

2010 BUYERS GUIDE COMPUTERS
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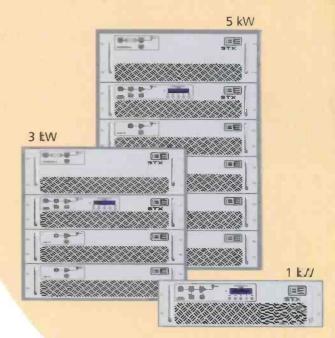
AudioVAULT FleX marks a paradigm shift for radio automation and offers you a whole new level of FleXibility. With AudioVAULT FleX, BE has removed the audio engine from the interface, giving you more options for redundancy and multi-user collaboration. The customizable look and layout allows you to create a workspace for a specific format, task and each individual talent. You can even format FleX to have the same look as your current system to reduce training time, but improve performance. And new features like drag and drop quick starts and built in segue editor give you more control. Only BE's new AudioVAULT FleX lets you enhance your operation one show, one application, one station at a time.

For over 50 years Broadcast Electronics has continuously developed innovative transmitter to studio solutions.



BE's new STX LP FM Transmitter becomes the first low power transmitter to effectively combine the quality, features and world class support you will only find from BE, all at an exceptional value. As the most compact, feature-rich transmitter on the market, the scalable design includes an integrated exciter, backup controller, IP connectivity and more.

Now shipping in 1, 3 and 5 kW power levels.





Visit our website at www.bdcast.com or call 217.224.9600 for more information.



END-TO-END SALES, TRAFFIC, AUTOMATION AND BILLING

Why more radio broadcasters are turning to WideOrbit



More and more radio broadcasters are turning to WideOrbit for best-in-class traffic and automation capabilities with the benefits of a fully integrated solution. WideOrbit is the industry's fastest growing provider of advertising sales, traffic and billing software for radio. This August, we acquired Google Radio Automation. Now WideOrbit provides an end-to-end solution for radio broadcasters across sales, traffic, billing and automation.

WideOrbit's traffic system, WO Traffic, is a scalable, enterprise-wide solution that enables radio broadcasters to manage multiple stations, markets and groups from a single system. It includes real-time, flexible reporting that delivers extraordinary visibility and control at all levels of your business. WO Automation for Radio (formerly Google Radio Automation) is the industry's most modern and powerful radio automation system which ensures that stations are on the air and sounding great every minute of every day. The combined solution seamlessly integrates to provide live log capabilities between traffic and automation.

WideOrbit is the choice of key radio broadcasters like Midwest Communications, Federated Media, Corus Radio, Astral Media and Entercom.

Contact us today to see a demo and find out why more radio broadcasters are turning to WideOrbit.

"We chose WideOrbit because it met all of our requirements and much more. WideOrbit has delivered full access to all of our markets from the corporate office, at the touch of a key."

Paul Rahmlow, Secretary Treasurer Midwest Communications



For more information please contact:

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mikez@wideorbit.com | www.wideorbit.com

To the 2010 Radio magazine Buyers Guide

Then the economy began its downward turn, you likely had to alter some of your equipment plans. When it continued to struggle, those changes moved from incidental purchases to capital budgets. While this is unfortunate, it is an easy way to maintain a business' standing.

The good news is that economic indicators show the economy is beginning to recover. While it will still likely take several months until everything is rosy again, the time to restart the postponed plans is right now. So dust off your plans from a year ago and get them

ready to be implemented.

But before you just pick up exactly where you left off and move on, review what you had planned. Technology evolves at an amazingly fast rate. The equipment choices you made several months ago may not still be the best choice. That's where the Radio magazine Buyers Guide comes in.

We have listings of manufacturers sorted into product categories. Look through these to find some new options in product offerings. Then turn to the company contact list to get more information.

All this information is available at RadioMagOnline.com, too.

Each year we contact all the manufacturers to update this information. Doing so ensures that you have the most up-to-date information possible. If you know of a company not listed in the year's Buyers Guide, please let us know at radio@RadioMagOnline.com.

