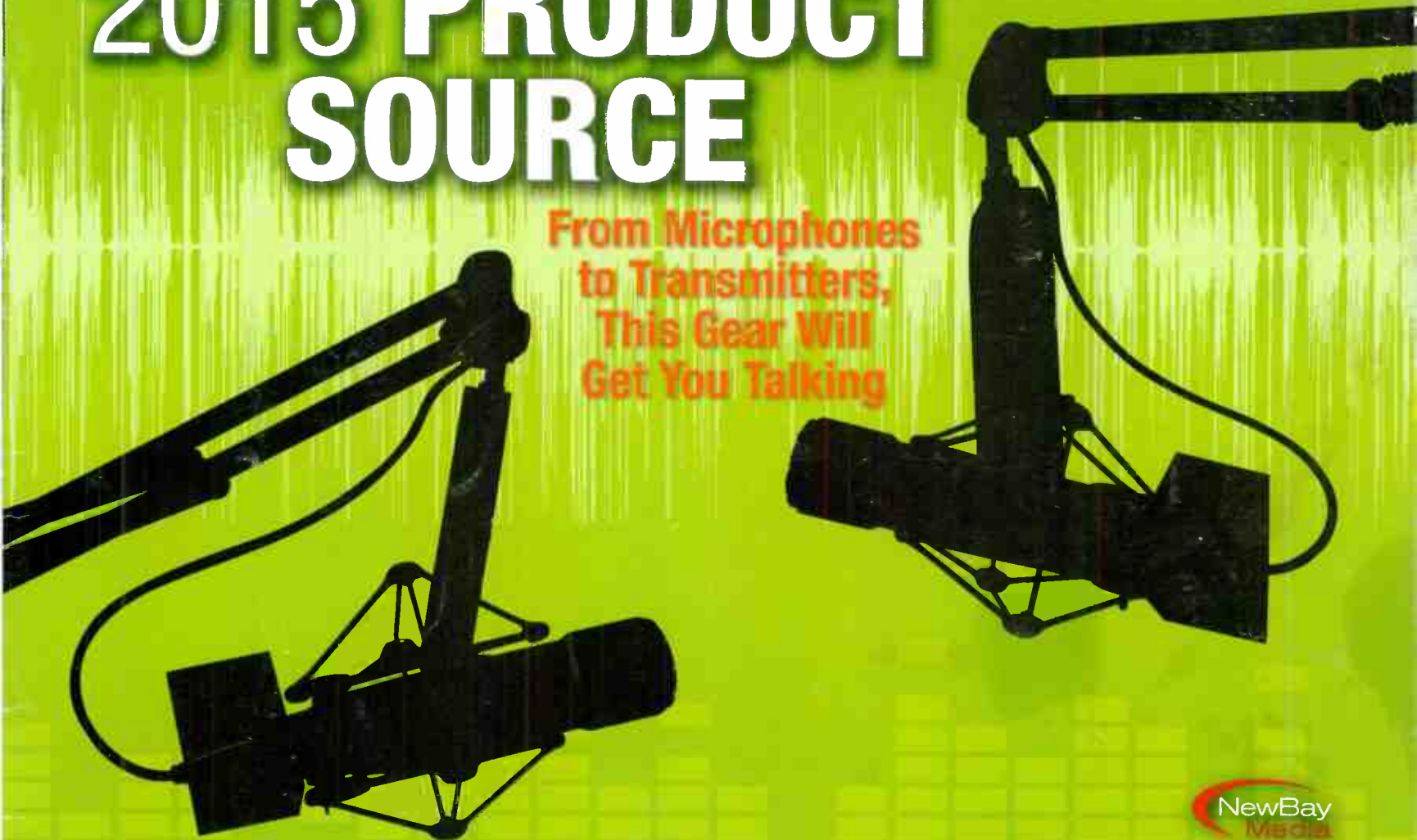


Radio

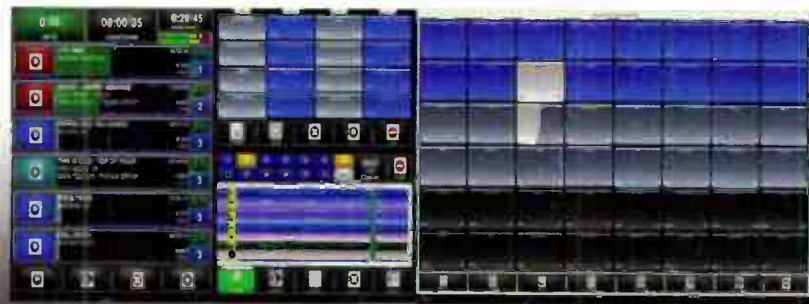
THE RADIO TECHNOLOGY LEADER

2015 PRODUCT SOURCE

From Microphones to Transmitters, This Gear Will Get You Talking



A supplement to *Radio* magazine



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Like Clockwork



ANALOG FM & HD1 PERFECTLY IN SYNC

Inovonics' new JUSTIN 808 maintains time alignment between analog FM and HD1 channels to within 23 microseconds (± 1 sample)! No more lost words, stuttering, echoes, or level shifts. The entire sync process is 100% automatic. Nothing for you to do but sit back and watch in awe as it does its thing.

The JUSTIN 808 uses your actual off-air signal and powerful autocorrelation algorithms to keep analog and digital modes faultlessly in step, hour after hour, day after day.

- Precise time alignment between analog FM and HD1
- Automatic phase correction and RMS gain leveling
- Insert in either the FM or HD Radio AES digital feed
- Full Web interface for remote control, metering, etc.
- SMS/email alarms for loss of signal and loss of audio
- Extensive data logging with graphic display
- Auto failover with relay bypass

IN PRODUCTION NOW FOR DELIVERY IN MAY, 2015



inovonicsbroadcast.com/model/808

sales@inovonicsbroadcast.com

phone: 800-733-0552

Keep Your Gear Up To Date

In today's competitive media environment, it's more important than ever for radio stations to be technologically current. Broadcast engineers utilize (and maintain) a lot of gear and often do so on tight budgets, therefore it's crucial to know about tools on the market that keep your station in tip-top shape.

