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# infoComm08

## INFORMATION COMMUNICATIONS MARKETPLACE

### Product and Staged Events Award Winners Announced

by Ryan Abeling

The Rental & Staging Product Awards and Lighting&Sound America's Staged Event Awards were held yesterday afternoon. This year's awards featured some of the most innovative products on the market today.

This year's Rental & Staging Product Awards winners are:

- **Best Loudspeaker for the Staging Market:** JBL VRX 900 Series Loudspeakers
- **Best Audio Control or Mixing Product:** Roland M-400 V-Mixing and Recording System

(continued on page 102)



Advanced AV won the AV Systems Rack Integration Challenge, which showcases InfoComm pro AV system integrator members' rack building design, installation, and programming. Pictured (l-r) Mark Tracy, CTS, Middle Atlantic Products; Dave Goldberg, CTS, Advanced AV; Joe Barbo, CTS-I, Advanced AV; Kevin McGinniss, CTS-D, Advanced AV; Kevin Handerson, Middle Atlantic Products; and Jay Armand, CTS, Advanced AV.

### Market Study Shows Growth in Asia

by Mary Bakija

At a press conference yesterday, InfoComm presented the results of the 2008 InfoComm Asia Pacific AV Market Definition and Strategy Study (MDSS), conducted by Fusion Consulting on behalf of InfoComm. The study shows that the professional AV market in the Asia Pacific region is expected to grow to nearly \$18 billion by 2010.

"The AV market is growing and is similar everywhere in the world, and how people do business is similar everywhere in the world," says Randal A. Lemke, Ph.D., Executive Director of InfoComm International. "Growth like this makes a lot of sense."

The report finds that the professional AV market reached \$13.4 billion in 2007. Products comprise 80 percent of the total market, while professional AV services account for the remaining 20 percent. One surprise of the study was the emergence of karaoke as the fourth largest customer segment in the region.

(continued on page 102)

### Videoconferencing Goes to the Next Level

by Alicia Zappier

Videoconferencing has evolved significantly in the past decade, as more businesses are reaping the benefits of collaborating with a person or a group of people in one or in several different locations. Telepresence, however, has taken videoconferencing one step further. It refers to "life-size" videoconferencing with super crisp images and near-perfect audio, says Mark Valenti, InfoComm president.

"Technologies are maturing so that we can do one-on-one video. Telepresence is becoming very popular, it's the breakthrough that says videoconferencing really works," he says.

He said the benefits of telepresence are unmatched, like being able to detect body language and facial expressions during a meeting, which are key facets to successful communications. "Telepresence allows the whole spectrum of communication to

occur," he adds.

To address this latest technology, the show unveiled a new special interest conference called Telepresence @ InfoComm, which discussed current and future technologies in the telepresence arena, as well as demonstrated some case studies by users.

"We want to be the primary show for videoconferencing," says Randal A. Lemke, Ph.D., Executive Director, InfoComm International.



Reid Rasmussen of Fusion Consulting

Innovation from within.



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visit: Booth C1500 in Central Hall 1, Booth C2983 in the HD Conferencing Showcase, and the Large Venue Display Gallery.

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## newsbriefs

### Harris Showcases Digital Signage and Multiviewer Solutions

Harris Corporation (Booth N7119) is showcasing its expanded portfolio of Harris Digital Signage solutions and Zandar multiviewers at InfoComm 08.

Harris is demonstrating its expanded line of InfoCaster content creation and layout systems—the key component in the Harris Digital Signage offering. Harris Digital Signage solutions are scalable to support small, multi-screen implementations at a single venue as well as large enterprise-level installations that encompass large numbers of venues, zones and screens.

The Harris InfoComm 08 exhibit also includes the latest in Zandar multiviewers for creative professional AV displays, including the newest addition to Harris Corporation's flexible line of multiviewer solutions, the Zandar Predator II.

### Roku Shows Digital Sign Controller

Roku's (Booth N7051) BrightSign HD2000 is a fully integrated, high-definition digital sign controller that offers plug-and-play networking to streamline content management for robust, high-impact digital sign and kiosk applications. The controller, which was first introduced at the Digital Signage Expo last February, has received early customer acceptance.

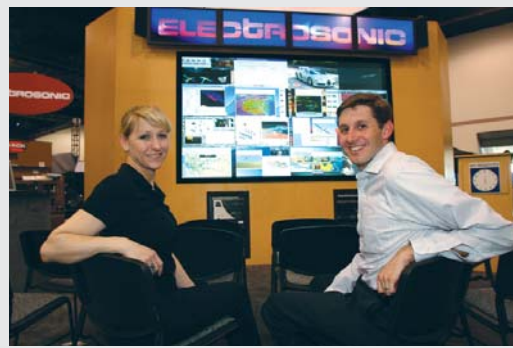


Juan Manuel Osorio (l), Dean of The School of Hotels, Services and Entertainment at Politecnico Internacional in Bogota, Colombia, and Randal A. Lemke, Ph.D, Executive Director, InfoComm International, agree to work together to develop qualified AV professionals in Latin America. Politecnico Internacional will begin delivering the Spanish version of InfoComm's *Essentials of the AV Industry for Technical and Sales Professionals* to students, making it the first school in the region to offer this respected curriculum.



Sonic Foundry demonstrated its MediaSite 5.0 software and MediaSite 500 series recorders at Booth N5560 yesterday. Pictured (l-r) are Sean Brown, vice president of education; Rob Lipps, executive vice president of education; Monty Schmidt, chief technology officer and founder; and John Pollard, technical products manager.

Here at Booth C924, Electrosonic is announcing an ES7000 IPTV transport product range that will have a future release. The ES7000 products provide connectivity solutions for real time distribution of 3G SDI, HDSDI, or SDI video. Pictured here are Electrosonic's Jennifer Wisheart (left), managed media services sales, and Bryan Hinckley, business manager, managed media services.



Elite Screens marketing manager David Rodgers shows off the Kestrel Portable Electric Screen at Booth C4349. The Kestrel measures 84 or 100 inches diagonally in either a 4:3 or 16:9 aspect ratio and has a stylish piano gloss finish.

## newsbriefs

### Avocent Wireless Distribution Product

Avocent Corporation (Booth N6925) has introduced a new model of the Emerge MPX extender, the MPX1500T high-definition (HD) multipoint extender transmitter, which wirelessly distributes HD content from a source to multiple destinations. Avocent's MPX system improves the value proposition for both the end-user and the integrator. For the end-user, wireless digital signage minimizes business disruption by not requiring new wiring and reducing installation time. For the integrator, wireless video distribution allows a turnkey system to be developed, pre-staged, and dropped into place at the customer's site.

### Echolab Releases SuperBox Module

Echolab (Booth 1928) has announced the release of the SuperBox module, which enables users of the company's Overture series production switchers to put as many as six windows on screen. The plug-and-play solution simplifies news and sports production, allowing for simultaneous display of commentators, reporters, or program guests for different locations—all within one picture.



Peerless' Dale Smith, senior director, business development, knows that this is in as he shows off the company's new Slimline ultra-thin universal flat wall mounts, which are only .4 inches from the wall. See for yourself at Booth N5115.



Altinex (C3348) received the Vendor of the Year Award from Herman. Pictured (l-r) Jeffrey A. Wolf, executive vice president, Herman; Jeffrey Mikoleit, CTS, national sales manager, Altinex; and David Wolf, president, Herman.

FogScreen, Inc. is partnering with select AV rental companies and AV integrators nationwide.\*

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\*There are still key territories available for FogScreen, Inc.'s successful AV Rental Partner Program

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## Ford Audio-Video Brings 65 Employees to InfoComm

by Alicia Zappier

For the past three years, Ford Audio-Video has been bringing 65 engineers and project managers from its 260-person company to InfoComm. The Oklahoma City-based business designs, installs, services, and rents professional sound, video, and lighting systems to various clients.

Company president James A. Ford says the cost justifies the benefits. "We're able to lock down hour-long meetings with manufacturers rather than just drop by for 10 minutes, and we don't have to tell our story 65 times. We just tell it once," he says.

"Our employees work hard all year long, and this is the one single event where they

can not only network, but get a solid education. It's kind of a reward for them," he adds.

Employees flew in from multiple locations and arrived at the Las Vegas Convention Center on a bus the company rented. They spend two full days here. "As a contractor, we're always looking to implement the best technologies, and we're always looking to learn how to integrate them into new systems," Ford says.

The 35-year old company is mainly focused on highly technical projects such as convention centers and airports. "We look at everything here, but we're really focused on contracting and integration," Ford points



out. He wants to return next year with this many employees, if not more.



BroadSign (Booth N6415) has released BroadSign Suite 6.1, an update that is designed to further facilitate buying screen time on digital signage networks. The application also offers more flexibility in creating content playback schedules. Pictured (l-r) Rick J. Engels, president and CEO, and David Womeldorf, executive vice president, marketing and products.

## quickhits

### Panasonic Shows New LCD Projector Line

Panasonic Projector Systems Company (Booth C2401) is launching its newest line of LCD projectors optimized for performance and maximum portability.

Designed for small to mid-sized meeting rooms and classrooms, the highly portable PT-LB80 series projectors, including the PT-LB80NT, PT-LB80, PT-LB75NT, PT-LB75 projectors and their widescreen counterpart, the PT-LW80NT, display a compact, dust-resistant design to reduce maintenance costs and increase mobility.

The PT-LB80NT, PT-LB75NT and PT-LW80NT also feature built-in wireless capability designed for professionals on-the-go who require reliability and high-quality presentation tools when working remotely. All projectors in the PT-LB80 series deliver long-lasting brightness and outstanding picture quality in a small, but full-featured system.

### Vidyo, Digital Video Enterprises Partner

Vidyo, Inc. and Digital Video Enterprises (DVE) (Booth C3066) are partnering to provide new and existing customers a scalable video codec option that combines telepresence rooms with HD desktop videoconferencing. In addition, DVE's Telepresence 50

systems for group conferencing and executive telepresence system for offices will integrate with Scalable Video Coding (SVC) based infrastructure supported by Vidyo technology.

### Radial Introduces V8 Coupe

Radial (Booth C4881) introduced the Radial V8 Coupe, a more compact version of the popular Radial V12 Convertible modular snake. The smaller V8 Coupe is designed to accommodate custom splitter designs for combining multiple digital consoles with differing data formats, providing analogue mic splits for recording live shows and the smaller footprint makes the V8 particularly advantageous for fly-packs.

## 2008 ARCHI-TECH AV Award Webinar Series

Beginning this summer, the five winning ARCHI-TECH Award projects will be featured in separate e-Lunch and Learn webinars. Each one-hour webinar allows attendees to learn how the AV design and technology challenges were met, directly from the people responsible for these "best-practice" case studies.

The educational webinars are offered for learning units—recognized by both AIA and InfoComm.

Plan to dial in and log on for the 2008 ARCHI-TECH Award Webinars:

**Webinar Date: Aug. 6** Project: Victory Media Network

**Webinar Date: Aug. 20** Project: Blue Room Theater at Chesapeake Energy Corporation

**Webinar Date: Sept. 3** Project: Harman Center for the Arts

**Webinar Date: Sept. 17** Project: InterActiveCorp Video Walls

**Webinar Date: Oct. 1** Project: Iowa State University C6 Virtual Reality Center

For details, visit [www.architechmag.org](http://www.architechmag.org) or [www.infocomm.org](http://www.infocomm.org).

Stop By Booth #C2902

AMX's new RMS/Anerus tracking system AMX joins the tracking convenience of Anerus RFID tags with the power of RMS Resource Management Suite software. Now you can extend the reach from equipment monitoring to equipment location and tracking. This new system saves your customers time and money, plus takes advantage of powerful reporting tools, including device and room usage, preventative equipment maintenance and more.

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- Improve device and labor efficiencies with comprehensive reports
- Track networked and non-networked devices
- Prevent device theft

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## shownews

### HD Conferencing & Telepresence Demo

Experience this hot technology firsthand and learn about the latest in HD conferencing and telepresence systems as leading companies demonstrate their products. The HD Conferencing & Telepresence Demo is brought to you by titanium sponsor Sony with additional support from Digital Video Enterprises, LifeSize, Polycom, Telanetix, and Telepresence Tech; systems integration sponsor SPL; and rack sponsor Middle Atlantic Products, Inc.

Located in Central Hall 3, Booth C2976, the HD Conferencing & Telepresence Demo lets you experience the magic of these impressive technologies.

HOTSPOT  
CENTRAL  
HALL 3

## newsfrom ARRIVE CORPORATION

Check out Arrive Corporation's ControlPoint system at Booth C2434. ControlPoint offers unified control that handles scheduling, connecting, controlling, and monitoring. Features include easy navigation for room search, drill-down graphics, intuitive automation presets, EasyGraphic icons to denote in-room equipment, and real-time system monitoring.



Barco's NX Series LED displays can be seen at Booth C2830. The NX models have the unique Black LED, which lets the displays deliver the deepest black of any product on the market. Pictured (l-r) is Barco's Mike Jones, vice president and general manager, media and entertainment division; Dave Scott, president, North America; and Nico Vernieuwe, vice president events, media and entertainment division.

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Jeff Singer, marketing communications director, Crestron, is on hand at Booth N5600 to demonstrate the company's new TPS-6X Isys 5.7-inch wireless touchpanel. The TPS-6X has a lightweight, contoured design for handheld and tabletop use, and can provide ultra-reliable 2-way wireless operation with a range of up to 200 feet.



Video Equipment Rentals (VER) is showing off their services at Booth N6506. Pictured (l-r): VER's George Duran, Erin Dundee, Steve Davey, and Tom Armbruster.



Listen Technology president Russell Genter demonstrates the company's new LP-3CV-072 value package at Booth C3903. The package is an easy to use assistive listening system, and is designed for houses of worship, classrooms, theaters, employee training, business meetings, and more.

## newsbriefs

### Nigel B Design

Nigel B Design is at Booth C4536 with its Plenum Rated Equipment Boxes. These boxes meet NEC and UL code requirements for the installation of equipment and power in the plenum or ceiling space. The box is 14 x 14 inches and almost 5 inches high. Its mounting options allow many different types and sizes of equipment to be installed inside its extremely strong aluminum interior.

### InterCall

InterCall is showcasing its videoconferencing and global conferencing solutions at Booth C2441. InView, InterCall's premier videoconferencing service, features InView Online, which is a web-based system that lets user make reservations, access reports, and view billing information 24 hours a day, seven days a week. It also has multiple carrier switching options, complete network solutions, and videostreaming.



Stewart Filmscreen's Don Parenta, eastern regional sales manager, commercial and professional products, shows off the company's StarGlas 60 Cluster Wall at Booth N5827. The StarGlas 60 has an image size of 104.5 x 187 inches, with an 12,104,000-pixel and 78,000-lumen display.



Sanyo (Booth C2848) has been garnering attention throughout the show with its new 4LCD Engine, which adds a Color Control Device to conventional 3LCD (red/green/blue) systems. The additional Color Control Device allows projectors to automatically control the amount of yellow light in the image. Pictured: Mark Holt, vice president/general manager, presentation technologies, Sanyo.

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## shownews

### Lighting & Staging Pavilion

The **Lighting & Staging Pavilion** brings to light solutions, products and services for buyers and major AV houses. Join well-known companies such as A.C.



Lighting, A.C.T. Lighting, Columbus McKinnon, Creative Stage Lighting, Elation Lighting, Electronic Theatre Controls, Element Labs, Lex Products, Lutron, Main Light, PixelRange, Rose Brand, Seachanger by Ocean Optics and TMB Associates, for a visual look at Rental & Staging and stay out of the dark!

The Lighting & Staging Pavilion also features Rigging & Staging Demonstrations taking place every hour on the Show floor. Sponsored by the ESTA Foundation, the InfoComm International Rental & Staging Council and *Lighting&Sound America*, these sessions are your backstage pass to learn what's involved in getting ready for a big show. Seasoned industry professionals, including ETC Certified Riggers, will use actual trusses, motors, hardware, lights, line arrays, LEDs and safety harnesses to demonstrate safe rigging practices. You won't want to miss it!

Located in Central Halls 4 and 5, the Lighting & Staging Pavilion is brought to you by gold sponsors Barco, Crestron, and Quest Drape; and media sponsor, *Lighting&Sound America*.

**INFOCOMM BOOTH #3908**

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## Yamaha Shows New Amplifier Control Device

At Booth C3969 Yamaha Commercial Audio Systems, Inc. is introducing the ACD1 amplifier control device. This new device enables complete remote control and monitoring of power amplifiers and provides a convenient, reliable means to connect a computer running Yamaha's advanced NetworkAmp Manager II amplifier control and monitoring software to Yamaha Tn, PC1N, XP, XM and XH series amplifiers. The ACD1 is scheduled to delivery in the fall of 2008.

Up to 32 daisy-chained Tn and/or PC1N series amplifiers can be connected to the ACD1 DATA PORT connector via standard Ethernet cables, while as many as eight XP, XM, and/or XH series amplifiers can be connected to individual MONITOR/REMOTE connectors via appropriate D-sub cables. The new Yamaha TXn power amplifier connects directly to NetworkAmp Manager II via Ethernet without the need for the ACD1, so the user can simultaneously connect TXn



Yamaha's ACD1 amplifier control device

amps with other Yamaha amplifiers via an ACD1 unit to a single computer by using a standard high-speed Ethernet hub.

"The NetworkAmp Manager II software enables users to monitor, manage and control the available functions of Yamaha amplifiers connected to a network via the ACD1," states Albert Cardenas, acoustic systems manager, Yamaha Commercial Audio Systems, Inc. "Once the Windows-based software is set up, the ACD1's efficient, intuitive graphical interface can be used to remotely monitor and control all devices on a network."

In addition to comprehensive control and

monitoring capability, the NetworkAmp Manager II software also provides a number of features that can manage and control large multi-amp systems efficiently. The software's intelligent grouping feature allows users to freely name and group amplifiers for easy identification. Users have access to desired location by amplifier, speakers or drivers or through any other user-defined identifiers. The software also sends an alert when parameters such as voltage, wattage, temperature or impedance exceed pre-defined values, and automatically log such events to an information file for troubleshooting purposes.

## New Audio-Technica Wireless Bundles Include MicroSet Headworn Mic

Audio-Technica (Booth C3757) is offering a series of new bundles featuring the Audio-Technica AT892cW MicroSet headworn microphone with the A-T 2000 and 3000 Series wireless systems. Based on market comments as well as the separate products' immense success and popularity, these bundles offer a cost-effective, all-in-one, turnkey solution for wireless needs, making them ideal for church/house of worship, educational and commercial scenarios.

Intended for a wide range of applications, the AT892cW subminiature headworn condenser microphone combines maximum audio quality, minimum visibility and a unique, comfortable under-ear design.

Featuring state-of-the-art miniaturization technology, the AT892cW utilizes a condenser capsule with a diameter of a mere 2.5 mm, making it ideal for "low-profile" applications, while providing the high-quality industry-standard Audio-Technica sound on which professionals have relied for over 40 years.

The 2000 and 3000 Series True Diversity Wireless Microphone Systems deliver increased versatility while underscoring A-T's commitment to being the microphone technology leader. The 2000 Series is a 10-channel frequency-agile UHF wireless system, and the 3000 Series is 200-channel frequency-agile. They are both designed for a variety of wireless applications, employing Audio-



Audio-Technica's ATW-3192a wireless system features the new AT892 MicroSet headworn mic (foreground, at right)

Technica's Tone Lock squelch, as well as convenient touch-button operation and easy-to-read LCD information displays.

The new packaging bundles offer an affordable, easy solution for wireless needs for everything from corporate AV presentations and church/house of worship applications to broadcasting and theater sound reinforcement.

## New Data Projector Joins Mitsubishi Line

Mitsubishi Digital Electronics America's Presentation Products Division (Booth C3103) is spotlighting its new XD211U data projector. The XD211U is a native XGA (1024 x 768 pixels) resolution projector that uses the latest DLP technology from Texas Instruments, and its new DDP 2230 DMD chip with BrilliantColor.



Mitsubishi's XD211U data projector

With its compact design and economical form factor that weighs just six pounds, the conveniently portable Mitsubishi XD211U offers a rich combination of features like instant shut-off and an efficient lamp that lasts up to 3000 hours with 2200 lumens of brightness. In addition, the XD211U also comes with an auto-search feature that automatically recognizes either video or data input sources.

Most importantly, the Mitsubishi XD211U is designed with a removable control key pad that also acts as a remote control, so in rooms where access to the projector needs to be restricted and/or monitored, the removable control panel acts as a theft-deterrent and a great way to control usage.

## shownews

### Unified Collaborative Conferencing Pavilion

The Unified Collaborative Conferencing Pavilion, sponsored by IMCCA, continues to showcase companies who offer solutions in video-, audio-, data- and web-conferencing technologies. Exhibitors include: AGT, Arrive Corporation, GlowPoint, LifeSize, Radvision, Tegrity, Teliris and York Telecom, among many others.

Located in Central Halls 1 and 2, the Unified Collaborative Conferencing Pavilion is brought to you by titanium sponsor Sony; platinum sponsors Radvision and Tandberg; gold sponsor InterCall; silver sponsors Computenix, DVE, Glowpoint Video, LifeSize, myVRM, Polycom, Telanetix, Telepresence Technology, Teliris, Virtela, Yamaha, and York Telecom; and association sponsor Interactive Multimedia Collaborative Conferencing Association.

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## New 2-Way Loudspeaker Joins Electro-Voice Line

The Electro-Voice (Booth C3429) ZX3 offers an unprecedented level of lightweight 12-inch two-way loudspeaker performance for the widest variety of portable and installed applications.

Featuring the new DVX3121 12-inch woofer and the ND2 neodymium compression driver, ZX3 continues the groundbreaking innovation of the Electro-Voice DVX woofer program, joining the ranks of EV's ZX series between the eight-inch ZX1 and the 15-inch ZX5.

When it comes to problem/solution versatility, ZX3 is truly in a class of its own. In addition to the highest performance drivers available, a complete range of optional accessories, including the CB3 array kit, MB3 wall/ceiling mount bracket, HA-3 handle adapter for use with the VSA-1 strong arm mount, and TCA-1 truss



**Electro-Voice's ZX3 two-way loudspeaker**

clamp adapter, allow ZX3 to be easily and precisely configured in multiple box arrays, mounted on truss or tripods, deployed as monitors, or used as system mains with a subwoofer.

Housed in a stylish yet

rugged injection molded enclosure, ZX3 shares the same functionality as the larger ZX5, with 90-degree x 50-degree or 60-degree x 60-degree horn dispersion patterns, 45-degree or 55-degree monitor angles, passive or bi-amp operation, and seven M8 rigging points.

## Staging Techniques Bolsters Rep with JBL VERTEC

Reinforcing JBL (Booth C3523) VERTEC as the most versatile, visually discreet line array system in the industry, Staging Techniques, one of the country's leading event and show production companies, recently added 48 VERTEC VT4888 mid-size line array elements to its inventory. With offices in Atlanta, Hollywood, New York and Seattle, Staging Techniques provides a complete array of production support services for events, including audio/video production, lighting design, production management and venue coordination.

Bryce Will, general manager for Staging Techniques' Seattle office, cites VERTEC's rider-friendly qualities as a major factor in the purchasing decision. "Though our business is largely corporate event support, there is always the possibility that an entertainment rider will impact our system specifications," Will says. "In such cases VERTEC will always be accepted as a high-performance PA system. Secondly, JBL's service and support are recognized as the best in the industry. If there is ever a problem, they can respond quickly and efficiently with vast support resources. Thirdly, JBL's position in the Harman Pro group of companies makes it possible for us to deploy a complete, integrated package including Crown amplifiers, dbx signal processing and the VERTEC line array loudspeakers."