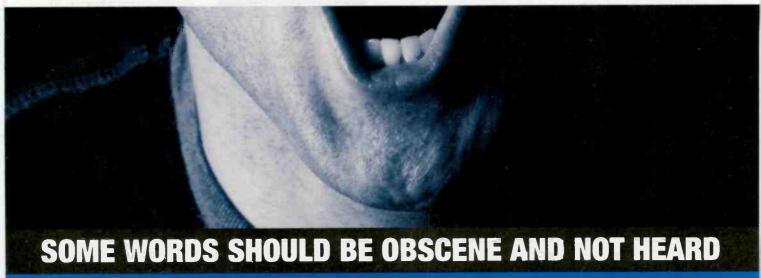
Chriss Scherer, editor

The information in the Radio magazine Buyers Guide is provided by the listed companies. Every effort Is made to ensure accuracy.

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Emergency signalling and alerting		Test and measurement equipment	
Equipment rental and leasing		Towers and tower services	
Internet services	8	Transmitters, translators and exciters	
Microphone accessories	8	Vehicles for remotes	
Microphones		Wire, cables, connectors & cable management	
Microwave, STL and RPU equipment		Company contacts	
Mixers		, ,	



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Eventide Broadcast Delays are designed to keep profanity off your air, and angry listeners, embarrassed advertisers, and the FCC off your back. We invented the obscenity delay and have a solution for stations large and small that provides up to 80 seconds of the highest quality revenue and license-protecting delay.

Our new HD compatible BD600, 24-bit delay, comes standard with AES/EBU, and provides up to 80 seconds of memory — twice as much as other delays. There are fully adjustable Delay and Dump functions, and a Sneeze function which "edits" audio entering the delay, allowing the host to sneeze, cough, or make a short comment without being heard on air.

The BD600 offers two different methods of delay buildup and

reduction: Eventide's catch-up and catch-down system, and an exclusive fast-entry-and-exit feature which allows starting a broadcast with the delay already built up to a safe amount and ending it with a rapid reduction of delay.

For HD, the BD600 offers MicroPrecision Delay[™] mode which allows up to 10 seconds of delay to be adjusted in real time in 100 nanosecond increments. This is useful for synchronizing analog and digital signals while on-air, without audible artifacts, to maintain a seamless user experience.

Whatever your size, whatever your format, you can't expect to protect the integrity of your air and the foundation of your business without an Eventide Broadcast Delay in your rack.





Product Director

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Acoustic and building materials

Includes soundproofing. doors and windows

Acoustic Systems Acoustical Solutions Inc

Acoustics First Corp

Auralex Acoustics Inc Industrial Acoustics (IAC) Noren Products Inc Pinta Acoustic/SONEX Ram Broadcast Systems



Russ Berger Design Group

VocalBooth.com Inc

Antennas

Includes all antenna categories except wireless mics

Andrew Corp

Armstrong Transmitter

Bext Inc. Clear Channel Satellite Dawn Co DH Satellite Dielectric Electronics Research Inc Fanfare Electronics Inc lampro Antennas Inc Kathrein Inc Scala Div Kintronic Labs Inc LBA Technology Inc Lightning Prevention Systems NicomUSA Inc

Nott Ltd **OMB** America

Allen Osborne Associates Inc **Patriot Antenna Systems**

Progressive Concepts Propagation Systems Inc - PSI Radio Frequency Systems

Ramsey Electronics Inc **RF** Specialties

Shively Labs Superior Broadcast Products SWR Inc



Telewave Inc

Transcom Corp Valcom Mfg Group Inc

Audio accessories

Includes converters, adapters and utility items

Acoustics First Corp

ATI Group Inc Audio Accessories Inc. CAIG Laboratories

Crane Song Ltd

Dorrough Electronics Gold Line/TEF Great Electronics



Henry Engineering

JK Audio Inc Lucid Lynx Studio Technology Inc NTI Americas Inc

Omnia Audio

Prime Image Inc

RDL Radio Design Labs



EZ-AFC2 Audio Format Converter - Stereo Balanced - Unbalanced: The EZ-AFC2 is a stereo bi-directional audio format converter with level controls. Conversion is provided between balanced reor-panel XLR jacks and unbalanced front-panel RCA jacks, LED VU metering is provided for all audio channels facilitating adjustment for high or low input levels. The bi-directional format allows the EZ-AFC2 to fully convert the stereo input and stereo output of a consumer audio product to professional balanced standards.

