	BSW Price
N44-7	\$16.80
N44-C	\$16.80
N44-E	\$20.20
SS35C	\$18.00
SS39B	\$26.50
SS39EJ	\$33.50

AUDIO-TECHNICA



Cartridge

Model	BSW Price
ATP 1	\$26.00
ATP 2	\$34.70
ATP 3	\$46.70

Replacement Styli

Model	BSW Price
ATPN1	\$15.30
ATPN2	\$20.70
ATPN3	\$29.30

TOLL FREE 800-426-8434

BELDEN



8451

Multi Purpose Wire

This popular 2 conductor wire with drain is perfect for studio installations. 1000' lengths are available in the convenient UN-REEL. BSW can provide you with Belden wire for any application.

8451BLKBOX (1000' - Black) Mfg. List \$146.78

Call For BSW Price

WEST PENN WIRE



291

All Purpose Wire

Twisted pair, 22 AWG, stranded tinned copper, aluminum foil shield with 24 AWG tinned copper. Drain wire. 1000' reels. Your choice of colors: red, blue and grey. Other multi-pair wire available from BSW. Call us for your wiring solution.

Mfg. List \$97.60

Call For BSW Price

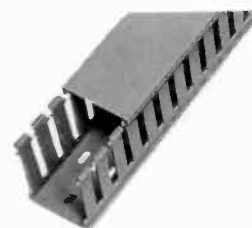


Multi-pair Audio Cable

BSW can handle all your multi-pair cable needs with a number of different grades, lengths and configurations. Our multi-pair cable manufacturers include Belden, ProCo, WestPenn, and Whirlwind.

Call BSW With Your Requirements

PANDUIT



Wiring Duct

Width: 2 inches. Height: 2 inches, Length: 6 feet.

Mfg. List \$26.95

Call For BSW Price

Order From BSW 3 Different Ways

1. Phone Toll Free 800-426-8434
2. Fax your order Toll-Free 800-231-7055
3. Photocopy this order form, fill out, and mail.

Billing Address:

Call Letters/Co. Name _____

Address _____

City _____ State _____ Zip _____

Phone # (____) _____ Fax # (____) _____

Attn: _____

Shipping Address: (Street address required)

Call Letters/Co. Name _____

Address _____

City _____ State _____ Zip _____

Phone # (____) _____ Fax # (____) _____

Attn: _____

QTY	MODEL #	DESCRIPTION	PRICE*	EXTEN

Prices confirmed by BSW Sales rep _____

Date _____

SUBTOTAL _____

***SHIPPING/HANDLING** _____

Please indicate desired method of shipping:

____ UPS Surface ____ Federal Express Economy (2 day)

____ Federal Express Overnight ____ Other (specify) _____

TOTAL _____

Please indicate method of payment:

____ Visa ____ MasterCard ____ Money Order ____ Company Check

____ Personal Check ____ Open Account/Net 30*

Credit Card Acct Number _____

Expiration Date _____

Name Imprinted on Card _____

Card Billing Address _____

City _____ State _____ Zip _____

*Net 30 day billing offered to accounts on approved credit. Should you desire an open account, please fill out credit application on page 120. *Shipping charges are based on actual shipping weights so please call for price quote if paying in advance. Shipping charges will be added to credit card if provided. All prices are subject to verification and change. A BSW representative will phone you for complete confirmation prior to shipping product. Personal checks gladly accepted up to \$1,000.00, subject to Tele-Check approval.

Credit / Lease Application



BROADCAST SUPPLY WEST

America's Full-Time Broadcast Supplier

7012 27th Street West
Tacoma, Washington 98466

* Items For Lease Application Only

Applicant/Lessee (Important to list name of legal entity)			
Legal Name and Trade Name			Date
Street Address		City, County, State	Zip Code
Billing Address		City, County, State	Zip Code
Contact Person	Title	Telephone # ()	
Nature of Business	# of Years In Business	Type of Business (Circle One) Proprietorship Partnership Corporation Government	

* Where is the equipment to be located if not at above address? (Shipping Address)

Address	City, County, State	Zip Code
---------	---------------------	----------

Parent Company

Name	Contact Person	Telephone # ()
Address	City, State	Zip Code

Bank References

Name of Bank/Branch	How Long?	Checking Acct. #	Telephone # ()	Account Manager
		Loan Acct. #		
Name of Bank/Branch	How Long?	Checking Acct. #	Telephone # ()	Account Manager
		Loan Acct. #		

Trade References

Company Name	City, State	Telephone # ()	Contact Person
Company Name	City, State	Telephone # ()	Contact Person
Company Name	City, State	Telephone # ()	Contact Person

* Personal Information on Owners, Officers, Partners, or Guarantors

Last Name	First	Middle	Title	Social Security #
Home Address		City	State	Zip Code
Home Phone #				
Last Name	First	Middle	Title	Social Security #
Home Address		City	State	Zip Code
Home Phone #				

* Vendor Information

Transaction Summary

Broadcast Supply West	Vendor # 123450	Lease Plan	Term
7012 27th St. West Tacoma, WA 98466		Number of Advance Payments	Rate Factor
Contact Person	(206) 565-2301	Total Transaction (equipment cost, shipping, sales/use tax, installation)	

* (Lease Application Only)

Lease Applicant & Guarantor(s) authorize BSW and its affiliates to investigate their financial responsibility and creditworthiness, and Credit Applicant & Guarantor(s) agree to provide financial statements, tax returns, or other credit-related information as necessary. Financial statements required on all transactions of \$25,000 and over. Personal guarantees on all transactions for business less than two years old.

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Denise C. Knudson (ILLUSTRATOR/GRAPHIC DESIGNER)

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S U P P L Y W E S T

CATALOG

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