According to Will, the small footprint of VERTEC midsize line array loudspeakers was another major factor in purchasing the system. "A typical challenge for us is designing around projection or other video display screens, lighting trusses and camera angles, all of which are production elements we supply regularly for our clients," Will says. "The relatively small footprint of a VERTEC line array system when compared to a conventional one is a huge asset in our day-to-day operations."

Further lowering Staging Techniques' total cost of ownership of the VERTEC system is the product's easy suspension and setup. "VERTEC is very easy to install and strike, another obvious benefit with respect to labor and venue costs—less cable, fewer speakers and amplifiers, and much higher performance over a conventional, distributed system," Will adds.

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## Audio & Education

**Cetacea Sound** announces the newest member of its family of elegant audio products, the **astronaut** ★. This projector audio enhancement system is designed specifically for *Classroom Learning*. Utilizing patented **Group Listening Technology**, voice and music will be heard as intended. Designed to mount to the ceiling, the astronaut installs economically with the **Industry 1st** multi-coupling bracket system. Options include a built-in 3-channel mixer, priority microphone input and hand-held, ergonomic remote control.

Learn more at [www.cetaceasound.com](http://www.cetaceasound.com).

Visit us at InfoComm Booth #C5369

**Technical Audio for the 21st Century**

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www.cetaceasound.com ■ Astronaut is a trademark of Cetacea Sound Corp. © 2008

## Extron Expands DVI, HDMI Product Line

Extron Electronics (Booth C1508) is showcasing more than 20 new products for integrating DVI and HDMI sources and displays, including DVI and HDMI matrix switcher boards for the SMX Switcher MultiMatrix Series, and the first products from Extron for dual link DVI applications including an Extender and an Equalizer.



Extron's new DVI and HDMI products

Extron is also introducing two Fiber Optic Extenders for long distance DVI transmission, four DVI distribution amplifiers and two scalars for converting analog RGB signals to DVI and HDMI.

"We are pleased to offer these new products to address our customers' increasing needs for reliable, integrator-friendly solutions for incorporating DVI and HDMI in their system designs," says Lee Dodson, vice president of marketing for Extron. "Our DVI and HDMI product line enables integrators to design and build a fully digital video pathway, maintaining pristine image quality from source to display."

Extron expands the scope of DVI and HDMI signal distribution solutions with four new DVI DAs with up to eight outputs, and the SMX DVI Pro Series and SMX HDMI Series matrix switcher boards for the SMX System MultiMatrix Modular Multi-Plane Matrix Switchers. The boards are available in 4x4, 4x8, 8x4, and 8x8 sizes, and are HDCP compli-

ant. For dual link DVI applications, Extron offers the DVI DL 101, a dual link DVI equalizer that attaches to the end of a long DVI cable run, and automatically provides the necessary active equalization to ensure optimal image quality. The DVI DL 201 is a transmitter and receiver set for sending dual link DVI signals over three economical and integration-friendly CAT 5-type cables. Both products extend DVI signals significantly beyond the five meter (15 foot) limitation for DVI cables.

For long-haul transmission, the DVI 104 provides an effective, economical solution for extending DVI signals up to 500 meters (1,640 feet) over four fiber optic cables, while the FOXBOX 4G DVI fiber optic transmitter and receiver set sends DVI, audio, and RS-232 signals over a single fiber up to 30 km (18.75 miles). Finally, the RGB-DVI 300 and RGB-HDMI 300 are scalars that convert incoming analog component video or RGB signals to DVI and HDMI, respectively, with selectable output rates up to 1920x1200, including HDTV 1080p/60.

## Anti-Slip Cable Pads Ready to Join Middle Atlantic Line

New from Middle Atlantic Products (Booth C3403) are the ASP-OWP Series Anti-Slip Cable Pads designed to improve cable management and performance in a range of A/V applications.



Middle Atlantic's Anti-Slip Cable Pads

manufacturers' requirements.

More importantly, these unique pads eliminate the need to over-tighten the cable fastener to the point where it deforms or "kinks" the cables, an issue that can interrupt critical A/V transmissions.

When cable is dropped in from the top of racks and enclosures where hook and loop or wire tie type fasteners are used, the weight of the cable creates a significant and often problematic strain on the tie points, connection points and horizontal to vertical transition points.

The new ASP-OWP Series Anti-Slip pads have been designed to remove close to 40 percent of the cable weight off the tie point, while reducing pull tension where cables are fastened to meet or exceed cable

Featuring a patented high tack polymer material that provides a permanent high friction surface unaffected by extremes in temperature, the pads can be easily cleaned with a damp cloth to ensure that dust or other debris does not affect tackiness. Typical of Middle Atlantic's environmental awareness, the adhesive material is odorless, non-toxic and contains no latex.

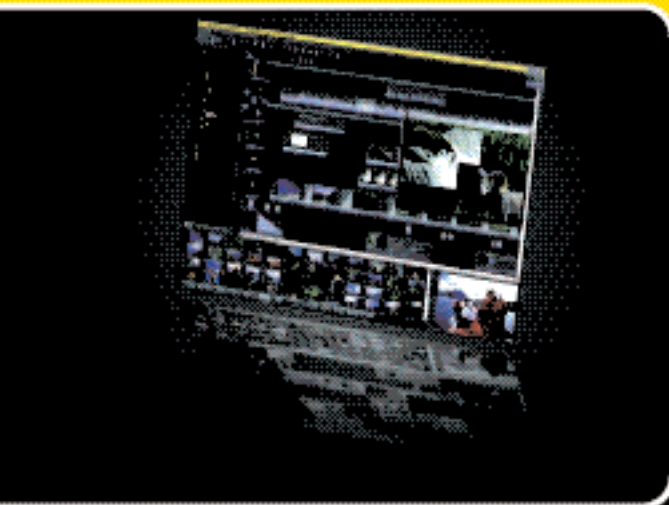
## quickhits

Brightline's (Booth C4409) T-Series videoconference systems provide energy-efficient, broadcast-quality lighting in a format designed for easy installation in

any type of ceiling. The T-Series' patented articulation feature makes them the only fixtures that can be precisely rotated into a desired directional position during conferencing and then returned flush to the ceiling between sessions or for general task lighting.

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## Crestron Green Lights Wireless iLux System

Perfect for both new and retrofit applications, Crestron's (Booth N5300) wireless iLux CLS-C6MRF—part of the CRESTRON GREEN LIGHT family of products—is an integrated lighting system with a built-in motion detector for enhanced energy management. Designed for wall mount installation, the CLS-C6MRF controls six channels of dimming and six groups of shades, expandable to 54 each. Large "ON" and "OFF" buttons and six two-level rocker buttons enable the recall of

up to 15 scenes for lighting and shades, and corresponding seven-segment LED bargraphs offer easy visualization of lighting levels in each zone. iLux operates both as a stand-alone control system or integrates seamlessly into a full Crestron control environment.

iLux is a complete, integrated lighting system ideal for in boardrooms, auditoriums, home theaters; anywhere that versatile and cost-effective control of lighting and shades

is required. Up to 16 Crestron keypads may connect directly to an iLux, and touchpanels and AV control may be added by connecting to an external Crestron control system. The Crestron reputation for innovation and reliability, combined with high-quality integrated dimming, native shade control, and extensive customization and integration ability make iLux the ideal choice for all types of room lighting and shade control applications.

Based on Crestron infiNET wireless mesh



Crestron's CLS-C6MRF controls six channels of dimming and six groups of shades

network technology, the CLS-C6MRF utilizes an embedded 2.4 GHz RF wireless network, providing the most stable, reliable communications over larger areas without adding additional gateways. Built into each infiNET control device is an RF transceiver chip, and each transceiver, or "node," can act as a repeater, supporting multiple redundant signal paths within a mesh network topology.

# Feb. 17, 2009

**"...WIRELESS MICROPHONES THAT OPERATE ON FREQUENCIES ABOVE 698 MHz SHOULD NOT BE USED AFTER FEBRUARY 17, 2009."**

**"...THE FCC IS CONSIDERING THE USE OF THE 'WHITE SPACES' [BELOW 698 MHz] TO DELIVER WIRELESS BROADBAND INTERNET SERVICE TO CONSUMER WIRELESS DEVICES."** LEADING UHF WIRELESS MANUFACTURER

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## Chief Thins Out Flat Panel TV Mounts

At less than the width of a penny, Chief's (Booth C1224) new Thinstall Series makes no compromise to maintain the low-profile of this year's ultra-thin flat panel TV revolution. The new line of mounts incorporates exclusive design features from Chief, like GlideLock tool-less latching, to achieve faster installation in the field.

The unique, one-piece bracket provides a custom fit for a TV so installation is quick and easy and Chief's exclusive GlideLock technology provides simple, tool-less latching. Unlike universal mounts, the custom design of the Chief mounts ensures that you will have appropriate cable access without interference because the mounts are designed around the electrical placement of the TV.

The Thinstall mounts are compatible with Chief's PAC520 In-Wall Box Accessory. This In-Wall Accessory simplifies plasma TV installation by providing an organized, recessed space for routing excess cables and attaching surge protectors/power conditioners.

The first mount offered in the Thinstall Series, PSMT2015, is designed for Hitachi's new 1.5 UltraThin HDTVs. Complementing the ultra low-profile of this TV, the PSMT2015 has a depth of only 0.49 inches, measuring in at one-third of the UltraThin flat panels it supports.



Chief's Thinstall flat panel TV mount

# Sony Unveils 1080i HD Vidconferencing System

Sony is at Booth C1500 highlighting its first 1080i HD videoconferencing technology, the PCS-XG80 system.

The new system combines up to 1080i resolution and a high frame rate of 60 fields per second to deliver superb live video quality and a very natural alternative to face-to-face meetings. Its backward compatibility gives users the option of connecting with HD video quality through the growing number of affordable high bandwidth connections or through standard-definition legacy systems over IP and/or ISDN. In an industry first, this new system also features BrightFace, Interactive Annotation, and RF Remote functionality.



**Sony's PCS-XG80 1080i HD videoconferencing system**

The PCS-XG80 system is an expansion of Sony's current HD videoconferencing line-up, and incorporates several functions and features of Sony's PCS-HG90 system. From PowerPoint presentations and animations to live DVDs, users can also seamlessly share PC

data in HD at 30 frames per second. Dual stream functionality lets users send two separate parallel streams of live, HD information. Both live camera view and animated PowerPoint data, for example, can be displayed in HD on two different screens or projectors at a remote site.

Featuring six-site multipoint conferencing, users can call up to five other remote sites to simultaneously meet, with multi-language support for 20 different languages available through easy-to-navigate menus. Wide band stereo audio also enhances the overall meeting experience for users with crisp and clear sound.

Says Aleta Moeller, marketing manager for Sony Electronics' IPELA videoconferencing group, "This technology allows people to engage 'face-to-face,' without incurring the financial, environmental and human costs of what is often unnecessary travel in today's global business environment."

The PCS-XG80 is expected to be available this summer in the United States through Spire Global, Sony Electronics' sales and service arm for its IPELA line of IP-based video conferencing endpoints and accessory products in the United States.

# Triveni Digital Features Digital Signage Lobby



**Triveni Digital's Ensignia Digital Signage Lobby**

At Booth N5941 (with LG Electronics), Triveni Digital is highlighting its new Ensignia Digital Signage Lobby, a stand-alone, self-contained system for digital signage deployments requiring only one display screen. Integrated with LG Electronics' M4210N flat-panel HDTV LCD display and MediaManager software for control over LAN/WLAN, the new Lobby system provides an economical, space-saving, and easy-to-install solution for high-quality content display in a broad range of applications. Everything for the system comes in a single box—the user is only required to install the screen, plug in the power cable, and connect an existing PC to the system to run its MediaManager application. Lobby supports ad insertion and multiple-quadrant viewing, and the system also can be configured to display live video via IP (digital) streaming or set-top box. Lobby is intended for digital signage installations in regional banks, convenience stores, wireless/telco stores, emergency network services, houses of worship, public works facilities, real estate and tourism offices, and doctor and dentist offices, among others.

Triveni Digital's primary competitive advantage lies in its knowledge of networking, transmission, and video. The company's Ensignia product line reflects this knowledge and, complemented by LG Electronics' expertise, provides an exceptional end-to-end digital signage solution. Whereas most vendors provide software-only packages and leave the overall system quality up to the end user, Triveni Digital ensures the best possible quality by delivering Ensignia in a system environment that incorporates both software and hardware. Ensignia is designed to reduce both the cost and complexity of entering the digital signage market while delivering superior quality.

## TASCAM CompactFlash<sup>®</sup> Recorders

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- 3** Our flagship **HD-R1** provides microphone inputs, Ethernet control and a host of other advanced features including 96kHz recording and Phantom Power.

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## Turbosound Showcases TCS Loudspeakers

Turbosound's (Booth C3908) new TCS series of sound contracting loudspeakers is positioned as a comprehensive enhancement to the company's existing TCS Compact range. The series offers a range of contractor-friendly variants including 90 degrees H x 60 degrees V or 60 degrees H x 40 degrees V horn patterns, IP54 weather resistant specification and multiple rigging points.

Most TCS cabinets in the range feature a double-trapezoidal form for tighter, neater-

looking flown clusters, including two single 15-inch bass cabinets configured to fly tidily and conveniently with either 12-inch or 15-inch based mid-highs.

Also featured at the Turbosound booth is the all-new Flex Array system, which has been designed from the ground up, resulting from a three-year development cycle closely related to the development of the Polyhorn, and utilizes Turbosound's patent pending Dendritic horn, which produces a line source

element with superior directional qualities together with trademark Turbosound clarity and definition. All neodymium drive units ensure that weight is kept to a minimum for easy trucking and handling.

The new Impact series caters for the styled areas of the fixed install market, building on the success of the Impact 50 and Impact 80 since their launch over a decade ago. Now in elegantly styled, paintable, injection moulded enclosures with IP54 weather resis-



**Turbosound's TCS sound contracting loudspeaker**

tance, the Impact series loudspeakers are perfectly suited to fixed installations in cafés, bars, houses of worship-particularly sensitive locations, where the audio system needs to be as unobtrusive as possible-and leisure facilities, as well as for corporate events.

## DPI Brings 3-D Projection to Franklin Institute

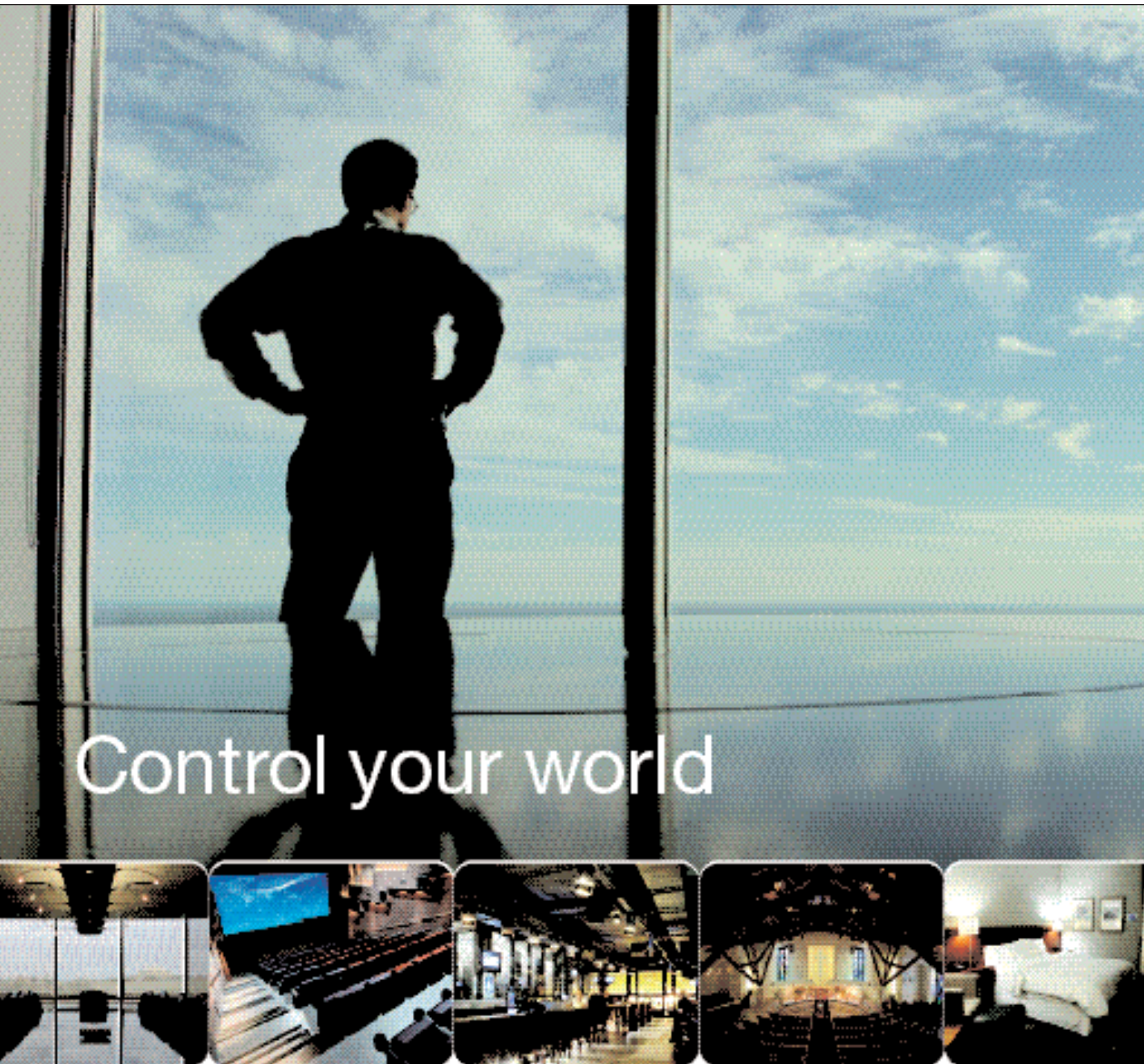
MediaMerge Inc. is employing two LIGHTNING 30-1080p projectors from Digital Projection International (DPI, Booth N6340) in a full audio, video and lighting redesign of the Franklin Theater in Philadelphia, PA. The full facility renovation allows the Franklin Theater to deliver full 3-D, satellite and hi-def Blu-Ray digital projection capabilities.

Alabama-based MediaMerge Inc., a DPI commercial customer, was responsible for implementing the two LIGHTNING projectors, as well as completely upgrading the theater's acoustics, screen and surround system. The two LIGHTNING 30-1080p projectors deliver images to a 16.8-foot x 30-foot screen using two HD video servers, an integrated Blu-Ray player and HD satellite receiver as sources. The new equipment enables both education and entertainment-based performance events and cements the Institute as a desirable corporate destination for live audio/video presentations, simulcasts and video conferences.

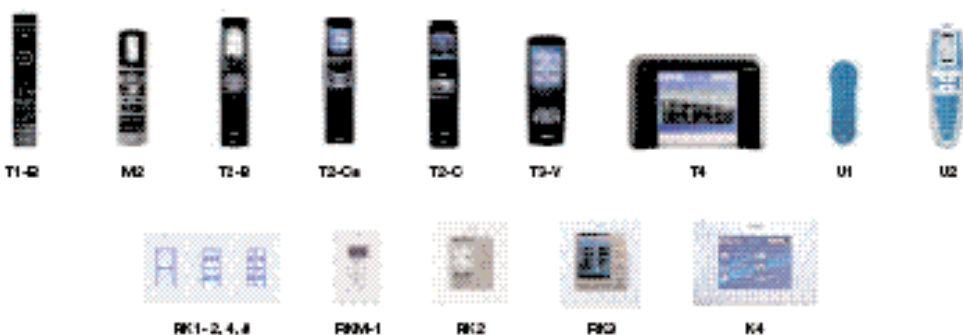
Tim Ogletree, chief designer of the Franklin application project, remarks, "As the theater was built in the 1930s, determining effective yet non-intrusive projector positions was a tricky task. We chose Digital Projection's LIGHTNING projectors because we needed a high-contrast solution that also offered a great deal of mechanical flexibility. The image quality, lumen output and customer support we received from DPI and their equipment helped MediaMerge create a theater experience worthy of such a historic venue."



**Two Digital Projection LIGHTNING 30-1080p projectors are employed in a full audio, video and lighting redesign of the Franklin Theater in Philadelphia, PA**



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## Ballroom Waltzes to Meyer Sound Tune(up)

Since opening in 1955, the Beverly Hilton has been a classic Southern California landmark, combining the glamour and excitement of Hollywood's entertainment industry with the opulence of Beverly Hills. The hotel's renowned International Ballroom has an impressive pedigree of its own right, including hosting such notable events as the annual Golden Globe Awards, Oscar Nominee Luncheon, and the Milken Institute's Global Conference. As part of a spectacular three-

year, \$80 million renovation, the International Ballroom received an audio makeover complete with a compact, yet powerful, Meyer Sound (Booth C3649) system designed and installed by db Integrated Systems (dbIS) of Chicago, Ill.

The Meyer Sound system at the Beverly Hilton is in a left-center-right configuration; with five Meyer Sound MICA line array loudspeakers flown left and right, and four M'elodie line array loudspeakers in the center.

Two MSL-4 loudspeakers cover sidefill duties, and a pair of UPA-1P loudspeakers fills outer areas. Three UPJ-1P VariO loudspeakers supply delay reinforcement, while four 700-HP subwoofers are built into the stage wall, two at each end of the stage, to supply sub-bass.

The impetus for installing a high-end sound system from Meyer Sound came from AVT Event Technology, the highly creative on-site AV production company which services all of the hotel's in-house production needs. "For a long time, any performer who played here brought in their own system, because the house PA was



As part of a spectacular three-year, \$80 million renovation, the Beverly Hilton hotel's International Ballroom received an audio makeover complete with a compact, yet powerful, Meyer Sound system.

pretty inadequate," says Billy Thornton, AVT's event production manager. "So, we've had the opportunity to hear a lot of different systems in this room, and nothing has sounded as good as the MICA."

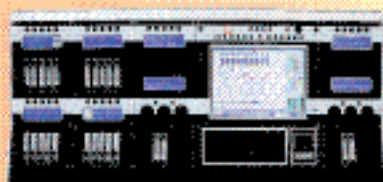
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## Training DVD Free with Echolab Overture Switchers

With every purchase of its Overture1 and Overture2 switchers, Echolab (Booth C1928) is providing the user with a complimentary training DVD outlining use of the switcher's unique features, functions, and capabilities.

Echolab's high-performance 1-M/E Overture1 and 2-M/E Overture2 production switchers, available in standard definition (SD) and multidefinition (MD) models, combine internal conversion and synchronization with powerful key layering and special effects to provide simple control over complex production tasks and, in turn, streamline creation of a sophisticated on-air look. The new Overture series training DVD offers users a chassis and panel overview, details about the systems' configuration and basic

operation, and direction in using the transition, layering, and keying features that enable easy application of stunning effects.

"We designed the Overture series to offer robust functionality within a highly intuitive package and interface, and this new training DVD gives new users helpful instruction in adapting this powerful switcher to meet their specific needs and goals," says Echolab president Nigel Spratling. "Features such as the new Stinger transition and SuperSource cross-point keys allow operators to implement simpler workflows while creating more sophisticated visual productions. Our training DVD serves a valuable jumping-off point for Overture users eager to take their productions to a new level."