Rolls Corp Sonifex Ltd Studer Professional Audio AG Switchcraft

Telos Systems

Titus Technological Labs Videoquip Research Ltd Yamaha Corp Of America Commercial Audio Systems Div

Audio delay systems

RDL Radio Design Labs

Symetrix 25-Seven Systems

Audio distribution. between locations

Includes satellite and IP delivery; for STL and RPU; for point-to-point IP, ISDN and POTS

APT Barix AG

Bay Country Broadcast Equipment Inc

Digigram Inc End to End Technologies Energy-Onix Broadcast Equipment Co Inc

ESE

Mayah Communications Musicam USA NPR Satellite Services ProAudio.com/Crouse-Kimzey Company

Pulse.com

Sierra Automated Systems

Telos Systems

Tieline Technology Ward Beck Systems Ltd Yamaha Corp Of America Commercial Audio Systems Div

Audio loggers

Axia Audio

dcsToolscom Digital Juke Box

Eventide

Imedia Touch KLZ Innovations Ltd

Mediatron GmbH

OMT Technologies Sonifex

Telos Systems

WireReady NSI

Audio processing, on-air

Includes stereo generators

Audessence

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Broadcast Warehouse Ltd CMBF Inc.

Crown Broadcast IREC

Inovonics Inc

Lucid **Omnia Audio**

Orban/CRL

Rane Corp

RVR USA

Symetrix Translan Tech Sound LLC WorldCast Systems Inc

Audio processing, production

Includes production and mic processors

Aphex Systems Ltd Circuit Research Labs Inc (CRL)

Crane Song Ltd

DACS Ltd Daking Distributed by TransAudoGroup Dolby Laboratories DTS

Eventide

Great River Electronics

Inovonics Inc

KLZ Innovations Ltd Korg USA Inc Lectrosonics Inc Modulation Sciences

Omnia Audio

Orban/CRL Prism Media Products RML Labs Rolls Corp TC Electronic TC-Helicon Trans Audio Group/Bock Audio Soundfield GML Pauly TranslanTech Sound LLC Waves Inc. WorldCast Systems Inc Yamaha Corp Of America Commercial Audio Systems Div

Yellowtec

Audio routing and distribution within a facility

Includes routers, distribution amps

Arrakis Systems Inc

ATI Group Inc ATI - Audio Technologies Inc Audio Accessories Inc. Audioarts Engineering **Axia Audio**

Benchmark Media Systems Inc **Broadcast Devices**

Broadcast Tools Inc

Clear Channel Satellite Digigram Inc Ghielmetti AG

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Klotz Digitial Audio Systems Inc Logitek Electronic Systems Rane Corp

RDL Radio Design Labs



"Go ahead caller... you're on the air."

Telos was first to use Mp3 technology, first to see the possibilities of ISDN, first to bring a DSP-based product to broadcasting, a hybrid by the way. Breakthroughs and innovations adopted years later by everyone else.

So, let's take our next call, shall we?

It's the Nx12, our most powerful performer, giving you the one-two punch of the latest Telos hybrid technology and audio processing by Omnia for the cleanest, most consistent call quality ever.

Nx12 has four advanced digital hybrids, each with its own AGC, noise gate, and caller override dynamics using carefully tuned DSP algorithms. Each also includes DDEQ, a sophisticated multi-band equalizer, which analyzes and adjusts received audio spectral characteristics so that calls sound smooth and consistent despite today's wide variety of phone sets and connection paths.

Let's face it, most people today are calling in on a cell phone. We get it. So, the Nx12's hybrids incorporate special echo cancellation for tricky cellular and VoIP calls. Unique to Telos, the Nx12 has an adaptive function that reduces the possibility of feedback in open speaker applications. So go ahead... put that talkshow on remote with an audience.

Available in analog or ISDN Versions. Nx12 can connect to as many as 12 analog POTS lines or up to 6 ISDN BRI lines (which would provide 12 caller channels). A digital switch matrix inside the Nx12 connects the lines to hybrids. The Nx12 works with all Telos control surfaces including the Desktop Director, Call Controller, and Console Director. Talent and producers benefit from the unique Telos features, such as our exclusive Status Symbol visual call management icons which clearly show line and caller status.

And, it's backed by the best support team in the business. The highly caffeinated 24/7 support techs.

Telos Nx12: 12 lines. No waiting.





AUDIO | NETWORKS

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Telos Systems

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Automation systems

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WO Automation for Radio: WO Automation for Radio, formerly Google Radio Automation, is the industry's most modern and powerful radio automation system. With WO Automation for Radio, stations can easily and reliably ingest, manage and broadcast audia content. And it works seamlessly with WO Traffic, providing a complete solution for radio broadcasters.