This year's Product Source features a broad variety of equipment and services, covering nearly every segment of content creation and distribution for radio broadcasts. Each listing offers a detailed description of the product or service and the company's contact information. All of the products detailed here are cataloged on radiomagonline.com, too.

We also highlight products that were awarded "Best of Show" in April by Radio magazine at the 2015 NAB Show.

While we may cover some products with which you are already familiar, I hope you also discover some new ones to consider.

Thanks for reading the 2015 Product Source.

*Doug Irwin, Technical Editor
Radio magazine*

OMNIRAX FURNITURE COMPANY

Phoenix Line

In response to requests, for Innova Line design, quality and flexibility, at budget value pricing, Omnirax says it developed the Phoenix Line — the "productionization" of Innova. Now you can get a distillation of custom designs built with the same rugged materials and constructed with the same techniques, at a lower price point.

The initial offering consists of three basic configurations — Air, Production and Talk, each available with a variety of add-ons that afford additional space or functionality. The entire line is flexible and fluid, allowing for further modifications.

The company intentionally wraps its countertops around operator positions to create more real estate close at hand and also "scallop" the guest positions so that newcomers know where to sit. The company ships fully assembled rack components, flat-packed countertops and support panels along with our proprietary G-Bar Raceway system hardware.



➔ broadcast.omnirax.com

info@omnirax.com

(800) 332-3393

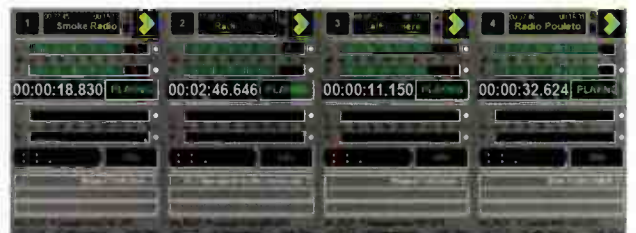
NETIA

AirPlayList Automated Broadcast Module

The AirPlayList module for Netia's Media-Assist software suite facilitates automated on-air playout of multiple radio channels simultaneously and with guaranteed redundancy. Because the module is AES67- and audio-over-IP-compliant, users can broadcast either from a traditional physical sound card or using IP-based virtual drivers.

Built on a distributed elastic architecture, the AirPlayList module augments the overall reliability and robustness of playout. In high-demand scenarios, the AirPlayList user interface supports centralized control and monitoring of many different playout systems installed across different servers. Users can access any broadcast media or channels located within separate rather than one central database. With the module's Web-based interface, remote users can easily access the module to monitor or supervise playout. The module offers the choice of one-to-one redundancy or a one-to-N option. The latter option employs a dedicated pool of servers to ensure that a secondary server can recover media and ensure an uninterrupted broadcast.

Any playlist created and generated within Netia radio automation software may be distributed with AirPlayList. Logs for any broadcast item may be accessed and monitored via the Air Run module.



➔ www.netia.com

contact@netia.com

+33-46-759-0807

BROADCAST DEVICES INC.

BDI Stack

BDI introduces the “BDI Stack” Remote Control graphical user interface.

This new software is available for Windows and Android operating systems and provides complete monitor and remote control of all BDI digital audio and RF monitor support products including the ATB-300, GPM-300 and DAB-300 audio toolbox series and the new AES-400 series of digital audio switchers.

On the RF support side, the new GUI can monitor and control the BDI DPS-100D series of power meters and the SWP series of motorized switch controllers and antenna monitors. This software will ship in September and will be compatible with all BDI products listed shipping from September 2015

on. This package allows you to build a “stack” of remote control functionality inter or intra site. Now you can configure BDI products from one site or from multiple sites all on one screen on a control room monitor or on an Android-equipped tablet or phone.

The BDI “Stack” will be available for free download from the website and will ship with all new orders as of Sept. 1, 2015.

www.broadcast-devices.com

customer-service@broadcast-devices.com
(914) 737-5032



SHURE

Motiv Digital Microphones

Shure made a splash with its Motiv Digital Microphone line. Its new lineup is intended to help video and audio professionals capture quality audio on the go. These portable devices are plug-and-play, with a nifty retro design and 24-bit/48 kHz audio.

The line includes the MV5 Digital Condenser Microphone, MV88 iOS Digital Stereo Condenser Microphone, MV51 Digital Large-Diaphragm Condenser Microphone, MVi Digital Audio Interface and an iOS Mobile Recording App.

The MVi Digital Audio Interface connects any XLR microphone or 1/4-inch cabled instrument to an iOS device, Mac or PC. It has five DSP preset modes and includes Shure's onboard touch-panel control for access to gain, phantom power, mute and headphone volume adjustments.

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The Acoustics First Double Duty Diffuser is available in white thermoplastic, standard Guilford of Maine FR701 Style 2100 fabric or other factory approved finish.

The units serve “double duty” as diffusers and true bass traps below 500 Hz, with their center frequency of absorption determined by size.

They are available in wall or ceiling mount 2-feet x 2-feet, 2-feet x 4-feet, 4-feet x 4-feet and larger.

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The Comrex IP Codec line is designed for reliable IP broadcasting in a variety of circumstances. For remote broadcast, the Comrex ACCESS 2USB is a portable audio codec built for reliability. With two USB ports and an Ethernet port, ACCESS 2USB is compatible with a variety of 3G/4G USB cellular data modems and also comes with a USB Wi-Fi and POTS modem for flexibility. ACCESS 2USB is also equipped with a suite of tools, including BRIC and BRUTE technology, to provide solutions for a clean and reliable broadcasts. The BRIC-Link II is a solution for audio-to-IP conversion. Leveraging many of the core technical aspects of the remote broadcast ACCESS product line, BRIC-Link II provides a way of moving linear or compressed audio with very low delay. BRIC-Link II can be deployed over a wide range of IP links. BRIC-Link

II maintains audio specifications and hardware reliability, making the system suitable for STLs and other mission-critical functions without the expense required of more full-featured codecs.