## RTS Launches Tribus DAI Card



RTS is launching the Tribus digital audio interface card at Booth C3439. The new Tribus digital interface card transmits digital audio and data using multiple ADAM frames, allowing users quick connection of multiple remote intercom systems.

The RTS Tribus surpasses the Dual Bus Expansion card with superior channel capability and redefined system architecture, thus improving the robustness of the Tribus-based ADAM system. One card connects up to three ADAM frames, allowing synchronous communication over multiple ADAM frames using a Mesh network structure. Multiple Tribus cards can be used in an ADAM frame to take complete advantage of the redundancy feature offered for mission-critical communication environments. The Tribus

### RTS's Tribus digital audio interface card

supports all standard, hot-swappable, and configurable features within the ADAM intercom family and works in both AIO-8 and AIO-16 frame environments with simple software settings via RTS AZ-Edit intercom software. Each card communicates with a backcard in the frame, providing three full-duplex links to transmit digital audio as well as control data over a fiber network.

The Tribus card is fully backward compatible with all existing AES, AIO, and RVON cards in an ADAM intercom system.

The System Framework has been redefined for the Tribus, allowing the system to reconfigure itself in the advent of a frame failure.

## Fleetwood Expands Reply Product Line

Fleetwood Group, Inc. (Booth N5140) is adding another entry level group response system to its Reply product family.

Reply Mini+ Model WRS7000 is a miniaturized version of the popular Reply Plus keypad that is used in interactive meetings, special events, and other feedback activities that the audio-visual industry classifies as "audience response," "group response" or "interactive voting."

"We were asked by meeting services com-

panies to upgrade our entry level Reply Mini keypad with more buttons and more features without increasing the product's size or adding complexity to its operation. The new product had to remain easy to transport and simple for novices to use," says Heather Waller, Fleetwood's Reply System sales manager. "This new system is called Reply Mini Plus. It positions favorably against credit card style keypads because it is small, fast, and constructed with the same care as other

Fleetwood built products. True to our industry reputation, we didn't skimp on materials or manufacturing quality. Mini Plus is an entry level keypad in name only."

Interactive voting systems often consist of a PC running polling software, a base station to collect responses from keypads, and a display device to show questions, response graphs, and other information to the



Fleetwood's Reply Mini+ WRS7000 keypad

audience. Together the compact WRS7000 wireless audience response keypads and a WRS97X-series base station create a portable two-way system that includes these features: Slim case with soft touch elastomeric keyboard and LED indicators; smaller than a credit card and weighs less than an ounce—fits easily in the palm and may be comfortably worn with an optional lanyard; two-way spread spectrum radio employing an advanced communications protocol; frequency hopping delivers high immunity to interference plus signal security to allow the system to operate in the presence of other wireless devices.

## Going Widescreen? You've got choices!



### 3-Chip DLP® Imaging Technology

The new EIKI EIP-WX5000 delivers 5,000 ANSI Lumens of High Definition imaging (1280 x 800) at an 1800:1 contrast ratio.

Both models feature vertical & horizontal lens shift and a mechanical shutter, plus a full slate of easily-changed optional lenses.

### 3-Chip LCD Imaging Technology

The new EIKI LC-W5 delivers 6,000 ANSI Lumens of High Definition imaging (1366 x 800) at a 2000:1 contrast ratio.



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## Encore Creative Adds Five FogScreen One Screens

Encore Creative's inventory now contains five interlinkable FogScreen (Booth N7725) One (one meter) projection screens, making them the largest provider of FogScreen projection screens in the U.S. The leaders in delivering intricately designed visuals for high-end events—personalized for any size and scope—are now employing their creative abilities with the FogScreen projection screen to transform events into memorable, one-of-a-kind experiences.

Encore Creative and FogScreen, Inc. are partnering to bring magical set designs and cutting-edge interactive technology to a wide range of high-end events, including corporate meetings, trade shows and personal events of any flavor. The creative and dedicated staff has perfected the art of seamlessly integrating the screen of dry fog into the overall theme of the events themselves. Because Encore Creative implements the high-tech, high-touch screen into the very fabric of the events, it allows them to mesmerize clients in a never-before-seen way.

"Carrying the largest inventory of FogScreen projection screens in the US is a crucial step into what we see as a huge growth opportunity into the special events market," says Jeff Lowy, president of Encore Creative. "Our team is dedicated to providing memorable experiences for clients that are always on the lookout for something technologically hip and edgy. Having the FogScreen projection screens in our inventory gives us the ability to reach new creative heights for all our personalized events."

"FogScreen, Inc. is proud to have Encore Creative as the largest provider of screens for a U.S. market primed to be entertained in exciting and memorable ways," says Jorden Woods, president of U.S. Operations at FogScreen, Inc.

## Memphis Church Gets the Spirit with AKG Mics

When faced with the daunting task of projecting one preacher, six musicians and 87 choral singers to a congregation of over 1,500 parishioners in Memphis, TN, Sound Hill Technologies turned to AKG microphones (Booth C3523).

Sound Hill of Holden, LA, is the design and integration firm that was charged with creating an immense new sound system for Memphis-based Lake Grove Missionary Baptist Church. They selected a range of 30

AKG wired mics and wireless systems for their ease-of-use, high quality and reliability. The microphones were brought in to complement the system of JBL speakers and monitors, Crown amplifiers and Soundcraft mixing consoles, also selected for installation in the church.

One of the top priorities in upgrading the church's AV system was ensuring that each member of the congregation would hear the same, clean tone and high level of speech clar-

ity. It was also important to install equipment that could be run by a volunteer staff, rather than relying on experienced professionals. The AKG microphones were selected for their high quality performance and ease-of-use.

The new audio system had to reach across a room measuring 130 feet across, 115 feet deep and nearly 50 feet from floor to ceiling. To accomplish this, the system design needed to maintain a crisp, clear sound at a high decibel level from input to output.

The installation utilized 30 AKG microphones, including eight AKG D5 vocal mics, and seven AKG CK80 capsules. Additionally, Sound Hill used four AKG GN 155 SET goose-neck modules, three AKG GN 50 ESP lectern mics, three WMS 40 Pro wireless handheld vocal microphones, two AKG C680BL cardioid boundary mics, one WMS Pro presenter lapel mic, one WMS 40 Pro Sports headset and DrumSet II/tour sound package.

## newsfrom

### CSI

**Communications Specialties, Inc. (CSI, Booth N5447)** is appointing SF Marketing, Inc. as the exclusive distributor within Canada for its entire product line. The new partnership is effective immediately. Founded in 1978, SF Marketing Inc. is a distributor of professional audio and lighting equipment, and is dedicated to providing products, service and support to professional sound, lighting and consumer electronics retailers. With a well-established and highly trained sales team and offices in Montréal, Toronto, Halifax, Calgary and Vancouver, the company will be able to provide local support to CSI customers across the entire country.



# RemoteMix 4

Introducing A Field Mixer That Gets An A+ In Communications!

Combining a four-channel field mixer with a four-channel headphone amplifier, a phone-line hybrid, a universal PBX handset interface, a wireless phone interface and Bluetooth® Wireless Technology, the RemoteMix 4 is ready to work just about anywhere you are.

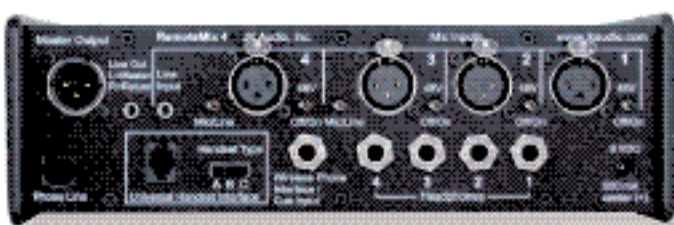
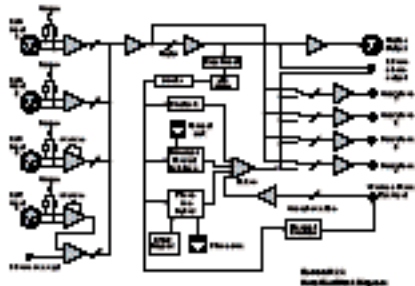
More than a field mixer, this is a communications interface. Route your mics through RemoteMix 4 and out to the PA or tape while also providing feeds to any or all of the four telecom interfaces.

Monitor intercom or talkback cues from anywhere. The RemoteMix 4 provides full duplex audio through Bluetooth enabled cell phones and portables.

Plus... IT SOUNDS GREAT! A soft limiter prevents overdriving the phone line interfaces, while the mixer XLR output is pre-limiter (full range), meaning you have a feed for every need. Bass boost adds a bit of low end before sending the signal down the phone line to provide that "how'd you get it to sound THAT good over POTS lines" nudge. There are convenient 3.5 mm send and receive jacks for recording the show or mixing in your MP3 player.

The RemoteMix 4 can be powered by batteries or the included AC adapter, so you'll never lose a connection - even during a loss in power!

We think we've done our homework with RemoteMix 4. And it's ready for you to put to the test.



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## Dynacord Spotlights New Variline Full Range Cabinet

The new Dynacord (Booth C3429) Variline range delivers state of the art acoustic performance and multi-functional hardware accessories for permanent install and mobile applications. The VL 62 full range cabinet (150W RMS and 122dB max SPL) features a neodymium 6.5-inch woofer and a one-inch compression driver mounted to a CAD-optimized 90x40 rotateable horn for high SPL applications where minimal footprint is a maximum concern.

VL 62's unique 16 Ohm operation



Dynacord's VL 62 full range cabinet

allows up to eight cabinets to be connected in parallel to any Dynacord amplifier, allowing large-distributed systems for high-end retail and entertainment environments to be realized efficiently. Coupled with Dynacord Power-H remote control DSP amplifiers, FIR

presets optimize performance, resulting in linear-phase and equal magnitude response over the operating bandwidth of 90Hz-20kHz.

## Barco Shows a Potent Product Trifecta

At Booth C2830, Barco is unveiling a new seamless switcher, a cost effective video processor solution for widescreen Encore destinations and a new Graphical User Interface for the Encore Presentation System.

The DCS-200 is a seamless switcher that expands the capabilities of Barco's DCS-100 by adding an independent preview output. Designed for small and mid-size venues, the DCS-200 provides true seamless transitions between all nine multi-format inputs. The preview output can run at the same resolution as the main output, or at a different resolution. Customers can route various sources to the output, such as preview, program, key or the internal still store.

VPx is a cost effective Video Processor (VP) solution for widescreen Encore destinations. In a blended widescreen in which two or more VPs are used, VPx replaces the

second (and higher) VPs without compromising image quality. VPx operates just like a standard VP, providing the same layering capabilities, effects and output connectivity. The VPx can also be used as a multiple preview display processor.

Also new is Overture, a new Graphical User Interface (GUI) for the Encore Presentation System. Overture enables customers to control Encore and ScreenPRO-II processors through a small server called the Overture Control Unit (OCU), plus a PC or laptop. Overture's advantages include offline system setup and show planning, creating pre-defined sequences or "presets" offline, and the ability to use third-party controllers such as Crestron and AMX. Overture is perfectly suited for applications where pre-programmed loops would be ideal.

## PreSonus Ships FireStudio Tube System

PreSonus Audio Electronics (Booth C4760) is shipping the FireStudio Tube 16x10 firewire recording system.

The FireStudio Tube is a complete 24-bit/96k, professional, firewire recording system loaded with the perfect combination of inputs and outputs for bands, producers, musicians, and engineers to produce commercial quality recordings. The front panel of the FireStudio Tube is loaded with two "SuperChannels" featuring Class A vacuum



PreSonus's FireStudio Tube 16x10 firewire recording system

tube microphone and instrument preamplifiers along with full-featured analog limiters.

In addition to the two SuperChannels on the front of the FireStudio Tube, the back panel provides eight Class A XMAX micro-

phone preamplifiers and six balanced TRS line inputs giving you a total of sixteen analog inputs. The FireStudio Tube also includes eight balanced TRS outputs, headphone output, and MIDI I/O for MIDI instruments, keyboards and controllers. This combination of microphone, instrument and line inputs is perfect for a band to simultaneously record drums, bass, guitar, vocals and keyboards without any additional preamplifiers.

## Tannoy Shows New Definition Install Line

This year's Infocomm Show sees the launch of a new lineup of loudspeakers from Tannoy (Booth C3857) designed to satisfy a range of installation applications encompassing media rooms, home theatre, board rooms through to high end marine interiors.



Tannoy's iw63 Definition Install in-wall loud-speaker

The full line of the new Definition Install range includes in-cabinet/behind-screen models as well as high performance, fully enclosed in-wall speakers. All offer exceptionally high sensitivity (as high as 98dB 1 Watt @ 1 meter). Two substantial subwoofers complete the line up.

Behind Screen models: There are three Behind Screen models that each utilize a single Dual Concentric driver. Tannoy's acclaimed point source technology is ideal for this type of application with its high power handling and even dispersion characteristics. Catering for a variety of system demands and room proportions, the Behind Screen models are available with 165mm, 200mm or 300mm (six-inch, eight-inch or 12-inch) driver sizes.

In-wall models: The iw63 DC features Tannoy's proprietary 165mm (6.50-inch) Dual Concentric driver coupled with two 165mm (6.50-inch) high output woofers. Capable of tremendous output, providing effortless, powerful sound, the iw63 DC is designed to be used in any L, C, R or surround application, and will blend discreetly and seamlessly for an invisible home theatre environment.

The Tannoy Definition iw60 EFX is a truly multipurpose solution for every conceivable high end surround application. Conveniently configurable between two modes of operation—"Cinema Mode," where the two optimally aligned 100mm (four-inch) Dual Concentric drivers create a wide and even flow of acoustic energy over a large area, creating a diffuse room filling ambience; and "Music Mode" where the 165mm (6.50-inch) constant directivity Dual Concentric driver produces a more localized and focused sound, highlighting the distinct separation afforded by modern program material.

The two DS subwoofers are massively constructed around either a 300mm or 380mm (12-inch or 15-inch) professional drive unit and yet they are compact enough to integrate into modestly sized room.

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# ClearOne

## Shure Urges FCC to Reject 'White Spaces' Plans

Shure Incorporated (Booth C3449) is asserting that recent "white spaces" plans offered by major technology companies will create overwhelming havoc for users and audiences of wireless microphones, and the company urged the Federal Communications Commission not to be "distracted" by efforts by Microsoft, Google, Motorola, and others to downplay the role of continued FCC technical testing as an important input to the Commission's policy decisions. If reliable interference protection cannot be demonstrated in the FCC spectrum sensing tests, the Commission should once and for all state that it will not approve new portable devices in the television band, Shure's filing states.

"Neither the beacon plan proposed by Google, nor the one submitted by Motorola will provide solid protection for wireless microphone users," says Mark Brunner, Shure's senior director, Global Public Relations. "These unacceptable pro-

posals would pull the plug on wireless microphone users everywhere."

In its filing, Shure asserts that Motorola would have the FCC believe that its combined geo-location, disabling beacon, and spectrum sensing plan "is a comprehensive approach" that would protect white space incumbents like wireless microphone users. "But that couldn't be further from the truth," says Brunner. "None of these approaches is a practical or currently technically feasible solution to reliably protect wireless microphone users from damaging interference.

"Wireless microphones are vital to broadcast, news, sports, music, theater, and many religious services," he adds. "If the FCC fails to protect wireless microphones, news broadcasting will be hampered, modern sports coverage will suffer and live music and theater will take a giant step backwards.

"The plan is completely impractical—it requires wireless microphone users to purchase and deploy disabling beacons, then access a database and enter in a litany of information in order to be 'legitimate' in a given geographic location," Brunner explains. "This would be the kiss of death for news teams covering breaking stories who have only minutes to deploy their cameras and microphones."

## Electrosonic Spotlights ES2000

Electrosonic's (Booth C924) new ES2000 transmits high-resolution graphics and HD video signals, plus full-duplex serial communications over CAT5 and CAT6 UTP cable to distances up to 1500 feet.

The ES2000 allows you to exceed the cable range of HD video and RGB signals while preserving the image quality. In addition, CAT5 cable is significantly cheaper than coax cable and is easier to terminate and install.

The ES2000 is designed to function correctly "right out of the box," however, extensive controls are provided to optimize the video output quality. These include variable adjustments for signal gain and long distance cable compensation. In addition, color timing for Red, Green and Blue can be finely



Electrosonic's ES2000TX

adjusted. The ES2000 features a digital transmission stage for increased reliability and consistency.

The ES2000 includes a transmitter, receiver and power supply. The ES2000TX transmitter utilizes a single VGA style source input and provides a single VGA loop output for local video monitoring, while the ES2000RX receiver provides dual buffered video outputs to simultaneously support two displays.



**BRÄHLER ICS, CSI RENEW DISTRIBUTION PACK**—Brähler ICS (Booth C3802) has renewed Conference Systems, Inc. as its exclusive distributor of Brähler products in the United States. CSI, of Germantown, MD, and Brähler ICS, of Königswinter, Germany, originally joined forces in 1990 and have proven over the years to be a successful partnership. Michael Brähler (left) and Dr. Jack Cassell, president/CEO/owner of Conference Systems, shake on the renewal of the distribution agreement.

DA-LITE

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## HPNA Taps Hart for Sales Director's Post

Harman Pro North America (Booth C3523), the North American Distributor for Studer and Soundcraft, is appointing industry veteran and proven sales leader John Hart as director of sales, Digital Console Group. In his new position, Hart will report directly to Nick Owen, vice president of sales, Harman Pro North America (HPNA).

With over two decades of sales experience in the audio industry, Hart joins HPNA

from Audio Agent where he served as a vice president of direct sales and was responsible for expanding the company's worldwide reach as well as expanding direct sales in North America. Hart also spent five years at AMS Neve Inc., where after one year as vice president of West Coast Sales, he was promoted to president, a post he held for more than four years.

"We are very pleased to find someone

with remarkable credentials to serve as our director of sales," says Owen. "With his experience in the sale of high-end consoles as well as a systems specialist, John was exactly the candidate we were hoping to find and we are excited to have him onboard."

Operating out of the company's Northridge, California office, Hart oversees U.S. sales of Studer and Soundcraft digital consoles including Soundcraft's Vi4 and Vi6



**John Hart**

professional mixing consoles as well as Studer's Vista line of products which uses the company's patented Vistonics' screen layout for more comfortable working environment.

# StudioLive

The new way



Introducing StudioLive™ digital performance and recording mixer, a fully-loaded professional digital mixer combined with a complete 18x22 FireWire recording system. Intuitive, flexible and powerful, StudioLive revolutionizes music production opening endless creative possibilities.

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- 30 class A XMAX microphone preamplifiers
- Hi-Definition analog to digital converters (130dB dynamic range)
- 32-bit floating point digital audio processing
- 22x22 FireWire digital recording interface
- Load/Save "scenes" of all settings
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- 2 Master DSP Effects (reverbs, delays)
- 100mm long throw faders
- Talkback communications system
- Compact rack-mountable rugged steel chassis
- StudioLive HDR multi-track recording software

**PreSonus**

## Peerless Shows Precision Gear Projector Mount

Peerless (booth N5115) delivers the first and only tool-less image alignment system with the PRG Precision Gear Projector Mount. This groundbreaking product produces perfect image alignment quickly and simply by turning two adjustment knobs, eliminating time-consuming secondary micro-adjustments.

The PRG Precision Gear Projector Mount eliminates laborious image alignment thanks to its patent-pending precision gearing technology, delivering dead-on image alignment with a simple turn of two adjustment knobs. The PRG is the only projector mount available that allows adjustment by hand, completely removing the use of tools. The unique gearing mechanism makes it easy to adjust by hand, but the mount also comes equipped with a Phillips drive so that a Phillips screwdriver can be used to make adjustments. With Peerless' PRG Precision Gear Projector Mount simply set it and forget it. No more adjustment screws. No more micro adjustments. No more hassles.

Performing maintenance on the projector is easy with the PRG's innovative aluminum track design. This is Peerless' only solution that quickly and easily allows the projector to slide on and off the mount without the use of any tools. Simply turn the thumbscrew to release or engage the projector and perform any necessary maintenance such as changing a light bulb, lens or filter. Once the projector is reattached, it stays its original position and will not require any additional adjustments.

## Inter-M Revs Up the Power



Inter-M's PAC-5000 mixer/amplifier

Inter-M (Booth C4157) is covering the whole course with the most powerful mixer/amplifier the company has ever offered. With five microphone, two auxiliary and four remote Mic inputs the PAC-5000 has the ability to utilize two sources, including built in media (CD Player/Tuner/User Accessible USB), at a time, over 12 zones each for a total of 24 Zones.

Chip in a 120watt x 120watt digital power amplifier, Emergency Fire contact control, recordable emergency message via Internal Flash Card Memory, internal battery charger for emergency operation, RS232 control for AMX/Crestron and the ability to cascade up to four PAC-5000s together.

## Sabine Unveils Phantom Gooseneck Microphones

In a major expansion of its product lines Sabine (Booth C3962) is releasing a new family of microphones with Sabine's innovative signal processing built-in. The new Phantom Gooseneck Microphones are designed to solve a myriad of problems that can occur with almost every podium or gooseneck mic, starting with an integrated infrared sensor that automatically activates the mic based on the presence of a person in front of the microphone.

This new line of SGM microphones comes two versions. The 45-Series includes all the features of Sabine's inline mic processor the Phantom Mic Rider Pro: Automatic Gain Control (AGC), Plosive/Proximity Effect Control, and the Infrared Gate. These combine to make the microphone much easier to use in almost every situation. The AGC evens the level so both the big and small voice pre-

senters will get the proper output level without having to adjust the mic. As a person gets closer to the mic those annoying pops and increased boominess are minimized so the frequency response of the mic is even at a wide range of distances from the mic.

The 40-Series of SGM mics only includes the Infrared Gate. The gate is adjustable—users can program the time to turn off the mic after a person walks away from the mic and how close to the mic a person must get before triggering the mic to turn on. The sensor detects body heat and will not be fooled by stage curtains moving or chairs being placed in front of it. The mic simply can be left on but will only activate when someone walks in front of it.

All SGM mics come in one of three configurations. The first is a gooseneck mic terminated with a standard XLR connector, for use with an existing mic base or shockmount.



Sabine's SGM phantom gooseneck mic

Secondly users can choose the SGM mic with an integrated base so it is ready to use on any surface. Finally there is a version with the base that includes a button on top that can be programmed to be either on/off, push to mute, or push to talk.

## A Curtain Call for Immersive Audio Experience

**The Immersive Audio Experience**, a favorite among last year's attendees, continues to wow this year's crowd. See real-world, multi-channel audio and video environments in two fully integrated exhibits on the InfoComm 08 Show floor. One features a "themed environment" application and the

other focuses on retail environments.

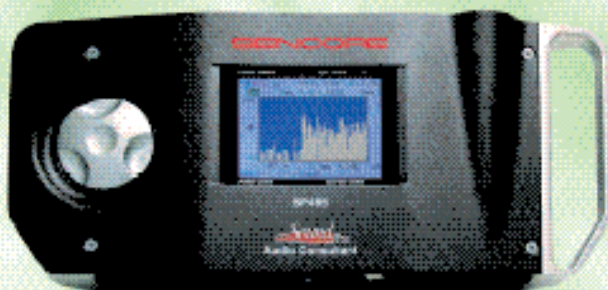
Managed by Frederick J. Ampel, principal of Technology Visions S.A., with design consulting by Thorburn Associates and audio production by Quantum Theory and Infinite Studios, this exciting event dazzles you with high-definition AV applications. Located in

Central Hall 5, Booth C5656, the Immersive Audio Experience is supported by gold sponsors Crestron, Stealth Acoustics and Tannoy; programming by Rocking M Coding & Design Co.; installation by XYZ Audio Visual, Inc.; and rack sponsor Middle Atlantic Products, Inc.