WireReady NSI

Codecs, hardware and software

Includes POTS, ISDN, IP and others

AEQ Broadcast International Barix Technology

Comrex Corp Dolby Laboratories End to End Technologies Mayah Communications Musicam USA

Telos Systems

Tieline Technology WorldCast Systems Inc

Computers and peripherals

Includes computer hardware

Adder Corporation

AudioScience Inc Broadcast Software Int'l

Condron Broadcast

Engineering Lynx Studio Technology Inc Masterclock Inc Ram Broadcast Systems WIT Inc

Yellowtec



PUC2 is a modular USB [powered] soundcard, state-of-the-art, analogue and digital, enabling simple plug-and-play installation. Sample rates of up to 192 kHz (24 bit) are supported utilizing its optional ASIO driver. The mic input module will support 48V phantom power and up to 60dB gain - still powered by USB.

Consultants and services

Includes engineering services

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CMBE Inc

Creative Studio Solutions Inc DSI RF Systems Grace Broadcast Sales

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Russ Berger Design Group

SoftWright LLC StardrawCom SVI Communications Szabo Associates Inc Telewave Inc

V-Soft Communications

Datacasting and data multiplexing Includes RBDS and PAD

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Inovonics

Inovonics Inc

Profline BV Stratos Audio Inc

Telos Systems

WorldCast Systems Inc

Acoustical Solutions Inc.

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Independent Audio Inc

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Patriot Antenna Systems

Penta Laboratories ProAudio.com/Crouse-Kimzey Company Progressive Concepts Ram Broadcast Systems

RF Parts **RF Specialties**

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Enco Systems

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Kay Industries Inc

LEA Intl LEDtronics Inc Masterclock Inc. NKK Switches Staco Energy Products Co SystemsStore.com

Emergency signalling and alerting

Alert FM

DM Engineering Gorman-Redlich Mfa LEDtronics Inc TFT Inc. Titus Technological Labs

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HD Radio antennas

Dielectric

Transcom Corp

HD Radio transmitters

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Continental Electronics Nautel Harris

Transcom Corp

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Includes stands. windscreens and wireless mic equipment

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LPB

YOU MAY FIND YOURSELF CREATING PROBLEMS JUST TO USE OUR COOL STUFF.



...but don't make problems. There are plenty of them to go around. And Henry is there to help you get them solved.

SixMix: USB Broadcast Console is a full-featured professional radio station audio mixer. It's designed for live broadcasting as well as recording, editing, remotes, and other production tasks.

AutoSwitch: Multi-purpose stereo audio switcher and silence sensor. Switches to backup audio if your main audio source fails. It can also be used to manually select between two stereo audio sources.

Multiphones II: Multi-user distributed headphones system with Zoned Talkback. Multiple "Guest Pod" listening stations can be daisy-chained with cat5 cable.

Minipods: Compact steree headphone amplifier for single or multi-listener systems. Use with or without MultiPhones II master unit.

The Matchbox HD: Rack-mountable Matchbox HD is the new high performance version of the industry's most popular analog level and impedance converter.

USB Matchbox: An ultra high performance USB-to-XLR audio codec. Uses Burr-Brown 8X oversampled ADC/DAC with superb audio performance.

Superelay: Multi-circuit controller for any application where multiple circuits, including AC line voltage, need to be switched simultaneously Ideal for controlling *ON THE AIR* warning lights, muting monitor speakers, etc.

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Transcom Corp

Mixers

AEQ Broadcast International

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NEW... The MARC-15 is a cost effective, modular, analog console for on air radio or production. It features an ultra-low profile design, all electronic switching with LED lighted switches, supports two phone modules, 3 buses, A/B inputs, and PC sound card modules for digital playback and recording direct to a PC.

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Axia Audio



With more than 1,500 Axio studios on air, Element 2.0 consoles are proven winners. Combine with new PowerStation integrated console engine to make building new studios easier than ever: 1/0, power supply, mixing engine and network switch are all in one easy-to-deploy package. Going IP-Audio? Choose Axia. Because experience counts.

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EROWN BROADCAST

- FM Transmitters from 30 watts to 10kW with optional built in audio processor
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- Frequency agile from the front panel
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- Compact—small footprint
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Current Crown Users—You can take advantage of Crown Broadcast's exclusive unit upgrade program. With this program you will be able to send in your current functioning Crown product and have the unit renewed to like-new condition complete with 2-year warranty. You can also have the units powered up from 30w to 300w and from 100w to 300w. Upgrades are also available for the receiver board and audio processor. This program allows for a long-term investment in your current product without the investment in a new product.