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INOVONICS

JUSTIN 808 FM/HD Radio Alignment Processor

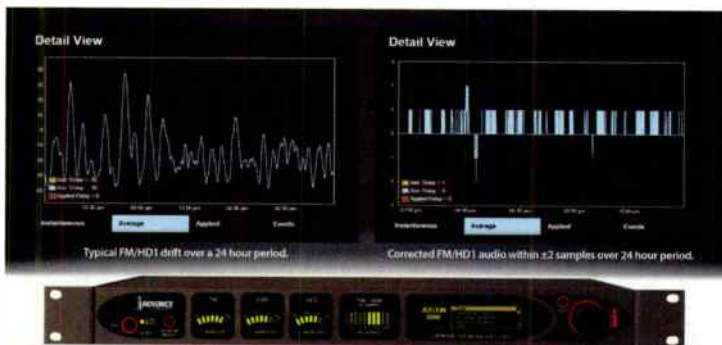
The JUSTIN 808 solves a problem that broadcasters have been grappling with since adding simultaneous HD1 transmissions to their FM radio programs. It eliminates stuttering, echo and ducking that listeners hear when their radios crossfade between modes, Inovonics says.

Operation is fully automatic, and the JUSTIN's Web interface features SNMP support and dispatches email and SMS alarm messages.

The JUSTIN 808 FM/HD Radio Alignment Processor synchronizes the simultaneous FM & HD1 radio broadcasts, providing optimal alignment and continuous re-alignment between the FM & HD1 transmissions. Both signals blend so there is no discernible difference to the listener when their radio shifts between the FM and HD1 broadcasts.

➔ www.inovonicsbroadcast.com

sales@inovonicsbroadcast.com
(831) 458-0552



 Inovonics' JUSTIN 808 solves the FM/HD1 time alignment problem with ease.

WORLDCAST SYSTEMS

APT SureStreamer

WorldCast Systems says its APT SureStreamer enables broadcasters using single-port IP audio codecs to reduce costs or increase the reliability of their system.

This release makes SureStream available to those operating IP audio codecs from any manufacturer, and adding the APT SureStreamer into the network to achieve the quality and reliability of a managed service (or T1 /E1 link).

It is an add-on device inserted between the existing IP audio codec and the network. The SureStreamer sends the same audio content over divergent paths for increased redundancy, then ensures one reconstructed stream is produced by the decoder.

A further application helps reduce costs associated with feeding multiple codecs acting as decoders. The SureStreamer can act as a "multicast or multiple unicast node."

➔ www.worldcastsystems.com

ussales@worldcastsystems.com
(305) 249- 3110



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CIRCUITWERKES

Webservers

CircuitWerkes has introduced a new line of Webservers for many of its Web-enabled products, including the popular Sicon-8 remote control.

The new Webservers are more powerful than their predecessors and are capable of enhanced graphics. Onboard logging and support for routine emailing of logs and alarms via Gmail and other secured servers are just a few of the many improvements that have been made. The Webservers have their own event scheduler with split second precision and NTP support. The real-time clocks are DST-aware. Up to 50 events can be created. Autonomous action sequences can be created that respond to alarms or event schedules. Five email recipient lists let you separate alarm notifications to different groups. Webservers are configurable for static or dynamic IP addresses and port assignments. Dynamic DNS via different DNS redirect services is supported. Firmware is field upgradeable. An option for streaming audio (half duplex, send or receive) is available for most CircuitWerkes Web-enabled products.

The Webservers are available for the WAM-2, SiteSentry2, SiteSentry4 and Sicon-8. Many older Web-enabled products can be retrofitted.

➔ www.broadcastboxes.com

sales@circuitwerkes.com | (352) 335-6555



SABRE TOWERS

S3TL Series

Sabre offers a pre-engineered lightweight line of self-supporting towers designed to carry lighter loads. Appropriate for a number of communications applications, these three-legged towers vary from ultra-light load capabilities to medium-duty. All steel parts are hot-dip galvanized to ensure uncompromising integrity in the most severe climates. The S3TL series is suitable for medium loads, with tubular legs and angle bracing. Sections are available in 5-, 10-, 15- and 20-foot lengths of up to 240 feet.

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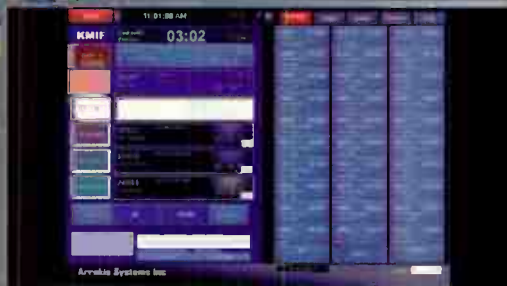
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MODULATION INDEX

StreamS Live Encoders

From the creators of the Orban Opticodec-PC line of streaming encoders and originator of HE-AAC streaming, Greg Ogonowski and Nathan Niyomtham, comes a new line of streaming encoders.

StreamS Live Encoder features Fraunhofer AAC/HE-AAC/xHE-AAC and can be used with any Windows Sound Device. For legacy streaming, StreamS Live Encoder offers the new Icecast2 and SHOUTcast 2 ICY protocols, as well as RTMP and RSP/RTP. StreamS Live Encoder is available with StreamS HLSdirect.

StreamS HLSdirect allows live streaming by leveraging Web server or cloud storage infrastructures. This also takes advantage of CDNs with load balancing and edge server topologies already in place. Since all the streaming audio and metadata assembly is done in the encoder, and the servers do no disassembly, precise realtime metadata is achieved.

StreamS Live Encoders are available in several different versions.

The single audio source version is a standard Windows Application. The four- and eight-source versions run as a Windows Service and allow four encoders per session for a total of 16 and 32 outputs, respectively.

All encoders can use any Windows Audio Device, including virtual audio devices and audio-over-Ethernet protocols, such as RAVENNA, Livewire, and WheatNet-IP. Systems with playout software running on the same computer no longer require soundcards.

StreamS will also be providing hardware systems featuring digital, analog, and AES67 AoIP audio inputs.

These systems are available in various configurations, and are customizable. Both software-only and system solutions can be packaged with Orban Optimod 1600 Native audio processing.

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TIELINE

Bridge-IT IP

Use Tieline's Bridge-IT IP audio codec to expand your IP network. Multi-unicast stereo audio to six different end-points from a single codec, or multicast over compatible IP networks.