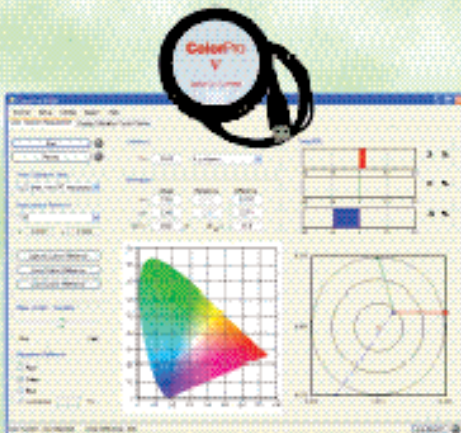


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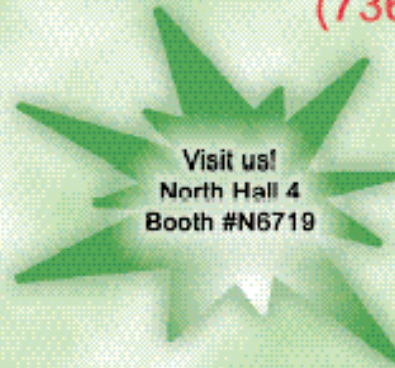
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## INFOCOMM 08 HOT PRODUCTS

## 360 SYSTEMS

**MAXX-2400 Four-Channel Server**

The MAXX-2400 is a two-channel video recorder, four-channel



playout server, graphics store with Inked key-and-fill capability—with 700 hours of storage time. Standard features include composite and SDI video ports, a frame synchronizer for recording wild sources, and a complete set of audio formats, including Embedded, ES/EBU digital and +4 analog.

N6615

trast ratio, a calibrated brightness of 2000 NIT, 14-bit processing, and the identical form factor of all other ILite tiles on the market.

## BELDEN

**FiberExpress Ultra Patch Panel System**

Offering ultra high density combined with multiple user-friendly features, the Belden



FiberExpress Ultra Patch Panel System responds to the growing trend towards increased deployment of optical fiber cabling solutions to support higher transmission speeds in backbone infrastructures and data centers.

C3174

broadcast quality transmission for HD/SD-SDI over one single mode or multimode fiber.



Transmit HD or SD-SDI as per SMPTE 292 and 259, with or without embedded audio and data, as well as DVB-ASI. Signals are equalized and re-clocked prior to fiber optic transmission.

## COMMUNITY

**VLF Loudspeaker Series**

The new VLF Series of Versatile Low Frequency loudspeakers boast a compact, low-profile design that is ideal for theaters, restaurants, houses of worship and other applications, fitting into areas where larger subwoofers are impractical.

C3963

education classroom applications, meeting all the different presentation needs of instructors, support staff and AVIT management.

## CROWN

**XLS Series Amplifiers**

The XLS Series, Crown's workhorse amplifier line, has now been extended with the addition of the new XLS 5000. Delivering 1,800 watts per channel in 4-ohm stereo mode, and a staggering 5,000 watts in 4-ohm bridge-mono mode, the XLS 5000 packs more than twice the punch of the next highest-powered model in the range, the XLS 802.



C5197

## ATLAS SOUND

**VARIZONE VAB**

VARIZONE VAB technology combines the proven efficiency and convenience of decentralized amplification with a newly-designed, centralized frame/controller. As the acronym VAB in its name implies, the technology offers real solutions for applications requiring Voice evacuation, Announcement and Background music.

C4049

## CHRISTIE

**M Series Projectors**

The Christie M Series is a flexible and efficient line of 3-Chip DLP projectors built on a dual-lamp, mercury platform with extremely feature-rich functionality. Providing a total of six new powerful models, the projectors range from 5,000 ANSI lumens (dual lamp, 200W) to 9,500 ANSI lumens (dual lamp, 350W) and include two resolutions—SX+ (1400 x 1050) and HD (1920 x 1080).

N5427

## BARCO

**ILite 6 BK LED**

Barco is boosting the contrast of ILite 6 with the introduction of ILite 6 BK—a brand new six millimeter LED in the I6 family with an optimized black LED. ILite 6 BK sports a 3000:1 con-

C2830



## COMMUNICATIONS SPECIALTIES

**Pure Digital Fiberlink 3150 Series**

The Pure Digital Fiberlink 3150 Series provides

N5447

## dbx

**SC 64, SC 32 Digital Matrix Processors**

These flagship processors feature intuitive Wizard-driven system configuration using Harman's proprietary HiQnet System Architect, for unprecedented DSP power and routing flexibility, making HiQnet the ideal foundation for even the most demanding systems.

C3523

## CRESTRON

**Media Presentation Controller (MPC)**

MPC is a family of easy-to-install and easy-to-use systems that connect, control and route AV presentation equipment in small, one-projector applications. Simple, secure and scalable, MPCs are wall or lectern mount 2-Series control systems that fit in a standard 3-gang box. The MPC line is perfect for K-12 and higher

N5600

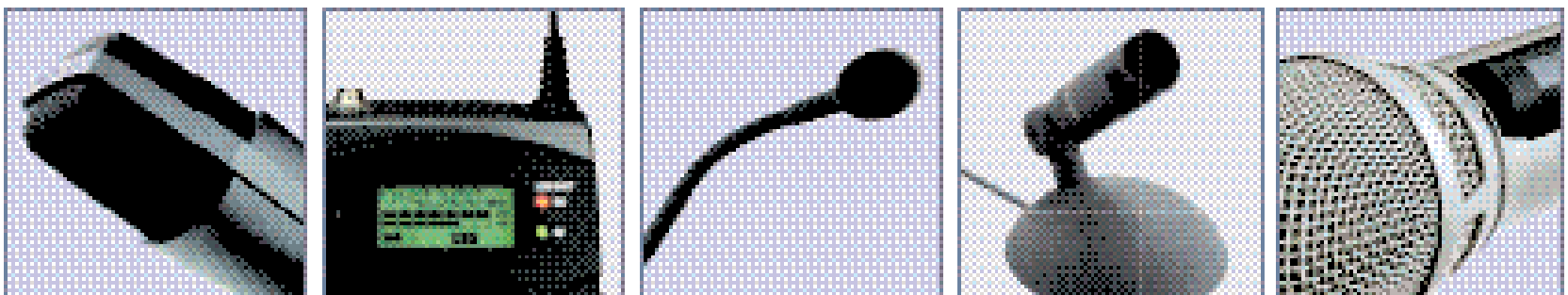


## DIGITAL PROJECTION

**iVision 30-WUXGA**

The new iVision 30-WUXGA features the latest DarkChip DMD technology from Texas

N6340



world's finest  
input

You know Sennheiser as the world's premiere maker of wired and wireless microphones for the entire audio industry. Preferred where performance and quality are the critical factors, Sennheiser has application-specific solutions that will enhance all your installations.

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Visit us at booth C3475 & Demo Room N101

INFOCOMM 08 HOT PRODUCTS



Instruments, and supports a native resolution of 1920 x 1200. Weighing only 6.5 pounds and incorporating broadly capable electronics, the iVision 30 WUXGA is engineered for simple integration and serves as a powerful but affordable solution for a variety of commercial applications.

dnp denmark

N5333

Supernova Flex Screen

A retractable, motorized screen that blends seamlessly into any environment and disappears into a stylish wall mounted enclosure when not in use, the Supernova Flex rolls up at the touch of a button into its elegant housing, out of the way but readily available for its next use.



DRAPER

C3136

Adjustable Skirt Bar



Draper's new Adjustable Skirt Bar allows you to quickly and easily change the aspect ratio of a Draper Ultimate Folding

Screen by masking the bottom of the viewing surface. The skirt bar is infinitely adjustable and can be ordered with an optional 46-inch velour skirt.

ELECTRO-VOICE

C3439

ZxA5 Powered Loudspeaker



The ZxA5 features an integrated high output, lightweight digital amplifier that produces 1000W LF and 250W HF. The very low noise design includes a 24dB/octave 100Hz high pass filter for use with a sub, the perfect match being the EV Plasma P2 18-inch powered subwoofer.

EXTRON

C1508

MTP 1500RL Series Extended Distance Twisted Pair Receivers

Available in four models, the new extended distance receivers work with MTP Series transmitters to send high resolution video along with RS-232 or audio signals 1,500 feet or more over a single CAT 5-type cable. The extended distance receivers are compatible with resolutions up to 1600x1200 UXGA.



GEFEN

C1740

GefenTV Scaler Pro



Truly a high-end scaler, this model boasts a Silicon Optix HQV (Hollywood Quality Video) Realta engine chipset to achieve the most vivid imagery possible on any entertainment sys-

tem using HDMI v1.3 such as gaming and satellite TV systems. In addition to HDMI 1.3 10-bit deep color support for next generation entertainment systems, this scaler delivers deinterlacing, eWARP2 geometry processing for projectors and the entire scope of HQV features for the most professional, highly refined imagery possible.

INTELIX

N6732

Audisey Athena Matrix Mixer Amplifier

The Audisey Athena combines the performance of a true matrix mixer with the flexibility and digital signal processing of a digital amplifier—all in a single, intuitive package. Available in eight inputs by eight outputs or 16 inputs by 16 outputs, the Athena features built-in audio preamplification, input signal processing, true matrix mixing, output signal processing, and either eight or sixteen channels of independent power amplification.



JBL

C3523

Control 2P Monitor



The Control 2P is a five-inch two-way powered stereo system with accuracy and features required for professional broadcast and desktop production applications. Mounting capability and compact format make the Control 2P ideal for small

fixed install applications and portable presentation systems.

KRAMER

N5141

Cobra Ultra Long Distance Twisted Pair Products

The Cobra line of ultra long distance twisted pair products are designed for professional audio/video systems integration and public display/signage markets. The Cobra family of products offers one of the industry's highest video resolution and distance capabilities to date: 1920 x 1200 up to 1300 feet.



LG ELECTRONICS

N5941

'Stretch Screens'



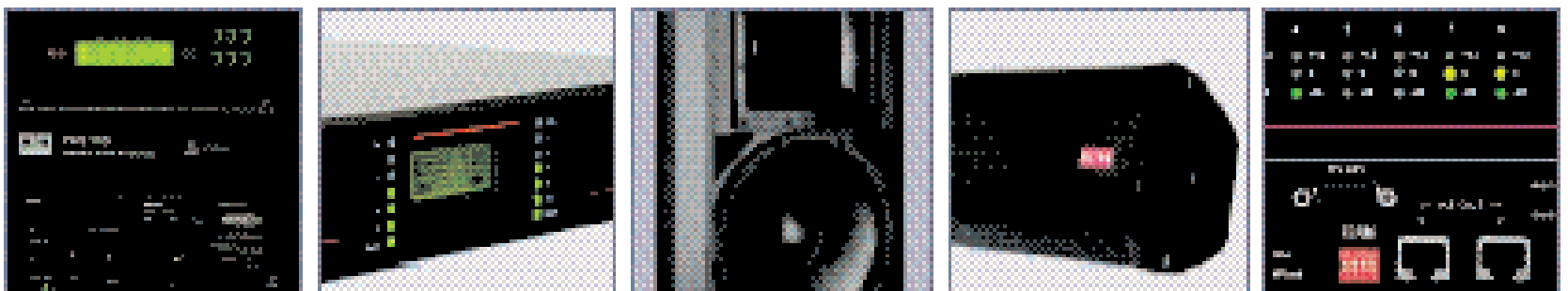
LG's 29-inch and 38-inch class "stretch screens" models offer the latest in slim display technology. Built for space-conscious retailers, the M3800S and M2900S are roughly half the height of a traditional HD display. These monitors allow for a variety of installation options and are ideally suited for end cap placement and narrow or hard-to-fit installations, including retail or grocery market environments.

MACKIE

C4549

PPM Powered Mixers

This new line of ultra-light professional pow-



world's finest  
output

Klein + Hummel, known the world over for the finest, most accurate studio monitors, bring their superior technology to the installed sound world. With performance loudspeaker systems, surface/ceiling speakers, amplification, digital routing, and portable sound, Klein + Hummel has a solution for all your installations.

www.sennheiserusa.com/installed sound

Visit us at booth C3475 & Demo Room N101

**INFOCOMM 08 HOT PRODUCTS**



ered mixers—the PPM608, the PPM1008 and the PPM1012-delivers more sound per pound than any other mixer in its class. The PPM series brings maximum volume—with no distortion—in a lightweight, built-like-a-tank box.

**MEYER SOUND C3649**  
**UPQ-1P Wide-Coverage Loudspeaker**



The UPQ-1P houses 1,275 watts of total amplifier power, carries a peak power output of 136 dB SPL with low distortion while offering flexible rigging options. In a patented trapezoidal enclosure, UPQ-1P weighs in at 105 pounds and measures 19 inches x 28 inches x 18 inches. The high-performance loudspeaker is distinguished by its 80-degree by 50-degree constant-Q horn, which provides exceptionally uniform response throughout the wide coverage area and gentle high-frequency rolloff.

**MIDDLE ATLANTIC C3403**  
**Duct Cool Series Ventilation System**

Duct Cool efficiently removes heat from the equipment without adding noise at the equipment location. So, in situations where the equipment is close to or in the same

room as the meeting, presenter or audience, it can be cooled quietly and effectively. The Duct Cool vent system fan can be mounted remotely—12 to 25 feet away is the recommended distance—without significant loss of performance.



**PEAVEY C3727**  
**V1.4.2 NWare Software**



NION NWare version 1.4.2 is fully compatible with the Windows Vista operating system and adds support for network time protocols that allow NION to sync with network time-servers or an Internet-based atomic clock. In addition, NION nX, n6 and n3 nodes now ship with upgrades in flash memory up to two GB to enable additional storage of audio, project files and background music loops.

**PEERLESS INDUSTRIES N5115**  
**SlimLine Ultra-Thin Universal Mount**

At only 0.4 inches thin, the SlimLine Universal Mounts deliver a virtually no-profile installation that positions flat panel screens a mere 0.4 inches from the wall, barely the thickness of a CD case. The mount's ultra-thin profile



perfectly complements Hitachi's 1.5 inch ultra-thin TVs, but its universal design enables the Slimline mount to accommodate any new ultra-slim TV on the horizon.

**PHILIPS 3D DISPLAYS C1519**  
**42-inch 3DS Media Player**

The 3DS Media Player is an application to play 3D video clips in the 2D-plus-Depth format on a PC. The 3DS Media Player ensures that the monitor switches to 3D mode with the appropriate settings. The 42-3D6W02 WOW is designed for exciting out-of-screen 3D effects.



**POLYCOM N6019**  
**SoundStructure SR12**

An ideal solution for sound reinforcement environments (e.g. stadiums, nightclubs, ballrooms, houses of worship), the SR12 offers unrivaled audio processing in a package that is designed specifically for non-conferencing environments.



**PREMIER MOUNTS C2411**  
**Suspension Mount**

Premier Mounts has designed and installed the industry's first suspension mount for



Panasonic's 103-inch flat-panel display. A less intrusive digital signage placement option, the custom mounting solution securely suspends the 485-pound flatpanel display from the ceiling.

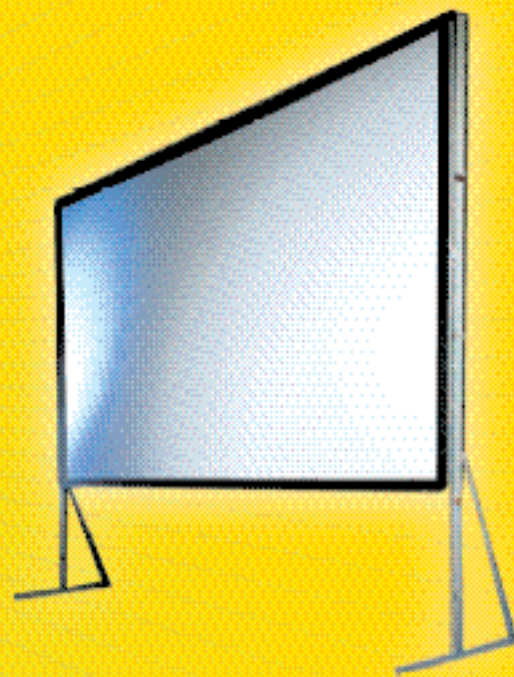
**projectiondesign N5541**  
**WUXGA Projectors**

Making their U.S. debut are the 1920x1200 WUXGA high resolution DLP technology projectors. WUXGA resolution is being packaged in the F10 and F30 series projectors and is set to be the highest resolution display available in the market at this level. As a resolution much sought after and requested by end users, custom installers and systems integrators, it is an ideal fit for computer centric applications rather than the more common 1080p.



**QSC C3459**  
**GX Series Amplifiers**

The new versatile GX Series amplifiers are taking aim at the needs of musicians, DJs and performers of all description. Consisting



**the original innovation.**

**SYSTEMS 32 & 64 MONOBLOX®**

See the longest-lasting portable projection screen with the highest tolerance.

**InfoComm 2008—Booth #N6368**

For more information: 800.553.0961 or [www.avstumpflusa.com](http://www.avstumpflusa.com)



**INFOCOMM 08 HOT PRODUCTS**

of two professional models outfitted with feature sets and power ratings designed to meet the requirements of popular passive loudspeakers, the GX Series is as reliable as the day is long.

45) RAD ports. The second group of 16 input channels comes from two eight-channel CobraNet receive Bundles via CobraNet Primary and Secondary/backup ports.

**RANE**

**Mongoose, Rad Remotes**

The Mongoose and Rad Remotes convert audio to or from digital at the wall plate and transport it over CAT 5 cables. Mongoose's 32-by-32 matrix router receives 16 audio channels from eight RADs via eight 8P8C (RJ-

**C3932**



**RENKUS-HEINZ**

**IC Live Module, Subwoofer**

The new IC Live product line opens Renkus-Heinz's acclaimed Digitally Steerable Array technology to live event production for the first time. IC Live delivers multiple benefits for live sound applications requiring precisely focusable sound coverage, ultra slim profile loudspeaker cabinets, fast and simple setup,

**C4257**



and fully integrated digital loudspeaker processing, amplification and hardware monitoring—in short, a package that's totally optimized for portable applications.

**ROLAND SYSTEMS GROUP C2870**

**V1.5 V-Mixer Software**

In direct response to feedback from a rapidly growing customer base, the Version 1.5 software update for

Roland's popular RSS M-400 V-Mixer Digital Console is packed with a number of significant features including: Increased flexibility in Compressor and Gate assignment; addition of eight Matrices; Direct Channel Output Assignment for increased flexibility when using personal mixing systems and recording splits; Tap Tempo for delay settings.

**SENNHEISER**

**MKH 8000 Series Microphones**

The MKH 8000 Series is now perfect for installed application, thanks to Sennheiser's new ground solutions. With a range of mounting options, including suspended shock mounts to single and stereo integrated stands, the MKH 8000 Series is perfect for broadcast or choir applications where stage and platform configurations constantly change and a hanging solution is not appropriate.



**C3475**

**SHARP**

**XG-P560W 3-chip DLP Projector**



Designed for integrated systems including conference rooms, boardrooms, lecture halls, houses of worship, control rooms, rental/staging and other large venue installations, the XG-P560W 3-chip DLP Projector features 5000 ANSI lumens, WXGA resolution, and 1800:1 contrast ratio for a bright picture in almost any lighting setting.

**N5803**

**SHURE**

**IRIM Micro-Bodypack**

Operating with the premium Shure UHF-R wireless microphone system using the latest version of the Shure Wireless Workbench software, the sub-miniature device uses the patented Shure Audio Reference Companding technology to deliver crystal-clear audio and a 60-75 MHz tuning range (region dependent).



**C3449**

**SONY**

**PCS-XG801080i HD Videoconferencing System**



The PCS-XG80 1080i HD videoconferencing system combines up to 1080i resolution and a high frame rate of 60 fields per second to deliver superb live video quality and a very natural alternative to face-to-face meetings.

**C1500**

**SOUNDTUBE**

**CMEZ-82s Loudspeaker**

Available in an eight-inch size, the CM82-EZs offers rapid, easy installation with a 3.5-inch depth short can mount, accommodating installations in tight spaces. Mounting material thicknesses ranging from 0.25 inches to 1.75 inches may be accommodated by SoundTube's proprietary fixed-wing constant-tension mounting system.



**N5851**

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**C3325**

**TIDEBREAK**

**ClassSpot Software**

ClassSpot makes it easy for faculty and students to interact collaboratively, share digital content effortlessly, and capture the results of ad hoc discussions for later re-use. ClassSpot links together mobile computing devices—including laptop computers and tablet PCs—with installed systems to create advanced-capability learning spaces.



**C3186**

**TOA**

**A-2000 Series Mixer/Amplifier**

These new models are engineered for high performance and are lightweight, easy to install and ideal for a wide-range of commercial applications. The A-2000 Series offers a wide range of power outputs from three models: A-2060 (60W), A-2120 (120W), and A-2240 (240W). All models in the series offer



**C4031**

wide frequency response, low noise and distortion, and excellent output regulation.

**TRIVENI DIGITAL**

**N5941**

**Ensignia Digital Signage Lobby**

The Ensignia Digital Signage Lobby is a stand-alone, self-contained system for digital signage deployments requiring only one display screen. Integrated with LG Electronics' M4210N flat-panel HDTV LCD display and MediaManager software for control over LAN/WLAN, the new Lobby system provides an economical, space-saving, and easy-to-install solution for high-quality content display in a broad range of applications.



**TV ONE**

**C2430**

**C2-3000 Seamless Switchers**



The new C2-3000 Series offers eight Universal Video inputs on HD15 connectors that can accommodate Composite Video, YC (S-Video), YUV/YpPr Component, RGBHV, RGBS or RGB formats. Two Universal Program outputs provide one Universal Analog via an HD15 that can be set to any analog format and resolution and the second is provided as DVI-D.

**VIZIONWARE**

**N5271**

**1650LD Series Fiber Optic HDMI Interconnects.**

The 1650LD Series provides the ideal solution to the challenge of sending HDMI signals over extremely long distances, allowing installers to transmit 1080p HDMI at lengths of 50 to 100 meters with no data loss.



**VTRON**

**N5749**

**IDB 3670 Interactive Digital Board**

The Interactive Digital Board (Model IDB 3670) is for the educational, broadcasting and conferencing fields. Its super slim design is an asset to all business centers that use rear projection of DLP technologies in daily operations.



**WINSTED**

**C2124**

**Sight-Line Consoles**

The Sight-Line series is designed for command and control applications. The Prestige Sight-Line console features the innovative Versa-Trak monitor array mounting system, which offers the ultimate in adjustability.



**WOLFVISION**

**C2812**

**HD EYE-12 camera**

The EYE-12 features a CCD camera with 1280 x 960 pixels at 30 frames per second. This is native SXGA- resolution with an aspect ratio of 4:3. The camera also outputs native 720p HD (High Definition) with 1280 x 720 pixels and a widescreen aspect ratio of 16:9.