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FM TRANSMITTERS

All transmitter powers with the best quality price ratio



EM 2000 is a 2000W FM transmitter made up of the EM 25 DIG exciter for EM 20/30 exciter) and the AM 2000 FM amplifier. AM 2000 includes eight 300W high-efficiency MOSFET technology amplifying modules, fed by 2 independent switching power supplies, which are mode to withstand the working conditions. The amplifying modules work independently thanks to a power combining structure that provides high isolation between them.

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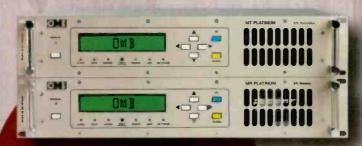
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MT/MR PLATINUM >1GHz

is a high-performance Studio-to-Transmitter Link. It is made up of the 5W MT transmitter externally synthesized in 10MHz sub-bonds with a step of 100KHz, and the MR double conversion reserver, that is externally synthesized, too. The MT is microprocessor controlled, and includes LCD display for the visualization of the most relevant transmission parameters (frequency (6-digit), forward and reflected power, modulation level), balanced Mono, Stereo (MPX). The MR receiver has the same visualization system as the transmitter. It includes balanced Mono and Stereo (MPX) outputs. Furthermore, the MT/MR Platinum STL includes a jumper in order to get a proper operation with digital signals.

EM 10000 is a 10000W FM transmitter mad up of the EM 250 COMPACT DIG exciter and three control unit which combine the power of six AM 2000 FM amplifiers. AN 2000 includes eight 300W high-efficiency MOSFET technolog amplifying modules, fed by 2 independent switching power supplies which are made to-withstand the working conditions. The amplifying modules works independently thanks to a power combining structure that acresides high isolation between them



Do you want to **Accurately Control** your Speaker System? The Avocet **Monitor Controller** for Stereo or Surround Crane Song Ltd TALK DIGITAL 1 www.cranesong.com Superior WI USA 715 398 3627

Product

Henry Engineering



SixMix is a compact broadcast console with USB interface. Add a PC and a mic and you're on the air! Features 10 inputs, (2 Mic, 7 Line, + PC via USB), stereo Program output, Monitor with Air input, Muting and Tally, Cue speaker, Mix-Minus, Talkback. Ideal for live or automation, remotes, edit suites, emergency studio, internet broadcasting.

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Mackie

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Profanity delays

Eventide

Logitek Electronic Systems Sonifex 25-Seven Systems

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CBT Systems Inc
Chatsworth Products Inc
Forecast Consoles
Mager Systems
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Omnirax
Ram Broadcast Systems
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Spacewise Broadcast Furniture
Studio Technology
Telewave Inc
VocalBooth.com Inc

Recording, storage, playback and media

Includes studio and portable recorders, recording media, loggers

Audion Labs/VoxPro

Crane Song Ltd

Dalet Digital Media Systems Edirol

Enco Systems

Event Electronics Fostex America HHB Korg USA Inc

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iXm combines reporter microphone and recorder in one unit. It features exchangeable mic heads from beyerdynamic, comes with the handiest and simplest recorder among field recarders, stores audio files on exchangeable SD memory cards and draws power from two sources: from a built-in Li-lon occumulator and from 3 AA batteries.

Zaxcom Inc

Remote facility control and event controllers

Broadcast Tools Inc



Site Sentinel 4: The Site Sentinel^{IM} 4 is a cost-effective web-based site remote control. Inputs can be controlled and/or monitored over any IP network or the Internet. User interface via a web browser or web-enabled mobile device, with programmable email notification alerts, alarms, system status logging via email, including site ID.

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Myat Inc
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Propagation Systems Inc - PSI

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Dielectric Jampro Antennas Inc Transcom Corp

RF monitoring

mod monitors

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Scheduling software

Includes music scheduling, traffic

MusicMaster
Powergold Music Scheduling
Software
RCS

WideOrbit



WO Traffic: WO Traffic is the industry's most recommended traffic, revenue management and billing software. It's a scalable, enterprisewide solution that enables radio broadcasters to manage multiple stations, markets and groups from a single system. WO Traffic includes real-time, flexible reporting that delivers extraordinary visibility and control at all levels of your business.