Bridge-IT offers 16 Bit, 22kHz linear audio, MPEG Layer 2, Opus, Tieline Music and MusicPLUS, G.711 and G.722 algorithms as standard, with optional apt-X Enhanced, LC-AAC, HE-AAC, AAC-LD and AAC-ELD.

Bridge-IT is EBU N/ACIP Tech 3326 compatible over SIP with automatic SD card audio backup. It features analog and digital XLR in/outs, a front panel keypad and LCD display, plus the Toolbox Web GUI for remote configuration.

Bridge-IT also offers SmartStream technology to deliver audio over IP.

www.tieline.com

sales@tieline.com

(317) 845-8000



BROADCAST BIONICS

Virtual Director

Broadcast Bionics Virtual Director allows on-air staff to capture and share video, audio and still photos from the studio with social platforms such as Facebook, Twitter, YouTube and others. Using mic levels, fader positions, music ployout and social media information, the company says, Virtual Director also creates a rich TV experience without additional staff or complexity. The manufacturer says that a historical problem for visualization systems has been "what to show" when microphones are off. Traditional radio lacks the sharing habit and social media hooks, which images and video from visualization can provide. The social integration aspect of Virtual Director also blends artist and album art images alongside tweets, texts and EPG information to keep the audience engaged during all parts of a radio show.



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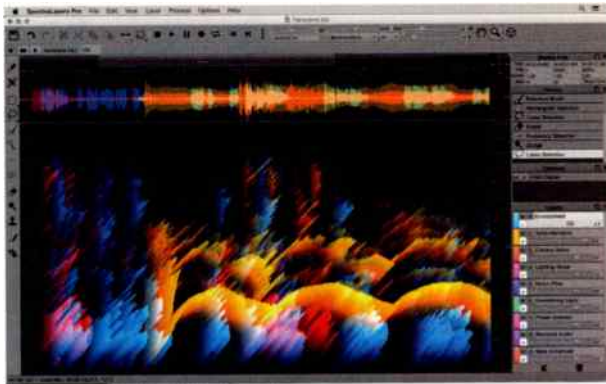
SONY CREATIVE

SpectraLayers Pro 3

SpectraLayers Pro 3 is intended for high-performance spectral editing applications. Fresh new features on every panel of its reworked interface take this edition to a new level. Color-coded layers for better organization and visualization, new selection tool options for increased precision, and an easy copy and paste editing workflow are supported under the hood by core performance enhancements that make the editing process lightning fast and smooth as silk. The complete package adds up to a new paradigm, with huge breakthroughs in speed, feel and accuracy.

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HENRY ENGINEERING

AES Digital DA 2X4

Henry Engineering has released a new product, the AES Digital DA 2X4, a zero-delay distribution system for digital audio signals. The AES DA accepts either an AES or S/PDIF digital audio signal and creates four identical AES output clones. The AES DA is 100-percent bit-accurate and transparent to the source, adding absolutely no delay or latency to the signal. All AES I/O is transformer isolated to prevent ground loops and noise. S/PDIF inputs are converted to AES outputs; a blue Signal LED confirms the presence of an AES output signal. The AES DA is powered with a built-in linear power supply; no wall-warts are needed. The unit is 1/3 rack wide, and can be rack-mounted using the optional Henry Engineering Rack Shelf. The AES Digital DA 2X4 is now in stock for immediate delivery.

➔ www.henryeng.com

Info@henryeng.com
(562) 493-3589



BURK TECHNOLOGY

ARC Plus Touch

The Burk ARC Plus Touch brings power, flexibility and efficiency to IP-based broadcast remote control.

Taking advantage of the scalability of IP and offering innovative options for I/O hardware connectivity, the ARC Plus Touch connects an unlimited number of sites, each with up to 256 channels of metering, status and commands. In addition to physical I/O connections, virtual meter channels can be used to monitor calculated parameters such as heat rise, efficiency or VSWR, allowing



early detection of degraded performance before failures can occur. User access to the ARC Plus Touch is available anytime, anywhere via PC Web interface, smartphone or tablet. The optional Recordable Speech Interface provides

dial-in, dial-out control and alarm reporting using traditional telephone service. The intuitive front-panel touch screen provides control of the local site as well as other interconnected ARC Plus systems. User-defined message templates and email lists enable full customization of email and SMS alarm reporting. Alert messages can include hyperlinks to the alarmed site for one-click smartphone response. SNMP traps can be sent to up to four SNMP managers. Bandwidth-friendly, the ARC Plus Touch is optimized for real-world broadcast links.

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bdi

AUDIO-TECHNICA

BP40 Microphone

Audio-Technica is now shipping its BP40 large-diaphragm broadcast microphone, which features a hypercardioid polar pattern that provides isolation of the desired sound source and maximum off-axis

rejection in close production environments. An optimized capsule placement helps maintain vocal presence at a distance, while the multistage windscreen provides internal pop filtering; a switchable 100 Hz high-pass filter provides additional protection.

Designed with a floating-edge construction, the BP40 maximizes diaphragm surface area and

optimizes performance, while the humbucking voice coil prevents electromagnetic interference. The BP40 comes standard with AT8483 mounting clamp and an optional AT8484 shock mount.

➔ www.audio-technica.com
sales@atus.com | (330) 686-0719

NAUTEL

NX5 and NX10

Nautel's NX 5 and 10 Digital/Analog AM transmitters bring the company's efficiency approach to the 5 and 10 kW range.

The trimode transmitters feature efficiency of 86-88 percent with 1.8 MHz direct digital modulation and offer AM precorrection.

Both the NX5 and NX10 are encased in compact enclosures that are a quarter to a third smaller and offer RF and audio spectrum analyzer.

Front-panel control is via an easy-to-use, 17-inch LCD display.

Like other members of the NX Series, the 5 and 10 kW models include Nautel's Advanced User Interface. Log into the AUI on the NX 5 and 10 using a Web browser to gain access to instrumentation and control.

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For 40 years, SCMS has been a supplier for radio and video needs in the broadcast industry. Products from CTP Systems and RTW have recently been added to the product lines offered. CTP has a new testing device, the dBbox2. Even with its compact size, the dBbox2 can monitor, meter and generate analog, AES/EBU and S/PDIF audio.