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## Analog Way Spotlights New Broad Scan Converters

Analog Way (Booth C930) is introducing a new range of high resolution to video scan converters for high definition and standard television broadcast, broadcast studios and TV production. The Broad Scan HD (Models BHD930-AG and BHD930-DG) are being showcased at Analog Way's booth.

The Broad Scan range by Analog Way is a broadcast and professional computer to video and high definition TV scan converter family. Fitted with digital DVI and analog



A rear view of Analog Way's Broad Scan HD model BHD930-AG

RGB inputs, Broad Scan HD, Broad Scan DVI

(models BSD830-AG/BSD830-DG) and Broad Scan convert Workstation, PC or Mac graphic images up to 1600x1200@60Hz (1920x1200 RB) into NTSC/PAL video or

HDTV formats.

The Broad Scan range features powerful broadcast Genlocks. Genlocks inputs are fitted with a loop through output allowing chaining devices. The user can adjust phase

and subcarrier delay according to his specific installation requirements. All Genlock timings meet broadcast ITU/SMPTE standards.

## FiberPlex LightViper System is 'Buzz Killer' in Florida

FiberPlex, Inc.'s (Booth C4187) LightViper fiber optic audio transport system was recently installed at the central Florida-based The Villages, a large adult-living planned community. The Villages features nine live performance venues. The largest, Market Square at Lake Sumter Landing, was recently upgraded with a LightViper Model 1832 "plug n' play" fiber optic audio system. Orlando, FL-based Turnkey Media handled the design and installation of the fiber audio upgrade supplied by Sound Productions of Dallas, TX. Turnkey Media is the exclusive provider of audio services to The Villages. A standard LightViper system was customized with special weatherproof enclosures and custom interface panels at both stage and FOH mixing positions to help protect the audio gear in a moisture-laden, demanding environment.

Noting that Central Florida is the lightning capitol of America, thus necessitating the critical need for lightning protection in outdoor facilities, Turnkey Media's director of operations Gerry Tacker, who single-handedly installed the entire fiber upgrade, explained further that several tons of buried iron ore, while an essential part of the building's lightning protection system, also induced a constant "buzz" into the audio lines. That all changed with the LightViper install.

"The comments I get now from my sound crew about the new LightViper system are all positive," says Tacker. "I've heard the words: 'brilliant' and 'full-range' a lot. In addition to this, there's absolutely no latency, a concern I had knowing that the LightViper system converts all our on-stage analog audio into a pure digital signal that travels over the fiber. To my ears, there's considerably more clarity to the sound now. The audio quality is 70 to 80 percent better. But, the high-quality of the audio aside, the phrase we use most around here for the LightViper system is 'The Buzz Killer.' That pretty much says it all."

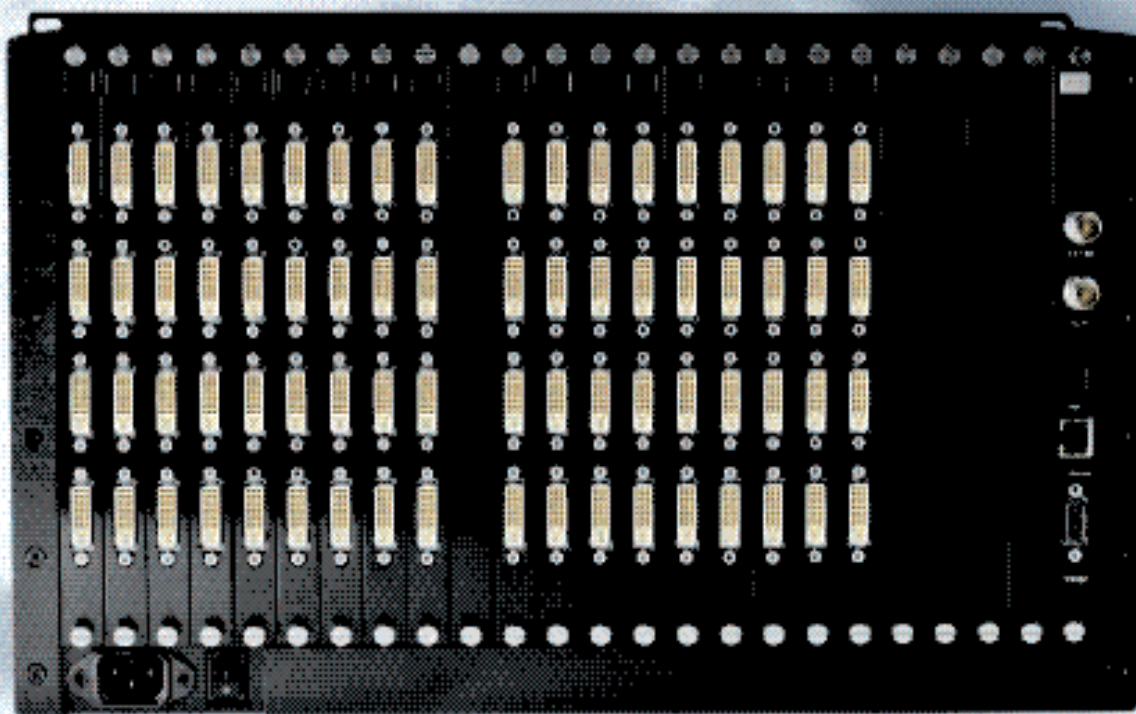


Gerry Tacker, director of operations, is shown connecting an audio input to the LightViper stage box; the unit's optical output is then plugged into a separate, weatherproofed receptacle that routes the audio over 150 feet of fiber cable to the FOH mixing position.

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BOOTH N7251

# Security-Plus Via Hitachi CP-X615 Projector

Hitachi Home Electronics (America), Inc., Business Group (Booth C914) is introducing the CP-X615 LCD projector, which combines large-venue performance, networking capability and Hitachi's proprietary My Image technology.

Featuring Hitachi PJMan software, the CP-X615 can be remotely controlled and maintained through a LAN network connection. The network functionality also makes it easy to control multiple projectors in differ-

ent rooms and to monitor functions such as remaining lamp life. Additionally, the CP-X615 features Hitachi's proprietary My Image technology, which allows AV/IT administrators to transfer still images, such as emergency alerts, from a PC to each projector on the network. When the My Image function is utilized, the images are automatically displayed on all the projectors, including ones that are not in use at the time. This is ideal for applications in which multiple projectors

are networked across a large space, such as a school, campus or large corporate environment.

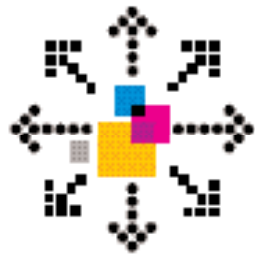
The CP-X615 offers a brightness of 4,000 ANSI lumens and a 1000:1 contrast ratio. Additionally, it displays images via a 1.2x zoom lens and is outfitted with a bayonet lens that can support up to four optional lenses for specific application needs based on the size and environment of a room. The



Hitachi America's CP-X615 LCD projector

CP-X615 also features horizontal and vertical lens shift.

Further lowering the total cost of ownership, the CP-X615 features a lamp door on top of the projector, making lamp replacement easier.



# PixelNet



ANALOG HD INPUT



DVI-I INPUT NODE

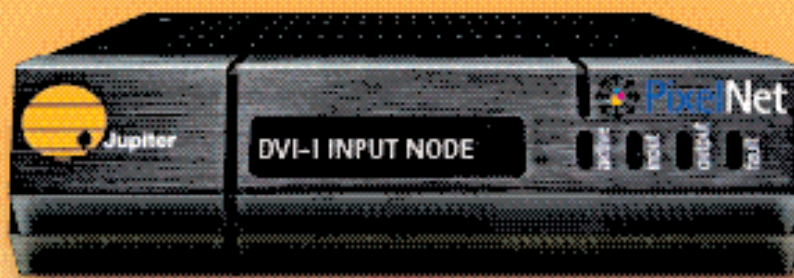


TEAMMATE OUTPUT NODE



HD-SDI INPUT NODE

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## Neutrik Spotlights Enhanced PowerCon Connector

Neutrik is at Booth C3657 showcasing its enhanced 32 Amp PowerCon. The new 32 Amp PowerCon is a high-capacity connector that meets the ever increasing demand for higher power transfer and load in the AV industry.



Neutrik's 32 Amp PowerCon high-capacity connector

Neutrik's enhanced 32 Amp PowerCon is a locking three-conductor AC connector system with contacts for line, neutral and pre-mating ground. Ideal for high-power distribution systems and supplies for professional audio and lighting equipment installations, it replaces appliance couplers wherever a very rugged solution, in combination with a locking device, is required in order to guarantee a safe power connection. It is not only suited for professional audio and lighting devices and installations but also serves industrial applications where a high current at a small form factor is required.

"Our enhanced 32 Amp PowerCon is an extremely robust and reliable connector for the demanding power transfer and load needed for today's high-power distribution AV systems," says Jim Cowan, president of Neutrik USA. "Its fast and easy locking system and excellent cable retention make it the must-use product for both fixed and mobile applications."

It features a current rating of 32 Amp for voltages up to 250V ac. The system consists of two connectors—a chassis receptacle and an in-line cable connector with locking mechanism. PowerCon can be used as a power supply interface for industrial applications and has the advantage of a secure locking system, not available with standard AC power connectors.

## Soundcraft Showcases Worship Market Mix Solutions

Few application markets in the broader professional AV domain place a greater emphasis on intuitive operation and reliable performance than the worship market, where many system operators are volunteer members of the congregation. It's not surprising therefore that Soundcraft (Booth C3523), a pioneer in the field of user interface design, has gained such a strong and devoted following among the contractors and consultants that serve this market and end-users within the worship community.

A notable new addition to Soundcraft's following in the worship community is the 1,100-seat Faith Chapel Foursquare Church of Billings, MT, that added a new Soundcraft Vi6 digital console to mix both front-of-house



**A Soundcraft LX7ii 32-channel mixing console the centerpiece of the AV system at Lake Grove Missionary Church in Memphis, TN**

sound and onstage monitoring. According to chief audio technician Kelly Olp, "It's an unbelievable sounding board and tremendously easy to train volunteers on how to operate it."

Meanwhile, Eastside Foursquare Church in the Seattle suburb of Bothell made a similarly well-advised decision: Blair Schmutz, the church's head sound technician along with Jeff Sanderson of Olympia, Washington-based consulting firm Onpoint Designs elected to purchase a Soundcraft Vi6 digital live sound console to replace a nearly 20-year-old Soundcraft Vienna desk at the nexus of a new PA system for Eastside Foursquare Church's 1,250-seat sanctuary.

Ease of use coupled with sonic performance were also priorities for the engineers and elders at the Lake Grove Missionary Church in Memphis, TN, who commissioned Sound Hill Technologies of Holden, LA, to design an AV system for the congregation's new church in downtown Memphis. Sound Hill made a Soundcraft LX7ii 32-channel mixing console the centerpiece of the system.

Soundcraft also recognizes the needs of training in Houses of Worship for such operators, and are currently Platinum sponsors of the How-To Church Sound Workshops tour. Soundcraft also produces its "Guide To Mixing," both in booklet and DVD form, as an invaluable basic guide to setting up a sound mix. These are readily available for qualifying Houses of Worship, with details from [www.soundcraft.com/palz.asp](http://www.soundcraft.com/palz.asp).

## EZD-Media/ Mirror Ready at EZ Dupe

**EZ Dupe's EZD-Media/ Mirror multi-format duplicator**



EZ Dupe's (Booth C4323) new EZD-Media/Mirror, multi-format duplicator puts a whole new spin on the word "universal." Available as a one, two or three copy DVD and CD system, it also duplicates almost every kind of memory card as well as USB memory sticks. The EZD-Media/Mirror is packed with rich, identifiable features like multi-session technology, which permits several memory cards or USB sticks to be placed onto one CD or DVD. Moreover its disc spanning feature allows larger cards whose contents might exceed that of a single CD or DVD to be placed onto the appropriate number of media pieces. Everything the new EZ Dupe unit copies will be with lightning fast mirror image accuracy.

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## JK Audio Shows New Field Mixer/Headphone Amplifier

At Booth C4365, JK Audio is introducing RemoteMix 4, a four channel field mixer and headphone amplifier. More than just a field mixer, this is a communications interface. RemoteMix 4 features a phone line hybrid and keypad, a PBX handset interface, and a cell phone interface. These parts were designed to work together to save setup time in the field.



**JK Audio's RemoteMix 4 field mixer and headphone amp**

RemoteMix 4 will also route audio through cell phones or notebooks using Bluetooth Wireless Technology. The Bluetooth interface will connect in hands free

mode allowing a two way 3.4 kHz telecom bandwidth connection. The Bluetooth interface can also connect in wireless headphone mode to any product that allows a Bluetooth wireless headphone connection. The wireless headphone mode offers a 20 kHz audio bandwidth, listen-only connection.

## Innovative, Unique Products in Orion Spotlight

Orion, distributed by Salitek (Booth N5260), is introducing a 42-inch Plasma Video Wall. The Infinitely Expandable Multi-PDP solutions has 4-Side Dead Zone Free technology with a nearly invisible seam between the panels (less than three mm) when put together in any desired configuration of M x N. The Orion's unique technology is ideal for a host of applications from Network Operating Centers to Public Display to themed environments. Orion provides a multiple screen control software that allows for RS-232C control and media playback from a standard PC with

Windows operating system.

Orion is demonstrating the new innovative Infinite MIS4220 featuring high resolution and clarity, an anti-glare surface, and a mullion of less than 3mm (about the thickness of a silver dollar). The new Infinite line allows for a limitless video wall configuration and ships with Orion Multi Screen Control Software at no additional cost. Orion also is displaying the new MIS4220R and MIS4230 displays in varied configurations. The MIS4220R adds a reinforced channel to the edge of the MIS4220 and the MIS4230 adds (BIC) burn in compensation technology to the existing features of the MIS4220.

Technology alliance partners RGB Spectrum, AMX, Furman, Crestron and Renewed Vision will be featured working live in Orion's dynamic booths with scheduled demonstrations of the MIS4230.

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TRAINING SESSIONS**

(Note: All manufacturer's training sessions take place in Central Hall 5 in the Training Rooms indicated below. The **session number** of each course is indicated to the left of the course name in blue; the **session room number** follows the course name in gray.)

**FRIDAY, JUNE 20**

**8 a.m.-10 a.m.**

**MT21:** BidMagic AV Professional Proposal Software **MT4**

**MT33:** Asset Management, Meeting and Event Scheduling, and Real-Time Control at your fingertips with Crestron RoomviewSE **MT1**

**MT41:** IP Video Products & Key Venues **MT6**

**MT58:** Designing Outdoor Sound Systems **MT2**

**MT76:** Senteo Interactive Response System: Deployment and Use **MT3**

**10:30 a.m.-12 p.m.**

**MT24:** Exploring the GHz Highway **MT5**

**MT34:** SystemBuilder Overview **MT1**

**MT42:** Digital Signage with DigiLinX IP Video **MT6**

**MT53:** Infrared Technology and System Design **MT2**

**12:30 p.m.-2 p.m.**

**MT43:** IP Video Products & Key Venues **MT6**

**2:30 p.m.-4 p.m.**

**MT44:** Digital Signage with DigiLinX IP Video **MT6**



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Located in the Main Lobby between the North and Central Halls

**Theater Schedule** (subject to change)

**FRIDAY, JUNE 20**

**9 a.m.-9:45 a.m.**

**Asia Market Study Presentation**

**11 a.m.-11:30 p.m.**

**InfoComm Government Relations Overview**

**BTX Unveils Soundog Audio System**

At Booth C3803, BTX IS demonstrating the Soundog audio system, a four-inch tabletop audio box utilizing wireless technology to provide a new way for sports enthusiasts to enjoy sporting events in a bar or restaurant setting—seeing the game while simultaneously hearing the play-by-play commentary.

Employing a long-range frequency, the Soundog speaker allows customers to audio

surf through eight programs being broadcast simultaneously. While the establishment selects the programming, the customer can control the volume using digital push buttons and an easy on/off volume control on a hand-held unit.



**BTX's Soundog audio system**

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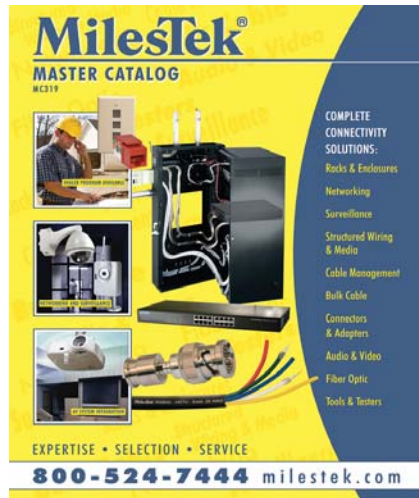
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# MilesTek Expands 'Master Catalog'

MilesTek (Booth C1952) is publishing a new and expanded full-color *Master Catalog*, as well as a computer-ready version on CD-ROM. Both are available at the MilesTek booth.

Designed for commercial and residential A/V professionals, the new 240-page, full-color, perfect-bound guide is MilesTek's first new *Master Catalog* since 2004. It has been fully updated and enhanced, and provides the industry's broadest selection of wires, cables, installation components, tools and hard-to-find specialty products in a dozen critical categories. The categories include racks and enclosures, networking, surveillance, power protection, structured wiring, cable management, bulk cable, connectors



and adapters, audio/video, fiber optics, and tools and testers.

The detailed product information is presented in an accessible, easy-to-use, index-assisted format. Rich in solutions, the catalog is packed as well with vital information, including a glossary, and valuable technical information. It's an essential reference for buyers as well as sellers.

Copies of the new *Master Catalog* are available now for free from authorized MilesTek dealers and at the MilesTek booth.

**MilesTek's Master Catalog is available in print and CD-ROM versions**

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Biamp Systems	C3949
Bosch Communications Systems	C3439
Calzone	C3303
Christie Digital	N250
Clear One	C3739
Conference Systems, Inc.	C3703
Communications Design Group	
Crestron Electronics	N249
D&M Professional	C3631
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## ARINC Powers MBTA with Crown Amplifiers

On a daily basis, the ability for transportation authorities to communicate with passengers is important. However, in these times of heightened security, it is even more important for officials to know those safety and security broadcasts will be delivered in a crisis. ARINC, a leading integrator, specializing in transportation broadcast systems has selected numerous Crown Audio (Booth C3532) amplifiers in its revamp of the Massachusetts Bay Transportation Authority



Crown Audio's CTs 4200 amplifier

(MBTA) system, the nation's fifth largest mass transit system.

In designing Boston's transit public address system, reliability and convenience were the top priorities. It was for this reason that ARINC selected Crown Audio amplifiers, favoring the CTs 4200 for the bulk of the system.

According to Dave Morrissey, ARINC vice president, Surface Transportation, the new station PA systems, utilizing state-of-the-art digital processing by Crown Audio and text-to-speech technology, deliver clearer and crisper audio to keep MBTA customers up to date on the status of the trains.

"We primarily chose Crown Audio's CTs

4200 for the installation flexibility, reliability and reporting we desire with their easy integration with HiQnet and CobraNet," says Morrissey. "These amps are rock solid but if there is ever a problem, they will report the error back to us so we can correct it without spending unnecessary man hours to test the system."

Marc Kellom, Crown Audio's vice president of marketing, notes, "When the MBTA selected our CTs 4200, it is a testament to the pride we put in our products and we are very pleased that we could offer a solution for the MBTA that will be used on a daily basis, but also at a time where performance is most critical!"

## New Flat-Panel Universal Enclosure at Premier Mounts

To meet growing consumer demand, Premier Mounts (Booth C2411) is introducing a Universal Enclosure for indoor and outdoor mounting of flat-panel displays.

The Universal Enclosure blends lifestyle and entertainment. It draws upon Premier Mounts' 30 years of expertise in designing and manufacturing custom mounts and enclosures to develop a universal solution that works both inside and outside-with the same casing.

"The Universal Enclosure opens doors for consumers and integrators who are looking to expand entertainment and signage usage-especially at a time when outdoor living is growing so dramatically," says Len Dozier, founder and CEO of Premier Mounts. "Integrators will immediately recognize the quality and versatility of this product. By taking the key benefits of custom enclosures and making it into a universal solution, we've revolutionized how and



Premier Mounts' Universal Enclosure

where flat-panel displays can be used."

Ideally suited for home entertainment, hospitality, retail, education and digital signage applications, the Universal Enclosure can fit up to 50-inch flat-panel displays. The Universal Enclosure is designed to operate in ambient temperatures up to 120 degrees Fahrenheit. With a compact footprint, the enclosure provides a dramatic impact without sacrificing valuable real estate.

## Coleman Cable Goes Eco-Logical

Coleman Cable Inc. (Booth C4457) is launching the Eco-Logical Smart Strip, a surge protector that not only protects electronics from damaging power surges, but will lower electric bills, too. When devices, such as computers, are plugged into the Control Outlet and then go into "sleep" mode, the Smart Strip automatically cuts power to peripherals such as monitors, printers and speakers. The Smart Strip will

quickly pay for itself in energy savings and then continue to save electricity and money.

All electronics draw power even when they are in a sleep mode or turned off. A printer can use up to 30 watts in sleep mode, which can add up to about \$27 a year in energy costs. Other computer peripherals and home entertainment equipment can draw over 50 watts while standing idle. The energy being consumed by all of these "sleeping" electronics can really be significant.

"Saving energy is one of the best ways to reduce our impact on the environment," says Kurt Markshausen, Coleman Cable vice president of retail sales. "The Smart Strip does all the work for you, and that's why we say 'Being green just got easy.'"



Coleman Cable's Eco-Logical Smart Strip

## Allen & Heath XONE:S2 Mixers Deliver for NYC Hudson Terrace

D&A Collective has installed two Allen & Heath (Booth C3809) XONE:S2 mixers at the Hudson Terrace in New York City to handle both the main dance floor and the huge roof deck. High above 46th St. in Manhattan's Midtown West, the new Hudson Terrace excels as an exclusive event space and night club boasting a 7,000 square foot rooftop deck in addition to more than 8,000 square feet of multifunction space, bar, and outdoor patio.

"The XONE:S2 was the perfect choice for the Hudson Terrace for a number of reasons," states D&A's Steve Petrik. "The fader/rotary option makes a lot of sense for this space. I have the faders installed on the rooftop's S2 because the music up there tends to be more hip hop oriented, and the rotary option is installed on the dance floor which is great for club DJs. And, the fader/rotary units can be swapped as necessary to please the performing DJs. Also, the XONE:S2's alarm interface made installation and code compliance a breeze. Then, of course, the sound of the S2 is amazing, very warm and is the perfect counterpoint to the digital content that is now being played. This is pretty much the only mixer I want to spec these days!"

The XONE:S2 mixer is Allen & Heath's flagship installation DJ mixer for clubs, bars, and mobile DJs. Winning Club World's Best DJ Product Award for 2008, the XONE:S2 boasts supreme sound quality, hot-swappable fader or rotary VCA channel controls, USB port and a host of install features for perfect club system integration.

The A/V System at Hudson Terrace, designed by Steve Petrik, is composed of components from Danley Sound Labs, Biamp, Crest, Chauvet, and Elektralite. The sound system allows the user to route audio from any DJ console to any of the three areas located within the venue. The DJ booth in the salon was custom created out of reclaimed ship wood to match the décor of the rest of the venue. The DJ is provided with two SH-100B speakers for monitoring. All connections to the system are made through two Allen & Heath Xone:S2 DJ mixers.