Software for engineering and mapping

EDX Wireless
RadioSoft
RFEngineers Inc
rfSoftware Inc
SoftWright LLC
V-Soft Communications
WireCAD

Speakers, headphones and monitoring

Adam Audio

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Includes call screeners, show prep

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Dayton Industrial Corp
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ViaRadio WorldCast Systems Inc

STEREO HEADPHONE AMPLIFIER



Shown in AFM-DC1N tabletop chassis

THE ALL NEW AF-SH1 FEATURES:

- Integral Long-Life VCA Stereo Level Control
- Balanced or Unbalanced Inputs
- Switch-Selectable Input S∋nsitivity
- Switch-Selectable Mono (Left) or Stereo Operation
- Amplifier To Drive High or Low Impedance Headsets
- Convenience of APPFLEX™ Mounting Possibilities

The AF-SH1 is part of the group of versatile APPFLEX products from Radio Design Labs. These modules combine advanced circuitry, durable all-metal construction, attractive RDL ULTRASTYLE™ colors and versatile mounting possibilities. APPFLEX modules are ready to drop in a cabinet, chassis or panel cutout. Numerous ULTRASTYLE wall mounting accessories and tabletop chassis are optionally available to facilitate system design.

SYSTEMS SOLUTIONS

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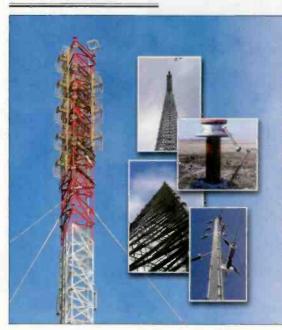
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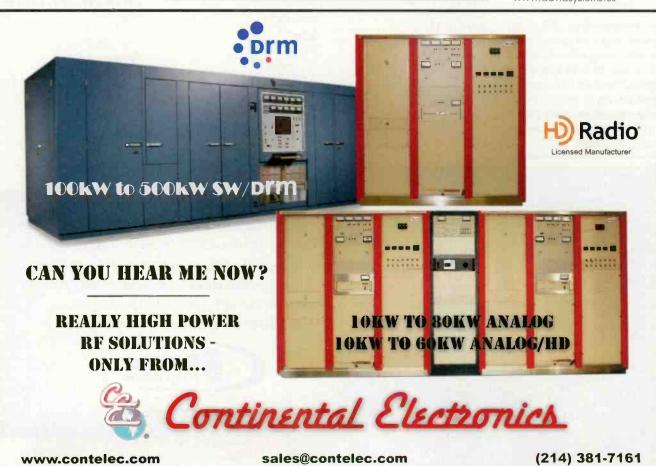
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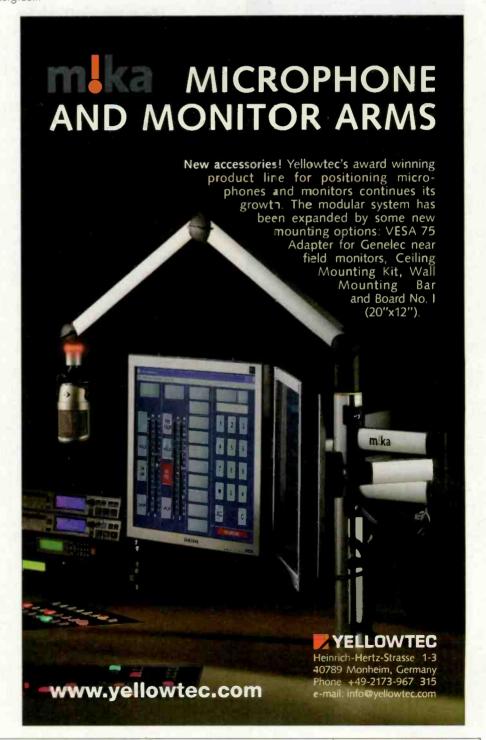
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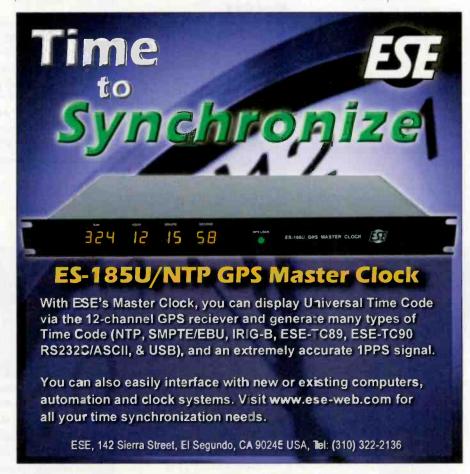
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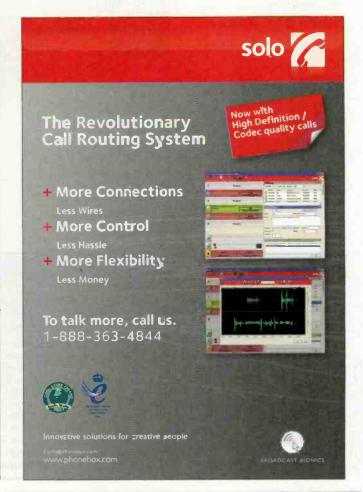
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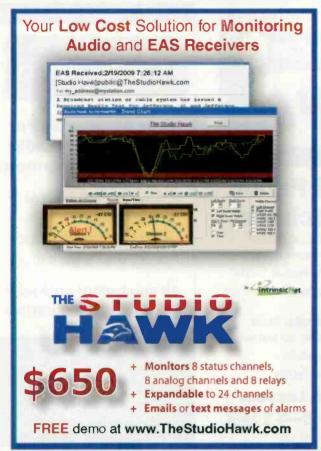