RTW offers advanced monitoring technology. The TouchMonitor TM3 offers True Peak and PPM metering with flexible preset control. Both the dBbox2 and the TouchMonitor TM3, are available at SCMS. SCMS has 18 broadcast sales engineers ready to provide you with solutions from over 500 manufacturers' quality product lines.

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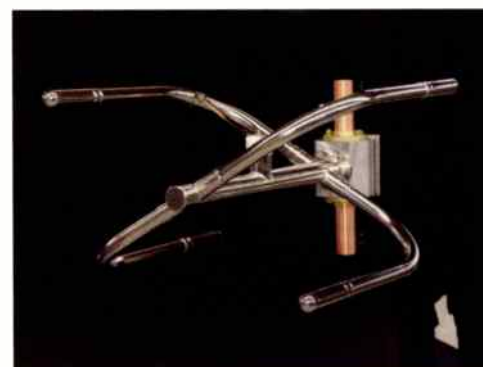
SHIVELY LABS

6815 Antenna

Continuing to innovate and respond to customer demands, Shively is now shipping the latest addition to its portfolio of FM antennas, the model 6815. This model will accommodate up to 7.5 kW input power, it is readily directionalized and can accommodate multiplexed stations over a 2 MHz bandwidth or slightly higher. Designed to supplement the model 6810 directional radiator, where less stringent directionality is needed, the 6815 comes in at a lower price point and with reduced weight and windload. It is available with or without radomes. Also adding to our filter choices is the new 2916 series bandpass filter. This new design features input power handling of 1500 watts and utilizes 7-16 DIN connections on a 6-inch round cavity. Available in two-, three- and four-cavity layouts, the filters can easily be configured into branched and balanced combiner systems to meet customer needs. These units fill a gap for power handling and price point in our previous lineup.

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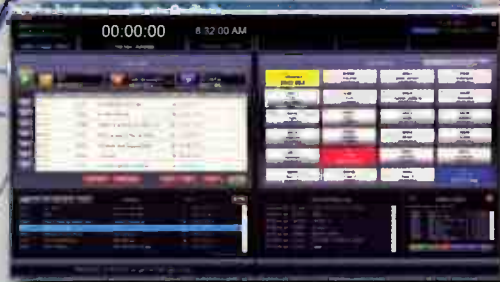
Bluetooth
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The BEST of both analog and digital. With the NEW Bluetooth built in, the ARC-8 features a wireless Cell phone interface for telephone talk shows and wireless audio streaming from any Bluetooth device such as an MP3 player. The ARC-8 Blue also features a built in USB sound card to play and record in digital directly from both Windows & Apple *PCs. With BOTH balanced and unbalanced inputs and outputs, the ARC-8 works out of the box in any Radio application.



NO Hybrid
required

long life switches.
conductive plastic faders.
Socketed ICs for fast on site repair.



Fast, easy installation:

- RCA's for unbalanced IO,
- Cat5's for balanced inputs,
- XLRs for mics & Program output

Bluetooth enabled !!! The #1 selling ARC-8 advanced Radio console has gone 'Blue'... Bluetooth enabled that is! This means that Channel seven on the console can be paired to any Bluetooth enabled audio device such as your Cell phone, MP3 player, MP3 recorder-editor, and more. Just pair your cell phone to the ARC-8 and answer your incoming calls with the 'Call' button and drop them with the 'Drop' button, just like a standard phone hybrid. The Caller receives the console bus mix ('minus' the caller audio) so there is no feedback. DR... you can pair any Bluetooth enabled audio device such as an Ipad, Tablet device, or MP3 player and stream full bandwidth, high quality stereo (A2DP) audio to channel seven on the console. If a paired Cell phone call comes in, then the stereo stream is dropped and the call can be answered. While an external hybrid is not needed, Arrakis does all of this while still allowing an external phone hybrid to be connected if desired. Your imagination is the only limit with this amazing console !!!

list price **\$1,099**

*USB sound card supports USB HID compatible PCs

www.arrakis-systems.com

970.461.0730



WHEATSTONE CORP.

WheatNet-IP Network Edge

Wheatstone Corp.'s WheatNet-IP Network Edge is designed as a translator between the low-latency WheatNet-IP audio network and high-latency, low-bandwidth STL connectivity options that are becoming more widely used.

The unit offers a large installed base of WheatNet-IP customers an

alternative to a full-featured I/O Blade access unit for these lower-cost transports. The WheatNet-IP Network EDGE is AES67-compatible, and includes local I/O and programmable logic ports.

www.wheatstone.com

sales@wheatstone.com

(252) 638-7000

ESE

Master Clock System Switcher

The ES-150U is a Master Clock Switcher. Master Clock Switchers are typically used with a primary master clock and a secondary master clock.



Master Clock Switchers provide a convenient way of

switching to the secondary if a problem develops with the primary.

The Master Clock Switcher monitors one or more of the "A" inputs and when a fault is detected, it switches all of the outputs from the "A" inputs to the "B" inputs. The ES-150U monitors ESE and SMPTE/EBU timecodes. Four front panel LEDs light to indicate when valid timecode is provided.

The ES-150U is available with option DPS, which provides dual power supplies. If one power supply fails, the other keeps the ES-150U operating normally. Another convenient option on the ES-150U is option NET, which allows the user to control and monitor the status of the ES-150U via a Web interface.

The ES-150U is now available and ready to ship.