"When installing such a clean sound system based around the Danley products," comments Petrik, "I new I needed to have a great sounding front end to the system, and the XONE:S2 was the natural choice."

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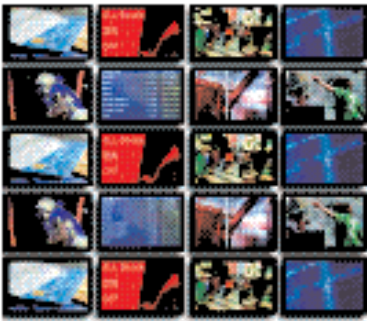
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## Top Swedish Movie Chain Opts for Scala DS Network

SF Bio AB of Sweden is deploying the most modern digital signage network throughout its movie chain. SF Bio turned to Scala (Booth N6931) Certified Partner Zone Systems in Sweden to design and implement the Scala based digital signage network.

For years SF Bio AB has been the leading theater chain in Sweden with 36 movie theaters and 242 "halls" across the country. SF Bio's vision is to offer and continuously develop the best movie experience for their customers. To attain this goal, they are developing the most modern movie theater experience in Sweden by focusing on the

overall experience including: picture quality, sound and food service delivery to cater to the 15 million movie visitors throughout the country.

In 2006, SF Bio AB introduced a project in eight movie theaters in Stockholm, Jönköping and Göteborg to install a digital signage network combining screens for digital menuboards, dynamic movie posters, and for previewing film trailers.

The implementation calls for four screens in a group with as many as 16 groups in a given movie theater. As an example, Bergakungen Movie Theater in

Göteborg has totally 85 screens and Sergel Movie Theater in Stockholm has between 40-50 screens.

Based on the goals and objectives of SF Bio AB, Zone Systems chose Scala InfoChannel for the theater deployment. Scala InfoChannel provides dynamic content management with the flexibility to assign playlists to specific screens based on their local requirements, anywhere in the country. The theaters have special "theme" nights and the content on the network automatically changes to adapt to the specific theme playing in the theater.

## dbx Unveils New Direct Boxes

dbx Professional Products (Booth C3523) is introducing two new direct injection boxes to the product line. Representing a new category of product offering for dbx, the dB10 Passive Direct Box and dB12 Active Direct Box build on the dbx heritage, consistently offering customers innovative and dependable professional signal processing solutions. The aggressive styling of their solid, road-worthy

cast-metal chassis is a departure from the usual utilitarian look of most direct boxes.

The dB10 Passive Direct Box includes all the basic features one would expect from a work horse direct box—1/4-inch input and parallel "thru" jacks, transformer isolation, balanced XLR output and ground lift switch—but provides additional value not found in budget direct boxes. Its three-position pad switch easily accommodates instrument, line level and speaker level signals, and further versatility is added with its selectable polarity invert and high-cut filtering functions. Premium chrome toggle switches and a gold-plated Neutrik XLR output jack, as well as a first-class custom dbx mu-metal-shielded isolation transformer, ensure the highest-quality signal path. All switches are recessed to provide protection from accidental operation or damage.

The dB12 Active Direct Box includes all the features of the dB10 but in an active ver-



dbx's dB10 Passive Direct Box

sion. Driven by phantom power supplied by a mixing console's mic input, the dB12's active circuitry operates from 20V to 48V. A green power LED is included to show status of the phantom power source. The dB12's high input impedance and low-noise buffered active circuitry faithfully preserve the tone and signal characteristics of the instrument source. It also includes a custom dbx mu-metal-shielded isolation transformer, tailored to complement the active circuitry and provide a clean balanced output signal.

## Kramer Breaks Distance Barrier With New Twisted Pair Units

Kramer Electronics (Booth N5141) is releasing the TP-551 and TP-552 twisted pair transmitter and receiver for HDMI signals. The TP-551 and TP-552 can transmit HDMI signals directly over two Cat 5e cables (Kramer XTP cables are recommended) to up to 200 feet (60 meters) at 1080i without the use of intermediary reclocking devices such as signal repeaters. The TP-551 and TP-552 offer a simple and inexpensive solution for HDMI signal transmission over long distances and are ideal for home theater installations, presentation and multimedia applications, and rental and staging operations.

The TP-551 and TP-552 transmitter/receiver system moves HDMI signals to up to 200 feet (60 meters)—depending on the resolution of the signal being transmitted and quality of the cable being used. The TP-551 converts an HDMI signal into a twisted pair signal that can be run over shielded or unshielded twisted pair cables such as CAT 5e cables. The TP-552 unit then converts the signal back to



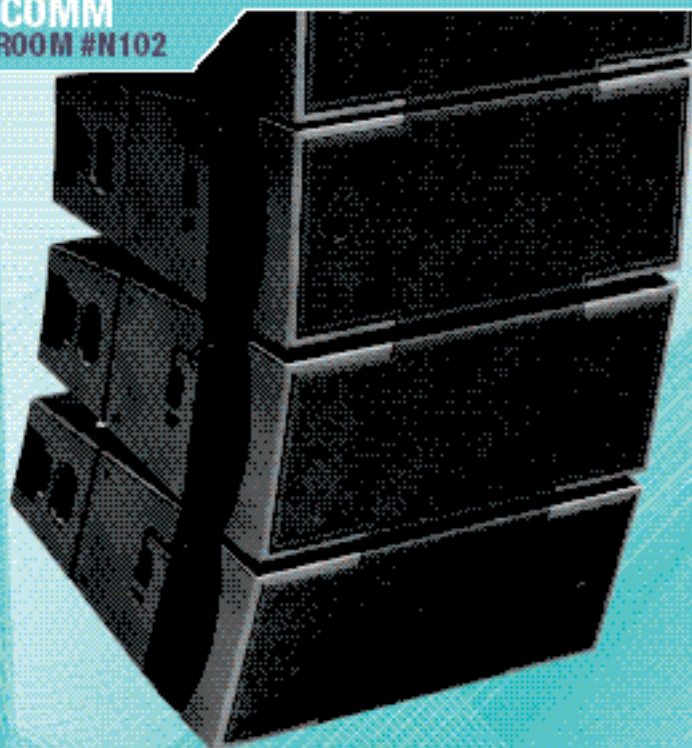
Kramer Electronics' TP-552 twisted pair transmitter/receiver

HDMI. The units offer up to 1.65Gbps bandwidth per graphic channel and are HDCP compliant and HDTV compatible.

The TP-551 and TP-552 pass the EDID, HPD and CEC signals from the source to the display device using the CAT 5e cables.

The TP-551 transmitter unit is outfitted with a high/low gain selection button, one HDMI input and two RJ-45 connectors for CAT 5 output. The TP-552 receiver unit offers four equalization levels to enhance performance and is outfitted with two RJ-45 connectors for CAT 5 input and a single HDMI output.

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## L-Acoustics KUDO Earns Ovation from Ovation

Despite its relatively intimate size, the new Ovation Lounge music club at Green Valley Ranch Resort in the greater Las Vegas area has been steadily hosting a wide variety of popular artists—including Big Bad Voodoo Daddy, Blues Traveler, Collective Soul, Flynnville Train, Grand Funk Railroad, Kool & The Gang, Rick Springfield, and Stanley Clarke—all of whom have been wowed by the venue's impressive L-Acoustics (Booth C4387) KUDO loudspeaker system.

The showroom, which accommodates just over 500 patrons in assigned seating and VIP booths arrayed in a 90-degree arc around a corner performance area, features a fairly low ceiling, which initially presented an

acoustical challenge. In response, Phoenix-based AVDB (Audio Video Design Build) Group supplied and installed a FOH loudspeaker setup comprised of numerous L-Acoustics KUDO enclosures arrayed horizontally above the front of the stage, both blending in with the sophisticated environment and delivering high-quality live sound reinforcement and music playback.

"Ovation Lounge is an asymmetrical room that requires different horizontal coverage on the sides," offers AVDB Group CEO Scott Oosthuizen. "The room also needs the kind of SPL that is only available from an active three-way system like these powerful KUDO line-array cabinets." Because of the

lounge's relatively low ceiling height, sight lines are of key importance. "Usually, that rules out the use of line array, which typically requires a high ceiling and, as a result of the vertical hang, can impede the sight lines. And line arrays traditionally produce a symmetrical, horizontal coverage pattern."

"The installation was on a very tight timeline," Oosthuizen recalls. "There was a lot of audio and video equipment that needed to be rigged and interconnected, but we only had two months. But with help from L-Acoustics' SOUNDVISION software, we were able to pre-configure the system before delivery and then quickly fine tune the KUDO



Blues Traveler rockin' the KUDO rig at Green Valley Ranch Resort's new Ovation Lounge

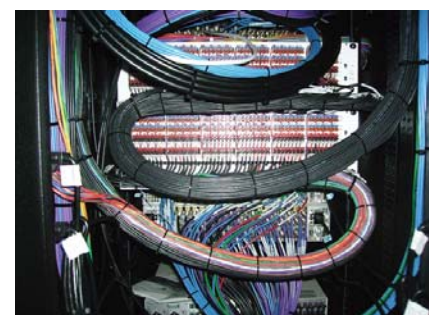
cabinets within the Ovation Lounge. The left-center-right horizontal configuration worked out very well. It's a great sounding club with powerful, even sound coverage."

## Gepco Cable Interconnects Dick's Sporting Goods Field

Dick's Sporting Goods Field, home of the Colorado Rapids Major League Soccer team, is the largest professional soccer complex in the world and features state-of-the-art audio and video systems. The facility boasts the largest video scoreboard and the most LED boards for a stadium its size as well as the only fully-integrated video and LED electronic video board system. Throughout the complex, cabling from Gepco International (Booth C3419) is used to connect the technologies, maximizing the experience for viewers in the stands and at home.

Empowercom was given the task of selecting and installing interconnect solutions for the head-end, voice data, cameras, and TV monitor locations for the stadium. Due to the complex's size, signal strength over long distances was a major factor to consider.

Specific Gepco cables used in the project include VT61811PEF and VT61811TK triax cables, VSD2001PEF coax cables, GA61806PEF six-pair audio, GA61812PEF 12-pair audio, speaker cable, riser and plenum triax and single-pair audio cable. Triax was installed for the 27 camera positions throughout the stadium for both serial digital and HDTV broadcasts. Six and 12-pair audio cables were used for all audio feeds, while Gepco HD coax was utilized for SDI and HDTV interconnections. All cabling laid during the install terminates in four locations: the truck bay (head-end), MDF, studio area and field boxes.



At Dick's Sporting Goods Field, home of the Colorado Rapids Major League Soccer team, cabling from Gepco International (Booth C3419) is used to connect the technologies, maximizing the experience for viewers in the stands and at home.

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## SKB Expands Shock-Rack 4U Models

SKB Corporation (Booth C4375) is expanding its Shock-Rack case line of products with the introduction two new 4U shock rack models. The 24-inch deep (3SKB-R904U24) Shock-Rack model expands the 24-inch series to seven different sizes while the 30-inch deep (3SKB-R904U30) expands the 30-inch line to four different models. Designed from the ground up by SKB's Industrial Division R&D department for military and industrial applications, these cases far exceed performance specifications of typical MI professional and touring market products.

As with all SKB 24-inch deep shockmount cases, the 4U Roto Shock-Racks provide a rotationally molded tough shell with integral-

ly molded valance, and they each come standard with eight elastomeric shocks (load up to 150 pounds). The load range can be enhanced by adding an additional shock on each mounting point.

The 4U Roto Shock-Racks feature field-replaceable, black powder coated stainless steel latches, as well as a patent pending compound hinge door system that allows the lid to swing out and completely around and lie flat against the main body of the case (or alternately go lid-less with an effortless lift motion) and then be reinstalled with the same ease in seconds. The front and rear lids are designed to protrude into the base of the case approximately one inch, and their



SKB's 3SKB-R904U24 Shock-Rack case

unique double wall structure makes them incredibly stiff where this intersection occurs. Each 4U Roto Shock-Rack is securely stackable with the wheels on or off. In addition, this revolutionary design is the only such product that will open front and back while stacked. Other features include removable four-inch casters, gasketed doors and pressure relief valve. Finally, both 4U Roto Shock-Racks are covered by SKB's unmatched Million Mile Guaranty (Lifetime Warranty).

## Klein + Hummel Launches KPA Power Amps

Klein + Hummel (Booth C3475) is introducing its KPA Series of audio power amplifiers at InfoComm08. Designed to drive the largest and most demanding reinforcement applications, the KPA Series covers the full range of reinforcement needs with operating at levels as high as 6,000 watts into two ohms down to models providing 1,100 watts into eight ohms. The series also features Klein + Hummel's unique ability to daisy-chain amplifiers together using a single CAT-5 cable for both digital audio distribution and remote control monitoring of all amplifier functions, including load monitoring.



Klein + Hummel's KPA Series power amps

The KPA Series includes the single rack space KPA 2400, KPA 2290 and KPA 2220 two-channel high-power amplifiers. The units have both analog and direct K8 inputs. The K8 inputs are one of the most exceptional features of the KPA Series: the ability to feed the head-end of the Klein + Hummel K8 digital audio distribution system and select Ether Sound, AES3 digital or analog inputs. Klein + Hummel's Installed Sound Product Manager, Dave Theis, points out the advantage: "The Klein + Hummel K8 system only requires a single control connection to Ethernet or USB to monitor and control all the amplifiers in multiple equipment locations. Any of the sixteen digital audio channels on K8 may be selected at the amplifier or switched via remote control through the K8 bus."

## Crestron Introduces New DIN-Rail Modules

Crestron is showing its new line of DIN-Rail lighting and automation modules at Booth N5600. DIN-Rail is the most popular standard enclosure worldwide, and it is gaining popularity in the United States. The DIN-Rail form factor is highly efficient, requiring only a fraction of the space of a traditional U.S. metal cabinet. More cost-effective and compact, DIN-Rail modules are ideal for small spaces that cannot accommodate a full-size enclosure, such as a classroom, boardroom, home theater, and MDU. DIN-Rail modules are extremely easy to install and completely custom configurable. Modules simple snap onto the DIN-Rail in the cabinet - no tools are required. Crestron is introducing 11 new modules at InfoComm, including a power supply, 2-Series controller, distribution block, audio switcher and more. Standard DIN-Rail cabinets are available from a number of third party vendors and in several sizes.



Crestron's DIN-AP2 2-series control system

New Crestron DIN-Rail modules include: DIN-AP2, a 2-series control system with a PAC2M (66 MIPS processor); DIN-1DIM4U offers four channels of "universal" dimming from one feed with built-in OCP; DIN-1DIM4U, a master air-gap relay with local front control of each dimming leg; DIN-4DIMFLV4, accommodates four channels of 4-wire 0-10 volt fluorescent dimming, and each load handles up to 30 dimmable ballasts; DIN-8SW8, offers eight channels of switching; DIN-2MC2, supports two channels of three-wire bi-directional motor control; DIN-AO8, accommodates eight channels of analog output; DIN-IO8, has eight Versiports, digital or analog inputs, local front status of each I/O, and local override input for emergency backup; DIN-PWS50, a 50 Watt Cresnet power supply, to power DIN-AP2 and other Cresnet devices; DIN-BLOCK, a Cresnet block with 12 Cresnet connectors and Cresnet power distribution; DIN-HUB, a Cresnet HUB with three segments, and supports 32 Cresnet devices per segment.

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## Extron Launches MTP 1500RL Twisted Pair Receivers

Extron Electronics (Booth C1508) is introducing the MTP 1500RL Series of extended distance twisted pair receivers. Available in four models, the new extended distance receivers work with MTP Series transmitters to send high resolution video along with RS-232 or audio signals 1,500 feet or more over a single CAT 5-type cable. The extended distance receivers are compatible with resolutions up to 1920x1200 UXGA, and feature separate continuously variable level and peaking adjustments that precisely optimize image quality for various cable lengths. The receivers are housed in low profile, rack-mountable metal enclosures that can be discreetly mounted in racks or behind wall-



**Extron's MTP 1500RL Series extended distance twisted pair receivers**

mounted displays.

"Our new long-distance receivers are the ideal choice for any application that requires high resolution video signals to be sent very long distances up to 1,500 feet," says Lee

Dodson, vice president of marketing for Extron Electronics. "The extended distance capability makes them ideal for very large buildings, airport terminals, and for campuses with multiple buildings."

The four new receivers are compatible with the Extron MTP Series of transmitters, switchers, distribution amplifiers, and matrix switchers. Each receiver offers an additional female RJ-45 buffered output, enabling up to eight receivers to be connected in series, reducing the number of parallel cable runs required. Two of the models also feature skew equalization with independent skew delay compensation adjustments for each color.

## Yamaha Features PockeTrak 2G Recorder

The Yamaha PockeTrak 2G Recorder is featured at Booth C3969. The PockeTrak 2G is a unique tool for use in corporate boardrooms, meetings and presentations, capturing sermons at houses of worship or for producing audio for Pod Casts. The small, lightweight portable recorder delivers high-level sound quality at a very attractive price point.



**Yamaha's PockeTrak 2G recorder**

Weighing only 1.7 ounces and including a long-lasting rechargeable battery, the one-half inch thick recorder even fits easily into a shirt pocket. With a large 2-gigabyte memory plus advanced digital audio technology that lets you record and playback with outstanding quality, the PockeTrak 2G has a CD-quality linear PCM recording mode that enables uninterrupted stereo recording of up to three hours. In MP3 mode, significantly longer recording times are possible. The rechargeable battery can keep the PockeTrak 2G running for up to 19 hours continuously when recording in MP3 mode.

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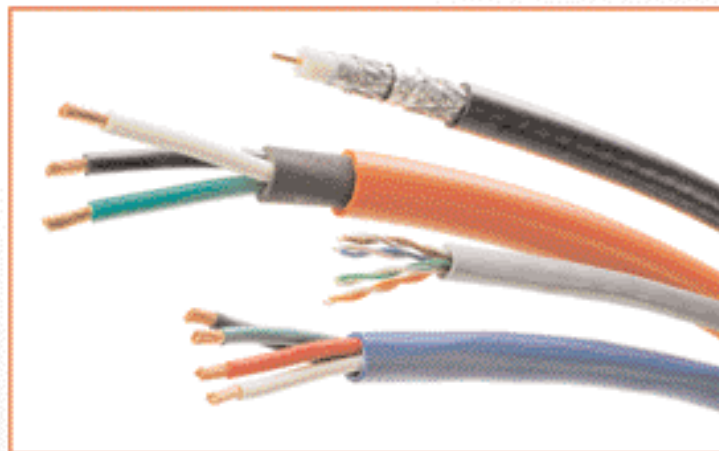
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## Vaddio Names NE Mfr. Rep

Vaddio (Booth C1334) is naming New Jersey-based Sapphire Marketing as its manufacturer rep firm for the Northeastern region representing New York, Massachusetts, Connecticut, Rhode Island, Northern New Jersey, Vermont, New Hampshire and Maine.

As the new strategic partner for Vaddio, Sapphire Marketing brings the most progressive, integrated and reliable solutions to corporate, educational and residential AV applications. With an emphasis in training, educating and communicating with dealers, they maintain a full supply of demo equipment with the technical expertise to assist in end-user customer presentations. The Sapphire Marketing team consists of the highest level, most experienced and professional specialists in the industry today.

"The Vaddio product line provides our sales team with the most innovative camera and video technologies for the AV, broadcast and videoconferencing markets," states Marla Suttnerberg, president and CEO of Sapphire Marketing.

## On the Campaign Trail, Shure is a Winner

Making sure the candidates from both political parties can be heard is not a matter of debate for Stan Dickerson of OSA International and Steve Shepard of massAV in providing sound reinforcement on the '08 campaign trail.

"What's the real challenge of bringing audio to this year's campaign?" Shepard asks. "Everything. The potential for wireless RF interference is always hanging over our heads; we have people in the crowd asking the candidate questions using handheld transmitters held at waist level, you name it. If anything can happen, it probably will. At one event, my colleagues were told they'd need a system to cover a crowd of 300,

2,500 showed up instead."

To help massAV cope with the rigors of Campaign '08, Shepard used Shure's (Booth C3449) UHF-R wireless microphone system to bring an aura of stability and reliability to RF operations. "With UHF-R, users can totally misbehave with our handheld mics and everything remains just fine," Shepard says. "John McCain can be fairly soft-spoken, and he doesn't have the best mic technique, but with UHF-R you can still get what you need out of him and his voice comes across clearly, even if he occasionally wraps his hand around the transmitter's antenna."

Working on the other side of the political

spectrum at times as well as in campaign locations on the opposite coast, including L.A., Stan Dickerson of OSA International developed a wireless blueprint using 20 channels of Shure UHF-R that saw duty in multiple locations. For L.A. campaign stops featuring appearances by Senators Barack Obama and Hillary Clinton, OSA's Dickerson

used a good portion of its 20 channels of UHF-R with Shure's subminiature WL51 lavalier microphones. Citing the excellent rejection of the microphones as perfect for broadcast use where the goal is to eliminate as



Shure's UHF-R wireless microphone system is bringing an aura of stability and reliability to RF operations on the '08 Presidential campaign trail

much of the extraneous room noise as possible, Dickerson adds that the WL51 is great sounding as well, and with its cardioid pattern, simply couldn't have met the requirements of the task any better.

## Hitachi Expands StarBoard FX Duo Interactive Whiteboards

Hitachi Software Engineering America, Ltd. (Booth C914) is adding the StarBoard FX Duo 63 inch interactive whiteboard to its StarBoard FX Duo series. Responding to industry demand for a more compact option, Hitachi developed the FX Duo 63 with the same multi-touch interaction capabilities found in other boards in the series, but with a size designed to fit smaller classes and boardrooms.

The FX Duo 63 opens a whole new world of presentation and teaching possibilities to rooms that were previously thought too small for this advanced presentation technology. When used in conjunction with an optional rolling stand, it can become a mobile teaching or presentation tool, moving from class to class or between conference rooms.

"The FX Duo 63 is a great option for smaller classrooms and presentation spaces," explains John Glad, product manager for Hitachi Business Group. "In education especially, space is a commodity and schools need to make the most of every square foot. Our

new 63-inch board helps them do just that."

Like the other units in the StarBoard FX Duo series, the FX Duo 63 combines Hitachi Software's durable whiteboard design and cutting-edge software technology. It takes interaction to a whole new level for both educators and corporate presenters by enabling control through multi-touch hand gestures, as well as use of the presenter's finger, an electronic pen or any other object.

The FX Duo 63's durable, electronic-free surface works with a camera image sensor system located at the top of the unit. This gives the board longevity, in that it can remain fully operational even with scratches or dents. And like its predecessors, the FX Duo 63 features 24 customizable function buttons, 72 digital ink combinations, and networking features; making it highly adaptable for any user.

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## Extend with Gefen

Connectivity solutions provider Gefen (Booth C1740) is introducing its HDMI over RGB Extender. This sender/receiver extension system uses 5-BNC coax cables to deliver 1080p full HD video up to 330 feet (100 meters) in distance. This allows existing analog displays and projectors to be upgraded on both ends while retaining the existing cable infrastructure to transmit digital high definition signals.

The Gefen HDMI over RGB Extender uses Genum's proprietary ActiveConnect technology that supports the expanded HDMI v1.3 format and allows compatibility with the widest, most current range of digital devices available today.



Gefen's HDMI over RGB Extender

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## New Short-Throw Projector Joins Mitsubishi Family

Mitsubishi Digital Electronics America's Presentation Products Division (Booth C3103) is launching a new XD500U-ST projector designed for educators and presenters who have limited real estate environments.