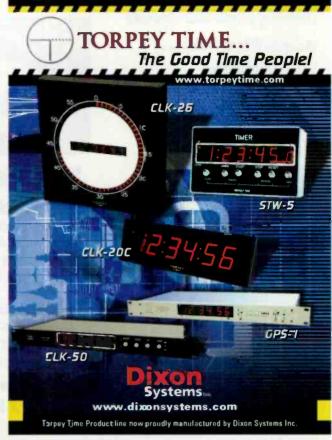


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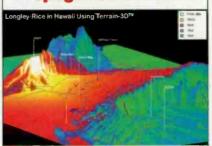
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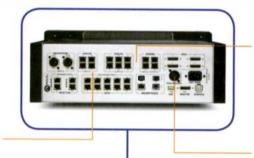
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Everything's included

Yeah, we said everything: PowerStation combines half-a-dozen essential tools into one compact unit. No hidden extras to buy, no "gotchas" after purchase. Inside that muscular chassis you'll find a bulletproof mixing engine capable of handling consoles up to 40 faders, a beefy power supply (with optional redundant power), machine control ports, and audio 1/0, all in one box. And of course, since it's from Axia, the IP-Audio experts, a studio built with PowerStation can stand alone — or it can become a part of a large network quite easily. Thanks to PowerStation Simple Networking, you can daisy-chain up to 4 PowerStation directly for easy multi-studio installation without the need for a separate core switch. Just another way Axia makes IP-Audio easy.

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E asy as \(\text{\$\pi\$} \) PowerStation combines a console DSP engine with audio and logic and a network switch, all in one box. As its name implies, there's a whole lot o' muscle inside that burly frame, but that doesn't mean it's complicated. In fact, setting up PowerStation couldn't be easier: connect your studio gear with standard CAT-5 cables, connect your console with just one cable, name your sources and set preferences with a browser, and you're ready to rock. PowerStation makes building studios about 3.14 times easier than ever.

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The power supply is the heart of any broadcast equipment, right? That's why PowerStation is hardened against failure with a super-duty power supply that sports enough amps to power an arc welder. And for those of you who like to wear a belt and suspenders, there's even a connection for redundant auxiliary backup power — with automatic switchover, naturally — that kicks in if it's ever needed.

Fan free • PowerStation is silent and fanless. Because studios today are already full of PCs, laptops and playout servers clicking, whirring and generating heat — who needs more of that? Not only is there no in-studio noise with PowerStation, those big extruded heat sinks are just plain cool. No pun intended (or maybe it was. We're like that, you know).

Built like a tank • Remember when consoles were built to last? We do. At Axia, we're all about the long haul. There are no compromises: Power Station uses only best-of-the-best components. Like studio-grade Mic preamps and A/D converters. A rigid, steel-framed, EM-tight chassis that shrugs off RF like Walter Payton brushling off tackles. An industrial CPU designed for high reliability in harsh environments. Beefy extruded heat sinks. Big, brawny handles to make rack-mounting easy. (And it looks cool, too.)

You're covered •

Axia has the most comprehensive warranty in the industry — 5 years parts and service And (not that you'll need it), free 24/7 technical support, 365-daysa-year. We've got your back, my friend.





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