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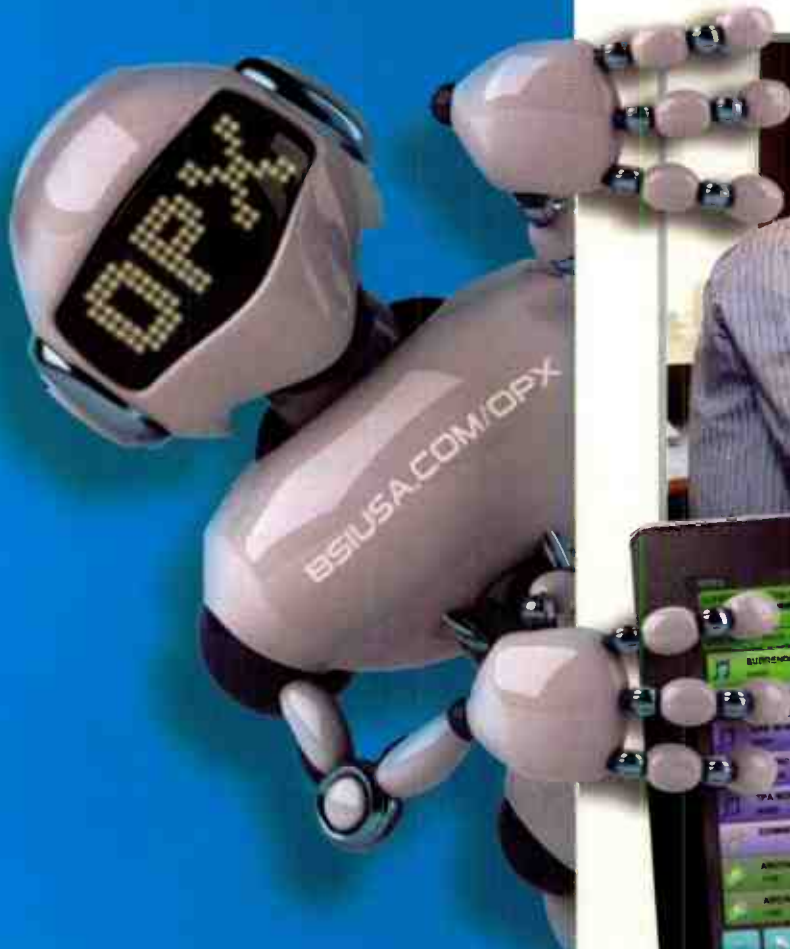
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-John Foxx
Program Director

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- Modular Operation in Op-X allows for a tiered system at a fraction of the cost of its competitors.
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- The revolutionary design of Op-X's clock builder turns the previous task of scheduling satellite programming into a few simple clicks.
- Share serial devices from any machine using the Op-X Serial Server.
- Importing logs now gets its own module that takes confusion out of the process
- Engineers will enjoy Op-X because it's easy to install, maintain, and has automatic backup features.

iPad app Features

- Live show real-time control from almost anywhere
- A powerful tool for remotes or voice tracking
- Take a show on the road
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- Insert audio items into the log
- Initiate audio playback from hot buttons
- Run macro command from hot buttons
- Secure access to your system



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V-SOFT COMMUNICATIONS

Coverage Analysis

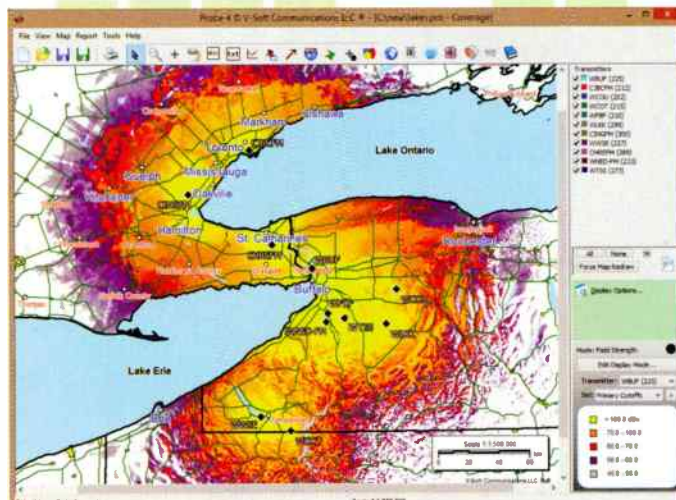
V-Soft Communications is now featuring Longley-Rice coverage multistation coverage analysis. Probe 4 RF propagation modeling system predicts coverage and interference locations. This program produces maps by integrating high-resolution terrain and population databases with polygon mapping.

Propagation models include standard FCC, Longley-Rice, ITU, Okamura-Hata, Cost-Hata, PTP #1 & #2, line-of-sight more.

FMCommander can analyze the FM band; determine the upgrade potential of a station when using higher power, antenna height or by moving the site to a more desirable location. It combines FCC coverage and interference signal contour plotting and tables with color mapping, and users will find 73,207 separations and contour-to-contour

frequency searching in one package. FMCommander incorporates FCC station data, 2010 census data, accurate terrain data, tower, airport and AM station data with mapping layers.

Microwave-Pro 2 is a microwave frequency allocations and path analysis program for broadcast auxiliary services, Part 101, COALS and CARS projects. The new version adds bidirectional channel analysis and contains a new point search tool to identify microwave paths in the vicinity of wind farms or other large blocking structures. Microwave Pro 2 contains a library of microwave antennas, including bandwidth and gain.



www.v-soft.com

info@v-soft.com

(800) 743-3684

BW BROADCAST

Plan B Encore

BW Broadcast says eliminating "dead air" is a must for any serious broadcaster and that's why it introduced the Plan B Encore. It describes Plan B as a cost-effective 1 RU silence detector and back-up audio player, designed to keep a station on-air when the normal program sources fail, for whatever reason. Potential back-up audio sources include internal flash memory; external USB; an IP stream; and, local audio inputs on the rear.

You can set up and monitor Plan B by way of an IP connection, making use of HTTP or telnet. In the event of problems at the transmitter site, Plan B will communicate actions it has taken to station personnel via email or SNMP.

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DM ENGINEERING

MSRA-RM and MSRA

The DM Engineering MSRA-RM (rack mount) and MSRA (tabletop) Multistation Relay Adapter is compatible with both the Sage-Endec 3644 Digital, the original SE1822 and the Digital Alert Systems DASDEC series of EAS encoder/decoders. Featuring fail-safe gold-clad relay contacts to assure no program audio loss, (even during power failure conditions), individual station EAS and master audio gain controls, L & R balanced stereo or mono audio inputs and outputs for each station, LED indicators showing EAS relay activation for both left and right channels and Euro-style pluggable I/O connectors for secure and positive connections.

Installation and ENDEC-DASDEC programming is easy and straightforward, allowing individual control of up to a total of four stations. Detailed instructions for programming and set-up are included. The MSRA-RM and MSRA are available at most major broadcast distributors without long delivery wait times. For control of digital switchers and routers, The MSRE and MSRE-RM are available with form "C" relay outputs only, two for each additional station.

➔ www.dmengineering.com

info@dmengineering.com

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Got Something to Say?