The powerful new XGA-resolution (1024 x 768 pixels) short throw projector can be placed close to a screen or white board and achieve a relatively large picture. For example, the projector can display a 60-inch diagonal image when only 33 inches away, so presenters do not create distracting shadows while addressing their audience.

"With our new XD500U-ST projector, instructors can focus on teaching instead of staying away from the bright projection light," says Wayne Kozuki, product manager for Mitsubishi Digital Electronics America's Presentation Products Division. "And students aren't distracted by images splashed across a teacher's body or by shadows on the whiteboard or screen."

The XD500U-ST is built with an advance video scaler that can show a compressed WXGA (1280 x 800) image smoothly despite having a native resolution of XGA. This compression and resolution feature allows users to get the best of both worlds, giving full support to legacy 4:3 computers while showing newer, wide-screen images easily and accurately.

The XD500U-ST uses Texas Instruments' new DDP 2230 DMD chip with DLP technology and the latest version of BrilliantColor for superior color performance. Blasting 2000 lumens with a 2500:1 contrast ratio, the projector also has a six-segment color wheel (R, G, B, W, Y, C) that provides dazzling overall color, while its Color Enhancer2 with dynamic lamp power design is an intelligent system that automatically adjusts light output, producing vibrant color performance that captures the attention of your presentation audience.

This filter-free projector has a center lens design and convenient top-loading lamp, which makes installation and lamp replacement simple and easy, saving time and money. Mitsubishi is offering a generous one-year limited warranty on its lamp, making the projector even more economical.

## QSC Unveils Ultra-Compact WideLine-8 Line Arrays

Designed to meet the needs of both concert and fixed sound applications, the new WideLine-8 line array system from QSC (Booth C3459) leaves diminutive footprints for all others to follow with its ability to pack full-size line array performance into remarkably small enclosures. Including the full-range WL3082 and WL212-sw subwoofer, the WideLine-8 Series offers the same wide, 140-degree horizontal coverage as larger WideLine models, excellent ergonomics, and a rigging system integrated into each enclosure that provides strength to accommodate arrays of up to 12 boxes with a 10:1 design factor.

The genesis of the WideLine-8 Series finds its roots in QSC's efforts to create an ultra-compact line array system that would meet the growing number of production requirements demanding the use of smaller loudspeakers. Today's trim height restrictions, advancing needs to keep video sightlines clear, and rising fuel costs mandating downsized truck packs are just some of the forces leading to the WideLine-8 system's development. Adding to the challenge of



QSC's WideLine-8 line array system with subwoofers

shrinking loudspeaker size in today's audio market are the diametrically opposed expectations of end-users and audiences, who despite calling for a reduced product footprint, still want more sonic horsepower and better overall performance than ever before.

Relying on a time-honored formula for success adapted from American hot rod culture, QSC design engineers, in a most basic sense, gave the market what it wanted by stuffing a huge audio engine into the smallest and lightest chassis they could create.

A number of accessories are offered for the system as well, and include small and large array frames (the largest array frame can be used to suspend up to 12 full-range enclosures and four subwoofers), an extension bar that allows an array of subwoofers to be flown behind an array of full-range systems, caster pallets, padded covers, and road cases.

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## JBL Launches VERTEC DP Series Loudspeakers

Rounding out its VERTEC Series line array family of powered and passive loudspeaker models for the professional tour/rental and performance-venue markets, JBL Professional (Booth C3523) is introducing JBL VERTEC VT4889ADP full range high directivity line array element and the companion VT4880ADP ultra long excursion arrayable subwoofer. Both models are integrated audio systems featuring field-proven JBL DrivePack technology. Co-developed with

Harman Pro Group sister companies Crown International and dbx Professional, the high-performance JBL DrivePack electronics modules with integral digital signal processing couple seamlessly with VERTEC loudspeakers. These latest powered full-size models in the JBL VERTEC DP Series deliver superb audio quality with robust reserve power, with digital electronics perfectly matched to the enclosures.

The available JBL DrivePack DP-3 module

features Crown's exclusive BCA (Balanced Current Amplification) technology, incorporating Class I circuitry with temperature-compensated modulation. State-of-the-art feedback circuits enable the JBL DrivePack to set a new standard for performance in digital amplification, with lower noise and distortion specifications than other high-power switching amplifiers on the market. The units include



**JBL's VERTEC VT4889ADP full range high directivity line array element**

an auto-sensing Universal Power Supply and a fan-free, passive, cooling design. The three-channel DP-3 offers a full rated output power of 6,000 watts peak, 3,000 watts continuous (at load) for the VT4889ADP, and 6,900W peak, 3,500W continuous for the VT4880ADP subwoofer.

The standard input module from dbx features analog audio inputs, dbx's Type IV analog-to-digital conversion circuitry, and sophisticated onboard digital signal processing technology. Precision bandpass limiting, pre-equalization filters and automatic self-test functions ensure optimized performance.

"JBL's latest powered models effectively equip the VERTEC DP Series with options in all size categories for line array elements—compact, midsize and now full-size. This provides a comprehensive set of solutions for high-end, powered loudspeaker applications," says David Scheirman, vice president of tour sound, JBL Professional. "Now, in addition to the premium-quality sound available with passive models in the VERTEC Series of line array systems, we're providing a suite of powered models with all of the improved consistency that such system products can offer to our customers in the tour sound and fixed-installation performing arts markets."

### MultiDyne Shows New Fiber Optic Link

MultiDyne Video & Fiber Optic Systems (Booth C1926) is introducing the DVI-5000 multimode fiber optic link, a cost-effective transport solution for short runs of high-quality uncompressed DVI signals over one or two fibers.

The DVI-5000 features stereo audio and data, and support for DVI video signals up to WQXGA resolution of 2560 x 1600 over one or two fibers. The DVI Single Link version requires only one fiber for resolutions up to WUXGA 1920 x 1200, while the DVI Dual Link version requires two fibers for resolutions up to WQXGA 2560 x 1600. The system also supports stereo audio and bi-directional data for monitor control and uses no compression, with no user adjustments or calibration.

The DVI-5000 transports a pixel-for-pixel image that is 100 percent transparent with no frame dropping, and enables 100 percent 24-bits for all scan rates with no contouring or bit reduction at a high scan rate.



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## Elite Screens Forms European Division

Elite Screens, Inc. (Booth C4349) is expanding into Europe with the formation of Elite Screens Europe GmbH, located in Hamburg, Germany. Elite Screens' new facility is the sales, marketing, logistics and service location for Europe.

"As projector sales grow in Europe, so does the need for high quality, low cost projection screens," says Jeff Chen, president and founder of Elite Screens, Inc. "We're excited to offer our American projection



**Erik Schuldt**

industry knowledge and brand name products to this market."

As managing director of Elite Screens Europe, Erik Schuldt brings seven years of experience in the audio/visual industry, and is responsible for building the company in sales, marketing, customer service and logistics functions throughout Europe. His mission is to provide quality projection screens with immediate availability and excellent customer service that Elite Screens is known for in America. He previously helped build BenQ to its leading position in market share in Germany and Austria, and served as a senior product manager, displays and projectors, for BenQ.

Elite Screens, Inc. understands that in the past, projection screens had to be custom ordered, which took time to individually produce and ship, resulting in high costs. Elite instead offers mainstream projection screens with comparable quality in standard sizes at reasonable prices in America and has had great success in doing so. With its methods perfected, Elite Screens is now looking forward to reaching the European AV marketplace.

## Mackie Expands VLZ3 Mixer Series By Two

Mackie (Booth C4549) is expanding its popular VLZ3 compact mixer line with the release of the 402-VLZ3 and the 802-VLZ3 premium mic/line mixers. Incorporating the same technology as their big brothers in the series, the 402-VLZ3 and 802-VLZ3 bring Mackie's premium sound, performance and reliability to the ultra-compact mixer category.

"The 802-VLZ3 is the perfect mixer for someone who wants the overall quality of a 1202-VLZ3, but doesn't need that many input channels," says Greg Young, Mackie product manager. "The 402-VLZ3 is designed to be compact with an intelligently scaled feature set that maintains the sound quality and performance of the other Mackie VLZ3s. These are the only mixers available for those whose input counts are low, but whose standards are not."

The 402- and 802-VLZ3 feature the studio-grade XDR2 (Extended Dynamic Range) mic preamps, proprietary Active EQ, and modern summing bus architecture to ensure high-headroom, low-noise performance. The impressive ultra-compact, rugged, all-steel chassis houses switchable line/Hi-Z instrument

## Audio-Technica Showcases USB Condenser Microphone

Audio-Technica is exhibiting the AT2020 USB cardioid condenser microphone at Booth C3757. Designed for computer-based recording, the AT2020 USB cardioid condenser microphone is ideal for digitally capturing music or any acoustic audio source using all popular recording software.

Equipped with a USB digital output, the Mac- and Windows-compatible AT2020 USB offers studio-quality articulation and intelligibility perfect for home studio recording, field recording, podcasting and voiceover use. With low self-noise and extended frequency response, the AT2020 USB is an ideal microphone solution for the varied spectrum of digital recording setups. Audio-Technica's state-of-the-art design and manufacturing techniques ensure that the microphone complies with the company's renowned consistency and reliability standards.

Based on the critically acclaimed AT2020 and featuring a custom-engineered low-mass diaphragm, the AT2020 USB is a rugged side-address condenser microphone that represents an exceptional value while offering the performance



**Audio-Technica's AT2020 USB cardioid condenser microphone**

advantages of a high-quality studio microphone with a USB interface.

Designed to provide versatility in the most demanding production applications, the AT2020 USB has a fixed cardioid polar pattern to allow isolation of the desired sound source. The microphone has been tailored for a very smooth, natural sound while ensuring maximum accuracy.

## Christie Features New DLP Projector Line

Christie (Booth N5427) is raising the bar on standard features and performance with a brand new line of diversified products that set a new benchmark for reliability, versatility and low cost of ownership in the high-end ProAV projector class. The Christie M Series is a flexible and efficient line of 3-Chip DLP projectors

built on a dual-lamp, mercury platform with extremely feature-rich functionality. Providing a total of six new powerful models, the projectors range from 5,000 ANSI lumens (dual lamp, 200W) to 9,500 ANSI lumens (dual lamp, 350W) and include two resolutions—SX+ (1400 x 1050) and HD (1920 x 1080).

At the highest brightness (9500 ANSI lumens), the unit draws a maximum power of 1320W at 110V, making this projector series the brightest and most efficient on the market in its class. At only 55 pounds, they are also lighter and more affordable to operate and maintain with dual lamps, energy-saving feature settings, and a filter-free, dust-sealed engine design. With the reliability to operate in single lamp mode for mission critical operation, the show can go on with the ability to replace a lamp while the projector is powered on and in use.

This series also provides an expanded suite of high-quality lenses that includes two new options—a short zoom (1.25-1.6:1 SX+ / 1.16-1.49:1 HD) and a long zoom (7.5-11.2:1 SX+ / 6.9-10.4:1 HD)—all with true Intelligent Lens System (ILS) capabilities.



**Mackie's 402-VLZ3 premium mic/line mixer**

inputs, phantom power for use with condenser microphones, and bright stereo LED meters.

The 402-VLZ3 features two mono mic/line channels, a dedicated stereo line channel and an assignable stereo RCA input channel. Mono channels each include an XDR2 pre-amp, switchable high-pass filter, two-band EQ and a channel overload LED, and can be hard-panned for stereo applications.

The 802-VLZ3 includes five channel strips with three XDR2 mic preamps, the Alt 3-4 bus, a pre-/post-switchable aux send, a dedicated stereo aux return, plus a comprehensive control room section.



**Christie's HD10K-M DLP projector**



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— Dave Lewis, Select Audio Video

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## EV Showcases New Powered Loudspeaker

Electro-Voice is at Booth C3439 showing the new ZxA5 powered two-way loudspeaker—the new standard in no-compromise audio performance and versatility, in a simple to use, compact package.

At the heart of the ZxA5 are state-of-the-art transducers. To develop the DVX3150 15-inch high performance transducer, EV used advanced computer aided design techniques to create forced-air, directional voice coil cooling for high power and efficiency. Finite ele-

ment analysis was used to optimise the suspension and magnetic structure for long, linear travel, providing low distortion and greater LF extension. Perfect for an incredibly wide range of applications, the DVX3150 provides the ultimate in lightweight reliability, but with a heavyweight 500W power rating.

Handling the HF is the ND2, a two-inch voice coil compression driver based on a neodymium motor structure that allows maximum output while keeping size and weight to

a minimum. The ND2's precision phasing plug and titanium diaphragm provide better HF performance, while the integral heatsink provides cooling for high power output.

ZxA5 features an integrated high output, lightweight digital amplifier that produces 1000W LF and 250W HF. The very low noise design includes a



**Electro-Voice's ZxA5 powered loudspeaker**

24dB/octave 100Hz high pass filter for use with a sub, the perfect match being the EV Plasma P2 18-inch powered subwoofer.

ZxA5's high tech enclosure uses injection molded high-impact polypropylene structural foam for incredible durability. The enclosure geometry elements have been carefully designed to provide maximum rigidity and bass response. By

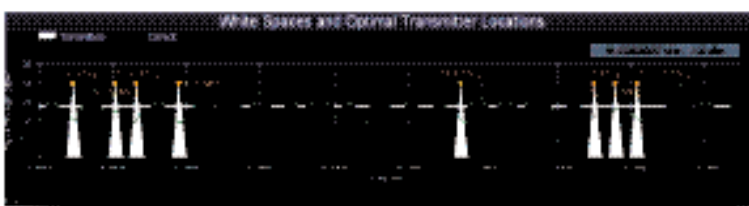
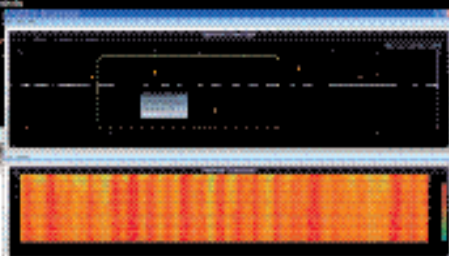
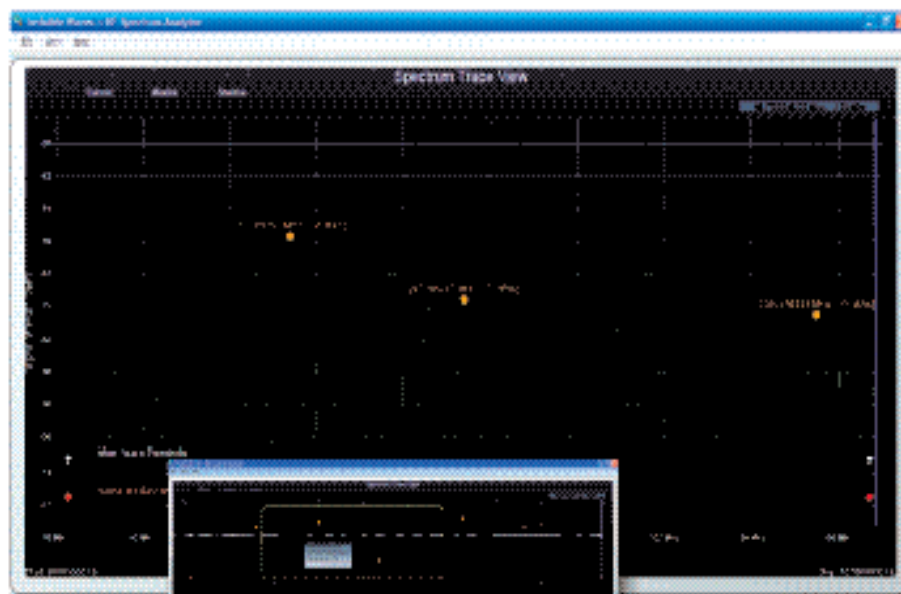
design, the ZxA5 is also an ideal solution for stage monitors, allowing two angles (45 or 55-degrees) with no additional accessories.

ZxA5 is equipped with three anchor plates for rigging with single stud fittings, along with two more possible anchor plate attachment points on the bottom.

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## Avlex Showcases New Dynamic Vocal Mic

Avlex Corporation (Booth C3978) is introducing the new Superlux D108A dynamic vocal microphone. Ideally suited for performing musicians and vocalists, the new D108A delivers superior performance characteristics combined with world-class build quality. The result is a vocal microphone performers can count on for outstanding sound characteristics that can also withstand road rigors.

The new Superlux D108A Dynamic Vocal Microphone features a super cardioid capsule residing in an all-metal, shock resistant housing with a foam mesh grille. The microphone's modular capsule exhibits excellent off-axis rejection and high gain before feedback. The result is a microphone that delivers the high output levels today's performers demand while faithfully capturing the performer's voice with minimal extraneous sounds from other areas on stage.

Featuring exceptionally flat frequency response and a proximity effect optimized for the performing vocalist, the new Superlux D108A provides extremely smooth, natural output quality. With a frequency response of 50 Hz-16 kHz, the new D108A has a broad frequency range to ensure natural sounding, pristine audio quality for today's vocal performers.

The new Superlux D108A is built tough to provide years of dependable service. To ensure against unintended movement of the on/off switch, the D108A offers a built in locking plate to ensure the switch remains in the desired position. Further, the microphone's all-metal construction features a modular design with gold plated connectors for superior signal transmission and a beautiful, charcoal scratch resistant finish designed to retain its good looks.

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## Wireworks, Neutrik Team Up at InfoComm

Wireworks (Booth C2823) is teaming up with Neutrik USA, designer and manufacturer of the XX series XLR cable connector, for this year's InfoComm show.

Neutrik USA turned exclusively to Wireworks for its best-selling LumaVue Plates and Panels, to display its complete line of connector products throughout its InfoComm exhibit space (Booth C3657). In return, Wireworks Corporation is showcasing several of Neutrik's best-selling XLR

connectors as part of its LumaVue Panels and Plates booth display.

"We decided to exclusively use Wireworks LumaVue panels throughout our booth because of their proven durability," says Jim Cowan, president of Neutrik USA. "Wireworks panels can not only stand up to the constant plugging and unplugging throughout the show, but they look great."

Wireworks LumaVue Plates & Panels are first-to-market products that can be rear illuminated, allowing the engraved text and logo/graphics to glow clearly, for instant identification. Panels are rear engraved so marking cannot be marred, worn or destroyed. The LumaVue non-conductive panel material provides total electrical isolation that cannot rust or tarnish.

## AVWorkz Software Unveils AVMS Web-Based Service

AVWorkz Software, LLC, is releasing its ground breaking new product for AV monitoring and management called AVMS (Audio Visual Monitoring Services). This web based service is unique to the industry and provides integrators with a powerful new tool that will both reduce service on-site calls, and generate a new monthly recurring revenue stream.

"AVMS is a revolutionary new service designed to save time and reduce operating costs for a support and maintenance team, and most importantly—it helps to keep you in front of your customers in a positive way," says Connie Bolt, vice president of sales for AVWorkz. Features included in the initial and secondary releases of AVMS include; moni-

toring of Crestron Control System information, real-time alert messages when the system fails, TCP "Ping" for local IP device status, Remote Button pressing, managing temperature and lighting levels to support a company's internal "Green" initiatives, Crestron Viewport Support, as well as provide access to resource information and logs.

Says Richard Blackwell, president and CTO for AVWorkz Software, LLC: "AVMS provides any member of an integrator's technical team with access to a customer's mission-critical data and diagnostic tools from any location worldwide, while simultaneously providing a new source of recurring revenue to improve their business's bottom-line."

## Mounting Solutions for the Masses at Premier Mounts

In response to growing consumer demand for low-cost but yet versatile mounting solutions, Premier Mounts (Booth C2411) is introducing its Victory Mounts family of flat-panel TV, plasma and LCD display mounting solutions. Consisting of seven mount options, the Victory Mounts line is a simple and cost effective way to mount almost any flat-panel display.

"We designed the Victory Mount line with the intent of putting great home entertainment within the reach of nearly every consumer," says Terry Baker, national sales manager—retail at Premier Mounts. "With a price range of \$30 to \$150, the Victory Mounts line is an economical solution for consumers who need a simple solution and have a limited budget."

Available nationwide at Sears, Kmart, Fry's Electronics, Staples, Conn's and online at Target ([www.target.com](http://www.target.com)) or Premier Mounts ([www.mounts.com](http://www.mounts.com)), the Victory Mount line is easy to purchase and install.

The Victory Mounts line includes:

Universal Flat Mount—With two models to select from, the Universal Flat Mount fits 26-inch to 42-inch (XUF-2637) and 37-inch to 63-inch (XUF-3760) LCD and plasma displays.

Universal Tilt Mount—Available in models



**Premier Mounts' LCD Swingout Arm, from its new Victory Mount line**

to fit 26-inch to 42-inch (XUT-2637) or 37-inch to 63-inch (XUT-3760) LCD and plasma displays, the Universal Tilt Mount is designed for mounting displays above eye-level.

LCD Swingout Arm—Designed to fit displays up to 30 inches, the Swingout Arm mount is a top choice for mounting LCD displays in locations where having viewing flexibility is a priority.

LCD Tilt Mount—Ideal for placing 13-inch to 30-inch LCD displays in locations where adjustments are necessary, the LCD Tilt Mount has a maximum tilt range of 20 degrees up or down.

LCD Flat Wall Mount—Designed to fit LCD displays up to 30 inches, the LCD Flat Wall Mount is perfect for mounting displays in any room in the house.

## Peavey Upgrades MediaMatrix NION Processor

Peavey (Booth C3727) is releasing version 1.4.2 of its NWare software, as well as memory upgrades and new I/O hardware, for the NION programmable digital audio processing node.

NION NWare version 1.4.2 is fully compatible with the Windows Vista operating system and adds support for network time protocols that allow NION to sync with network time-servers or an Internet-based atomic clock.



**Peavey has made substantial software and hardware upgrades to its MediaMatrix NION processing station**

In addition, NION nX, n6 and n3 nodes now ship with upgrades in flash memory up

to two GB to enable additional storage of audio, project files and background music loops, plus enhanced efficiency for messaging, audio playback, recording and multi-tasking within the NION system.

MediaMatrix also is releasing the new NIO 4x4 card, which enables greater flexibility than ever for all NION processing nodes. Featuring a four-input to four-output architecture-with mic- and line-level jacks on the inputs and line-level jacks on the out-

puts-the NIO 4x4 card enables system installers to maximize the NION's robust processing power to create streamlined systems based on a single NION node.

NION is built on an embedded Linux operating system architecture designed for stable, efficient and robust performance. Low-latency audio across all I/O ports, broad scalability and DSP-enhanced versatility make NION ideal for high-performance audio projects where a wide range of audio distribution and processing is required.

## APB-Dynasonics Intros ProDesk-4 Console

Making its official U.S. debut at Booth C4769, APB-Dynasonics' new ProDesk-4 small format console is available in five different input formats.

Available in 16, 24, 32, 40 and 48 mono mic/line input channels, ProDesk-4 includes four Stereo Line Only input channels, each selectable from two different input sources and controlled from 100mm faders with stereo EQ and access to all aux buses. All mono input channels also include internally illuminated Mute and PFL switches, six-segment channel metering, 48 Volt phantom power switch with LED, mic/line, Pad and Polarity Reverse switches.

The ProDesk-4 input channels are similar to those used on ProRack mixers, while the cosmetics are identical to Spectra consoles. The high quality side panels, armrest, and bridge assembly are modeled on Spectra. ProDesk's internal electronics and components are derived directly from the successful Spectra and ProRack designs.