Radio magazine is looking for expert commentary and bloggers. If you have something to say and are interested in saying it to fellow radio technology professionals, email Emily Reigart at ereigart@nbmedia.com. It's time to sound off!



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DEVA BROADCAST

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DEVA Broadcast's FM/HD Radio & IP Audio Confidence Monitoring Receiver is a DSP-based tuner that allows monitoring of the HD Radio, FM and Internet streams of the station selected by its front-panel controls, or via remote IP access. In addition to real-time monitoring, it measures and stores, for future analysis, the RF level and left & right audio levels. The DB3011 has built-in FM RDS/RBDS Decoder and HD Radio PAD Decoder as well. The DB3011 is equipped with two speakers to reproduce mid- and high-range audio frequencies, and high-efficiency bass reflex speaker for high-quality sound. In addition to its FM and HD Radio monitoring capability, it monitors your online stream simultaneously, supporting AAC, AAC+, MP3, RTP and PCM IP audio codecs.

• www.devabroadcast.com

sales@devabroadcast.com
(305) 767-1207



OMT

iMediaTouch Enterprise

OMT Technologies has introduced two advanced versions of their radio broadcast software. OMT's iMediaTouch Enterprise radio automation solution delivers all that the well-known Version 4 suite offers, plus features such as an underlying SQL database structure, customizable screens capability of personalized layouts for multiple users, a second "cart wall" with all the features of the Show Log plus a "Segue Play" mode for automated playback of a series of audio items, and a Web portal capability where authorized users can search, browse, play and download media, and system administrators can manage user and group access. iMediaTouch also interfaces with Axia, Wheatstone and MusicMaster systems.

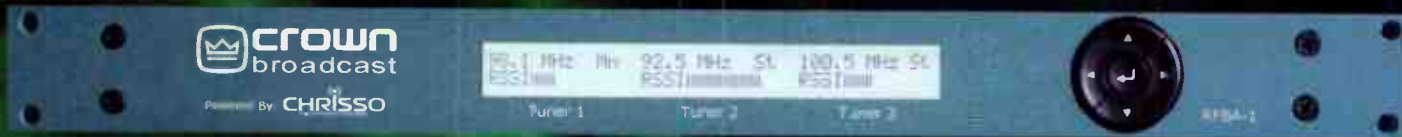
OMT's iMediaLogger has been updated with Version 5, incorporating a SQL-based content management system, up to 24 simultaneous recorded channels, Listen Live (real time preview of recording events through a Web interface), and a newly redesigned Web access portal enabling new Web media access features and robust functionality. OMT's iMediaLogger is compatible with any automation system.

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➔ www.studiotechology.com

vfiola@studiotechology.com
(610) 925-2785



O.C. WHITE

ProBoom Ultima

O.C. White has introduced the ProBoom Ultima family of low-profile microphone booms and scalable monitor systems. The Ultima LP Mic Boom features a weight rating of 0 to six pounds and a counterbalance design. It has a tabletop-hugging design, and the company provides integrated wire channeling down the arm and an internal spring design. The main articulating mic boom section features about 10 inches of height adjustment, as well as a 5/8"-27 mic stud swivel. This adjustable section comes paired with one 12-inch horizontal arm and more arms can be added. An available mic arm solution is the 12-inch Vertical Modular Clamp/Riser Assembly, which enables up to four Ultima LP arms to be mounted. The Ultima LP Mic Boom has five mounting options.

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E-Series FM Transmitters

The Crown Broadcast E-Series FM transmitters feature Crown Broadcast quality and support coupled with technologies allowing for performance and usability.

Complete with direct-to-channel digital modulator and optional Internet remote control and measurement with dynamic RDS and built-in audio backup, the E-Series units are available in power levels from 100 watts up to 10 kW in single-, dual-drive and 1+1 fully redundant configurations.

The E-Series FM transmitters are the result of an exclusive partnership between Crown Broadcast and WorldCast Systems. The transmitters are shipped to the Crown Broadcast facility where they are inserted into our test and quality control queue. The result is a Crown Broadcast transmitter that has all the inherent robust reliability of classic Crown Broadcast products along with the technological performance for which WorldCast Systems is known.

A-GAME ENGINEERING

MA-1122

A-game Engineering now offers a multi-function microphone and headphone amplifier in a single battery operated device.

The MA-1122 has a microphone amplifier that can deliver up to +21 dBm output with low distortion into 600 ohms. It uses THAT Corporation devices. Overall gain is adjustable in 12 steps from 12 dB up to 66 dB. The MA-1122 also sports a two-input headphone amplifier with separate gain control for each input, an overall volume control and mono mode switch. It has a microphone loop-thru output.

Neutrik XLR and TRS connectors are used.

Other features include line inputs and output on a Phoenix terminal connector for direct connection to dry pair leads; an external power jack; 14-hour battery life; power LED; and RF suppression on all I/O.

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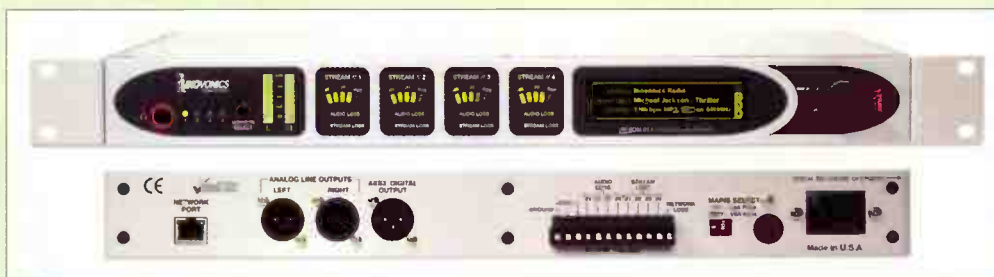
SIMON 614

Inovonics won the Radio magazine "Best of Award" for its SIMON 614 Multiple Stream Monitor. It offers simultaneous monitoring of up to four separate Internet Radio streams, with an intuitive Web interface that supports email, SMS alarm messaging and SNMP. It is compatible with most audio networking protocols (HLS, HTTP/S, MMS over HTTP or TCP, RTMP, RTSP, RTP, TCP, UDP, TLS) and both lossy and lossless audio encoding standards (MP4, Ogg, webm, MPEG-TS, MP3, AAC, AC3, DTS, Vorbis, WMA 9, Opus, MP2, AMR, Speex, .wav, FLAC, ALAC, WavPack, MPEG-4, ALS). Other features include accurate display of audio levels and important metadata; alarm tallies and logging for audio loss and stream loss; a full-featured remote Web interface; analog and AES3 digital outputs; and configuration using the OLED display and jog-wheel.

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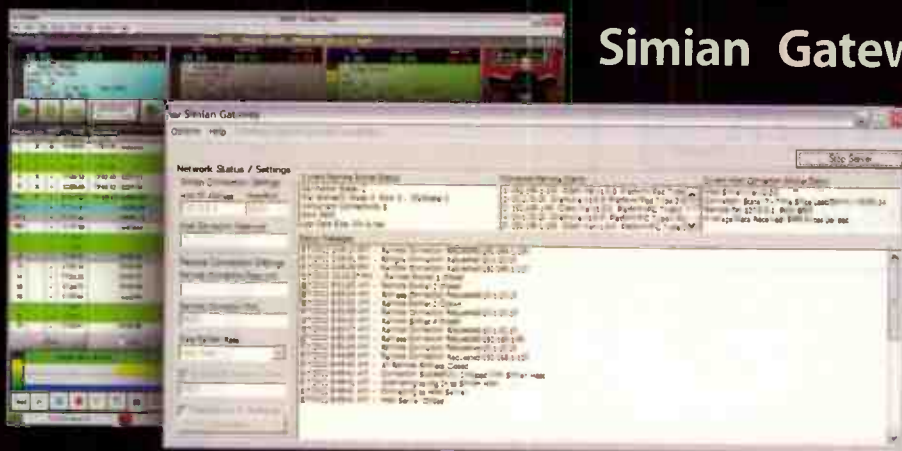
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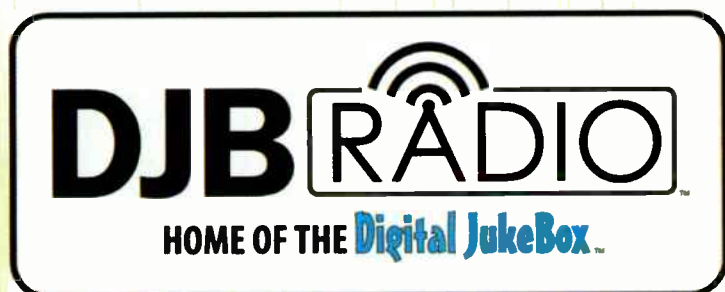
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ENCO

enStreamer

ENCO's enStreamer is a dedicated-hardware audio and video payout device, built on a modified Raspberry Pi platform, for broadcast, studio transmitter links, in-store radio and digital signage applications. Intended

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SIERRA AUTOMATED SYSTEMS

RIO Bravo IP Engine

SAS offers audio consoles, studio control panels and intercom for radio facilities. The company recently introduced the Rio Bravo IP Engine, a fully integrated DSP-based studio solution.

The Rio Bravo is designed to provide all of the audio mixing and control you need to support a radio control room and studio. It features very flexible I/O, high density DSP mixing and EQ. It networks with automation computers, other studios and control rooms using Dante AoIP over a standard IP infrastructure.

The RIO Bravo can also interface with your SAS 32KD Network. It offers six I/O option slots plus on-board outputs for monitor speakers, headphones and meters, all self contained within a single 2 RU chassis.

The RIO Bravo supports all SAS consoles and controllers.

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The advertisement features a vibrant, multi-colored abstract background. On the left, the text "STUDIO TECHNOLOGY Studio Furniture" is displayed in a bold, stylized font. Below the text, contact information is provided: "Voice: 610-925-2785", "Email: Sales@Studiotechnology.com", and "Web: www.studiotechnology.com". Three inset photographs show different studio setups: a control room with multiple monitors and a desk, a studio with a large desk and microphones, and a studio with a curved desk and a person sitting at it.



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5 KW	1995	Harris HT5CD
5 KW	1999	Harris Z5CD, solid-state
5 KW	2006	Harris Z5, solid-state, unused
7.5 KW	2002	Harris Z7.5CD, solid-state, S PH
8 KW	1997	CCA FM8000G, single phase
10 KW	1989	Harris HT10
10 KW	1998	Harris Z10CD, solid-state
20 KW	1989	BE FM20B
27.5 KW	1988	Continental 816R-4B, New CE SS IPA
30 KW	1988	Harris FM30K
35 KW	1991	BE FM35B

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12 KW	2001	Nautel XL12, solid-state

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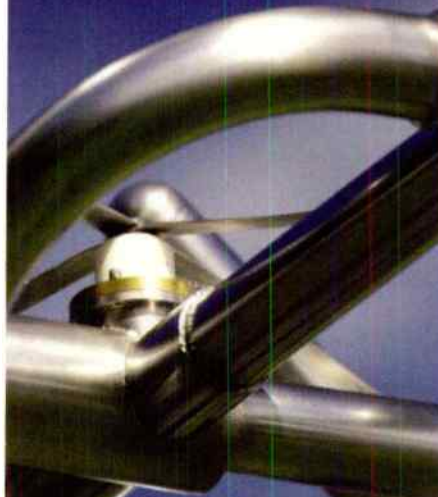
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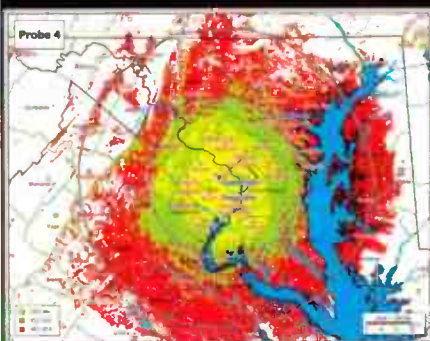


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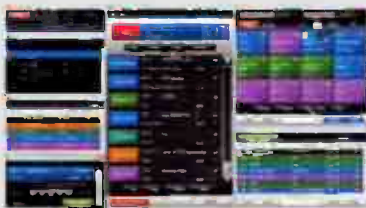


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