**APB-Dynasonics' ProDesk-4 small format console**

At the heart of ProDesk-4 is APB's acclaimed wide bandwidth circuitry, most noticeable in the microphone preamps, EQ, and summing amplifier and output sonic performance. A solid mechanical structure designed to endure tough road conditions protects the electronic circuitry and provides a comfortable but solid work surface.

Six Auxiliary sends are switchable pre/post fader in pairs and pre/post EQ as a group and include one pair of auxiliary sends that are switchable between mono and stereo operation.

The discriminating four-band EQ has sweepable mid-frequencies with a one-octave bandwidth and EQ On switch with LED, Variable High pass filters with a 20Hz-400Hz with On switch with LED.

Other ProDesk features are a Digital USB Stereo Input and Record Output; remote muting of all primary outputs using a single Euro connector and the use of mother and daughter board construction for easy service and uncompromised performance.

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## Vibe Labs Intros MC Series Power Amplifiers

Aimed directly at the AV, multimedia, retail and hospitality market segments, the multi-channel MC series from Vibe Labs (Booth C5187) will prove to be an immediate hit with system designers and integrators if early feedback is any indication. Built around ultra-quiet and reliable linear power supplies MC series models offer four or eight channels of precision Class AB amplification where sonic fidelity and reliability are key requirements.



Vibe Labs' MC801 power amplifier

Delivering 100 watts per channel into eight Ohms and 150 watts into four Ohms, amplifier channel pairs can be bridged to

deliver up to 300 watts of power. For example, one MC801 can power all of the speakers in a 6.1 surround system, with 150 watts x 6 for the satellites and 300 watts for the subwoofer; a total of 1200 watts. Full LED metering for each channel as well as recessed gain controls and a clear Plexiglas control cover make the MC series ideal for high-visibility installations.

As with all Vibe Labs amplifiers the MC

series features heavy gauge CNC machined aluminum front panels that offer great looks along with ultimate durability. Each channel offers balanced inputs on XLR, TRS and Euroblock connectors, as well as a switchable high-pass filter at either 60Hz or 120Hz. Detachable Euroblock connectors are provided for secure speaker connections. "World Friendly" power supplies allow for 115/230VAC operation.

## Media Décor Showcases Elite Series with Audio

Media Décor, LLC (Booth N6652) is showcasing its Elite series motorized art with integrated sound. Designed to conceal installed plasma and LCD TV sites when not in use, the remarkable artwork solutions provide home owners, interior designers, AV installers and home builders with elegant and customizable choices for beautiful and tastefully discrete entertainment centers.

"Even when the TV is off it still seems to always be the central focal point of the room," says Jonathan Graham, president of Media Décor. "Why not fill that space with exquisite artwork that complements the room's interior rather than detracts? That is what we are offering."

The Elite series can be customized to fit unique design needs and interiors. At the touch of a button on the accompanying remote control, an exclusive, patented twin-roller system silently and smoothly raises and conceals the artwork to reveal the LCD or plasma TV display for viewing. The framed units are all self-contained and install easily over any recessed or wall mounted plasma or LCD.

The more than 650 art choices integrated into the Elite motorized units are produced using Giclee (pronounced Zhee-Clay) technology. This high-speed process fires infinitely small pixels of rich, vibrant inks onto special canvas materials, rendering smooth, consistent and museum-quality reproductions. A protectant UV agent is then applied forming an invisible non-yellowing and crack resistant topcoat. This exclusive reproduction process creates and guarantees exquisite art as well as smooth drive unit operation.

The 40 standard frame collection is supplemented by many optional frame choices including designs from Roma, Larson-Juhl and exquisite hand made, hand painted finished corner frames enhanced with pure gold leaf.



Media Décor's Elite series motorized art now includes integrated on-board sound



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## Texas A&M Takes the Lead with Kaltman HF4060

This past football season the Kaltman Creations' (Booth C4366) Spectran HF4060 RF Spectrum Analyzer has become "the tool" that has allowed Texas A&M to have one of the first, if not the first, NCAA venues to offer RF frequency coordination. Unlike bulky and extremely expensive bench analyzers, the Spectran HF4060 is an affordable handheld unit that has provided a solution to every one of the venue's RF problem thus far, whether the issue was trying to find a slice to

stick a 2.4 GHz wireless video into, or making sure that the coaching wireless intercoms are free of interference. This little unit has proven to be invaluable.

Says Aaron Creasy, chief engineer, Texas A&M Athletics: "We primarily use it while connected via USB to a Sony Ultra Mobile PC. The Spectran's PC software offers a great visual display and controls that any typical Windows user can easily manipulate. If one wanted, the software can be designed to

accommodate specific custom templates to suit a particular venue or event.

"In all, we manage approximately 125 different wireless frequencies—in the 10MHz to 6GHz range—for any given football game. So far this year it's been smooth sailing. We have had zero reported RF interference issues from any of the parties involved. All of this good news is based upon the use of the HF4060 analyzer, which has

Kaltman Creations' HF4060 RF Spectrum Analyzer



allowed us to look at the available spectrum, assign frequencies as needed, and coordinate comfortable channel spacing.

"The bottom line is that the Spectran HF4060 is an outstanding RF tool. On a range of 1 to 100, I give it a 99. Yes, it is that good. This thing just plain works! The unit works well with any emitting RF signal; even the Bluetooth keyboard I am typing on right now. If it's an RF signal between 10MHz and 6GHz this thing can see, smell and taste it!"

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## Aurora Showcases Innovative Digital Extender

Aurora Multimedia (Booth N6429) is showcasing the new Digital Extender EDM-1818M. This hot new switcher combines several pioneering innovations. First, the DVI and HDMI input/output cards are fully HDCP compliant. Second, the backplane design allows project-specific population of the card frame. DVI, HDMI, SDI and Display Port can all be supported in the same frame at the time. The EDM-1818M will be the first available Display Port matrix switcher.

The EDM-1818M is extremely integrator-friendly. The backplane simultaneously supports multiple digital video formats, allowing integrators to use a single device for most digital signal formats. It can be populated to accommodate project-specific requirements. Integrators can later add ports to the system in the field as needed.

Among the Expandable Digital Matrix Router's other features are: flexible user interface options: RS-232C, LAN (TCP/IP) Control, and from the integrated touch panel.

newsfrom

### INTERSPACE INDUSTRIES

Interspace Industries (Booth C3119) is launching the second-generation version of the acclaimed MicroCue low-cost wireless AV cueing system. MicroCue2 now features dual, switchable USB outputs as a standard feature of this industry proven, portable, cueing system that is designed to ensure accurate and reliable cueing of PowerPoint presentations. MicroCue2 features the renowned Interspace Industries long distance wireless remote control for completely mobile presenter cueing. Typical line-of-sight distances in an enclosed venue can exceed 225 feet. It is simple to set up and just as easy to operate.

## NetStreams Showcases DigiLinX Commercial Line

NetStreams (Booth N5012) is introducing a new line of DigiLinX IP-Based commercial multimedia distribution products. The new commercial line includes new commercial versions of NetStreams MediaLinX AV encoder and ViewLinX decoder. Additionally, both these products will support NetStreams new MotionXT video stream compression and the ViewLinX will support DualDrive intelligent source selection technology.

NetStreams new commercial IP-Based multimedia distribution products greatly simplify design and installation for integrators. The products add the ability to deploy multimedia content applications and get the optimal display output, either VGA or component without the added expense and complexity of scalers or additional wiring. Additionally, video stream compression helps to reduce the network infrastructure costs

associated with distributing video over the network allowing end users to leverage existing infrastructure investment in some cases.

The new MediaLinX AV (MLAV9300-CS) encoder provides real time encoding of audio and video signals from a video source, including digital signage players, set-top boxes, DVD players. It converts a variety of audio, video, and control signal formats into an AV stream that can then be distributed over TCP/IP network.

The ViewLinX provides real time decoding of a TCP/IP uncompressed AV stream from a standard TCP/IP network into an analog or S/PDIF audio signal and a component, compos-

ite, S-Video or VGA video signal for output to a display. The new ViewLinX features BNC connections, balance line audio outputs, and DualDrive source selection technology. DualDrive technology allows an integrator to connect both component and VGA connectors to a single display and drive the appropriate connection based on the source signal format.



NetStreams' ViewLinX decoder

## DeGraw Tour Thrives with Digidesign VENUE System

Singer-songwriter Gavin DeGraw gained national attention when his breakthrough single "I Don't Want to Be" was selected as the theme for the popular TV series "One Tree Hill." Recently, DeGraw kicked off a series of concert dates in support of his second album, *Gavin DeGraw*, produced by Howard Benson (My Chemical Romance, Daughtry).

DeGraw's FOH engineer Erick "Otto" Celeiro is mixing the show on a Digidesign VENUE system. The compact configuration comprises a D-Show Profile control surface, along with Digidesign's newest VENUE component, Mix Rack, a compact and portable front end that combines all stage and local audio I/O, plus DSP, into a single 11-space rack.

"The combination of Mix Rack and [D-Show] Profile is unbelievably powerful," says Celeiro. "We're doing a lot of festivals and



Erick 'Otto' Celeiro

one-off dates in smaller venues at the moment, and the system is ideal. It's quick to set up, portable and compact, and the Profile's small footprint is deceiving for a system so powerful. I've been mixing Gavin since the beginning of his touring career, and since I've been using the D-Show, I honestly feel this is the best he's ever sounded."

## KFC Selects Wireless Ronin DS for Market Test Phase

KFC Corporation (KFC), a subsidiary of Yum! Brands, Inc., has selected Wireless Ronin (Booth N7318) for the market test phase of its dynamic digital signage menu board program. KFC is using Wireless Ronin's proprietary RoninCast software to monitor and operate a fully integrated digital menu board system.

"We are very excited about this opportunity with KFC and with the success our testing has had to date," says Jeffrey Mack, president and CEO of Wireless Ronin. "The quick-serve restaurant industry is an ideal venue for our technology, offering the ability for timely changes of information addressing critical communication needs not currently available with static alternatives."

The decision to move forward to market test was driven by the successful completion of a pilot test program that began in July with five locations installed in Louisville, KY, Houston and Dallas, TX. The pilot test reviewed indoor and outdoor applications of digital signage, testing and refining the technical requirements for the hardware, software and menu board functionality. The market test phase will consist of adding 24 locations in two select cities. During market test, in addition to the con-



Wireless Ronin's RoninCast software is monitoring and operating KFC's fully integrated digital menu board system

tinued testing of the hardware and software solution, the effectiveness of the menu board content, customer feedback and revenue impact will also be evaluated.

"The RoninCast software solution has the potential to be an effective solution for our menu board applications by providing the flexibility, functionality and reliability KFC is looking for," says James O'Reilly, chief marketing officer for KFC. "Not only will digital menu boards create a new standard for in-store communication and experience for our customers, we hope that it will provide a cost effective way to communicate targeted menus by daypart and allow us to quickly make product and pricing changes."

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## HPG Provides AV Solution for NY Casino Nightspot

Featuring design sophistication on par with the most progressive clubs anywhere in the world, Lava, the new nightclub at Turning Stone Resort and Casino in Verona, NY, boasts a world-class sound system with Harman Pro Group (Booth C3523) components from AKG, BSS, Crown Audio, JBL Professional and Soundcraft, all configured and controlled via Harman HiQnet.

Lava was designed by The Princeton Companies architects with entertainment production design by Production Technology Consultants Group, Inc. (PTC Group) For the acoustic and system design, Nathan Powell, president of PTC Group, compiled a veritable dream team of club design including design veterans Steve Dash and George "Strop" Stavropoulos of Integral Sound of Philadelphia, PA and integration experts Brown Sound of Syracuse, NY, led by company president Jim Messinger. PTC worked with Dean Danowitz, president of Starlite

Productions, on the lighting system design.

Built around a 12,000-square-foot dance floor, the 24,000-square-foot "super club" features two tiers of balcony-levels and a visually stunning 60-foot waterfall that together presented Powell, Dash, Messinger and their teams with no small challenge in sound design.

Lee Fleishman, director of operations for PTC Group, based in Collegeville, PA, worked directly with Nathan Powell on the production design. "On the main dance floor we employed JBL's PD series cabinets," Fleishman notes. "It was a real challenge, aesthetically, placing the lighting with the speakers around the dance floor for even coverage."

Together, PTC and Starlite produced a successful production ring around the dance floor that includes multiple clusters of JBL's PD5322 loudspeakers with a PD5122 loudspeaker attached to each clus-

ter. Custom JBL CS-ASB6128-HR subwoofers surround the dance floor as well. These subwoofers utilize JBL's new 2269H driver. The new 18-inch driver has an ultra-long excursion transducer with 8,000 watts of power handling capacity for high output. "The amount of low-end created on this dance floor is incredible," says Fleishman. The entire dance system is powered by Crown I-Tech series amplifiers.

Crown CTS-powered JBL MS28-HR loudspeakers serve the balcony areas and also the bars and private VIP booths in the under-balcony area. JBL Control 29AV-1 speakers cover the outdoor valet and other covered areas; JBL Control 25AVs cover auxiliary areas such as the lobby, indoor valet areas, and outdoor cabanas while Control 26CT ceiling speakers cover the restrooms. In the outdoor areas, the separate cabanas each have their own volume control. Lava features AKG wireless microphone systems and a Soundcraft Spirit FX16 mixer for sub-mixing other outside inputs. The system is networked via Harman's HiQnet.

"Using the HiQnet System Architect, we are able to go through the casino network and access our programming systems from any Internet connection," says Fleishman. "We can manage the system and receive error notifications remotely and immediately."

## AMX Inconcert Partner Program Adds JK Audio

JK Audio (Booth C4365), now an AMX Inconcert Partner, is displaying its model Innkeeper 1x/1rx Digital Hybrids together with an AMX touch panel at its booth.

The Innkeeper 1x is a broadcast quality telephone interface currently employed in live and installed systems around the world. While the audio connections provide unparalleled flexibility, the AMX touch panel interface allows use in more advanced install apps.

## quickhits

**The ISIS Group, Inc. (Booth N5453)** is introducing Sonarae, an audio monitoring system designed for NLE operators who, as a part of the NLE process, critically monitor the audio associated with a video edit session. Sonarae offers an input mode selector for up to eight AES/EBU data streams or 16 individual audio channels, which allows the user to switch from the main AES/EBU inputs to STEM recorder preview inputs or to an external tone generator.



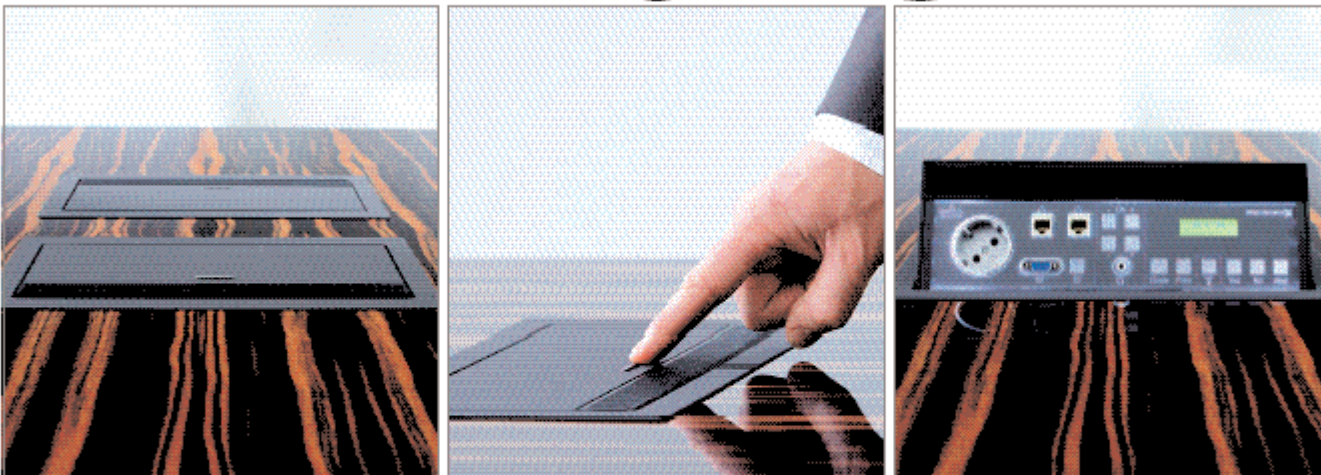
## Chief Introduces New Power Filter

Chief Manufacturing (Booth C1224) now offers high-performance power accessories integrated with Chief mounts. These accessories improve the audio and video performance of projectors and flat panel displays by cleaning and purifying the AC while also providing surge and spike protection.

Choose from a variety of products including the CMS440P Suspended Ceiling Kit with

Power Outlet Conditioner, the CMS445P Replacement Tilt Suspended Ceiling Kit with Power Outlet Conditioner and the PAC521P In-Wall Box with Power Outlet Conditioner. The accessories replace the need for an outlet while providing lossless AC cleaning. They are not visible from below the ceiling and can recess into an in-wall box for discrete, high-performance power conditioning.

## HIDE & SPEAK



**Revoluto** — Now, your boardroom toys are easy to put away.



## newsfrom

### TURNING TECHNOLOGIES

**Turning Technologies, LLC (Booth N6171)** is rolling out international versions of TurningPoint 2008, the latest version of its flagship system that transforms any live audience presentation into a powerful, interactive experience. Support for international languages is now available with German, Japanese and Korean, with Spanish, French, Dutch, Portugal and Russian language support available in the coming weeks. With the new TurningPoint 2008 system, presenters, lecturers and trainers worldwide can instantly measure their audiences' knowledge and opinions while engaging participants with the presentation material.

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## Bally Works Out with Denon

When Bally Total Fitness wanted to install CD players in its clubs nationwide that would hold up under near-constant use, systems integrator No Static Pro Audio Inc. knew exactly what to recommend: the DN-C615 CD player from Denon Professional (Booth C3631). Over the past three years, No Static has installed over 120



**Denon's DN-C615 CD player**

DN-C615 decks in Bally facilities throughout Southern California and sold an additional 139 DN-C615 decks in that time period to other Bally facilities across the country. And in all of those installs and sales, not one single deck has ever failed or even needed repair.

"The DN-C615 is absolutely bulletproof," says Dave Meek, president/COO of No Static, a Burbank-based full-service systems integrator that will celebrate its 20th anniversary next year. "Bally facilities will often install multiple DN-C615 units in one club, putting them in Group Exercise Rooms and Spin Rooms. Whenever the design calls for a CD player, we use the DN-C615 exclusively."

## InfoComm Publications

### AV Setup Guide

InfoComm is pleased to release its newest book, *AV Setup Guide for Events, Meetings, Conferences, and Classrooms*. This 96-page, convenient half-sized guide will help your employees set up an event with confidence — filled with simple step-by-step procedures and relevant topics: customer service, safety, loading and unloading a truck, installing pipe and drape, setting up audio and video, basic troubleshooting, and an appendix of connectors. Perfect for recently hired employees or someone new to the industry. Rental technicians, corporate and university AV technicians, meeting planners, hotel and conference AV employees — this is a must-have for your office, truck, or crash cart!

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InfoComm's popular online class is now available in a book! *Essentials of the AV Industry* documents the fundamentals of the technologies AV professionals use on a daily basis. This 150-page text contains the essential audio, video, and systems technology on which AV solutions are based. Filled with color charts and photos — this information is not to be missed.

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### AV Installation Handbook

The must-have reference for all AV installation technicians! *AV Installation Handbook: The Best Practices for Quality Audiovisual Systems* is an easy-to-use notebook with step-by-step procedures for proper installation techniques and color photos illustrating industry best practices. This content represents years of industry experts' skill and knowledge, refined and documented for InfoComm Academy. Packed with step-by-step procedures and color photos illustrating best practices, it is a perfect take-along out in the field.

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### Audiovisual Best Practices

The definitive reference book for the AV process questions of architects, building and construction professionals, design consultants, systems integrators, and project managers. *Audiovisual Best Practices* presents the answers to your AV design process questions, from the initial planning or program stages through the design, construction, system commissioning and finally, client training. You'll find a wealth of practical resources such as checklists, contract relationship charts, project scheduling decision factors, sample agreements, and much more! Make sure you have one for each team member on your next AV project for best results in communication!

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### Basics of Audio and Visual Systems Design: Revised Edition

An update of an AV classic, this reference is filled with the information you need to find the diverse sets of physics, electronics, ergonomics, and design that make up the audiovisual industry personnel: contractors, developers, engineers, facility owners, project managers, and AV professionals.

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## AMD Shows New DMD, DVP Models

Advanced Media Design (AMD, Booth C3431) is showcasing two new products that enable live or recorded content to be displayed on any output device such as a plasma, LCD, television or projector.

MediaPOINTE's new Digital Media Decoder (DMD) 200 and Digital Video Player (DVP) 200 support MPEG-4 part 10 and play content originating from MediaPOINTE's new Digital Network Streamer (DNS) 210e, or its Digital Media Recorder (DMR) 210e. The DMD200 plays live content only; the DVP200 plays live or recorded content.

MediaPOINTE products are designed for those who wish to share information at any time, without fuss or long preparation; these new products are ideal for delivering live or recorded content for distance learning, training, digital signage, and meeting collaboration, to name a few.

MediaPOINTE's new DMD200 delivers only live streamed video from a MediaPOINTE DNS210e and can be discretely mounted behind a display device for digital signage applications, meetings, presentations, lectures, and television programs. With its small size, the DMD200 facilitates clean and uncluttered installation environments.

MediaPOINTE's DVP200 offers a remote control and can connect to both MediaPOINTE DNS210e and DMR210e to display live content or to find and display previously recorded content. The device can sit either next to, under or near the display device. Via the remote control, web interface or RS232 connection, users simply find any live stream or file such as school announcements, classes, cable television programming, etc., and display it on any output device with a few clicks.

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## Symetrix Symnet Snowboards Into Retail

Burton Snowboards, the world's leading manufacturer of snowboards and related apparel and accessories, is nearly thirty years old, though you'd never guess it from the hip and genuinely youth-focused vibes of their Chicago and Los Angeles flagship stores. Their employees, all avid snowboarders themselves, are allowed to set the climate with music selections from their own iPods piped through state-of-the-art sound systems designed by Intaglio LLC, an AV design and install firm based in Grand Rapids, Michigan. Intaglio principals Kirk Grimshaw and Peter Larson used open-architecture Symetrix (Booth C3885) SymNet DSP systems to do very different processing and routing in the two locations "under the hood" while delivering a consistent interface and functionality to the users.

Grimshaw used a single SymNet 8x8 DSP augmented by a SymNet BreakIn12 and a SymNet BreakOut12 for a total of 20 inputs and 20 outputs. Inputs include iPod bays on each floor, three channels of XM Radio, five Adtech Systems high-definition video hard drive playback devices, and a computer output.



Symetrix' SymNet handles zoned sound for the hip retail environment of Burton Snowboards located just off Chicago's Magnificent Mile.

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## Windy City Wire Rethinks Cable Management

Windy City Wire's (Booth N6877) latest innovation in cable management is the SmartWire RackPack, a new twist on "the reel in a box." The SmartWire RackPack not only offers the convenience of a free spinning reel in a box, but Windy City has taken it a step further by implementing a patent pending design feature to the box that allows the boxes to be "racked" together. When the SmartWire RackPack cartons are used in conjunction with either the SmartWire RackTrak or the SmartWire RackStak job site productivity will skyrocket for your installers.

The SmartWire RackTrak is a light-weight, durable cart that can hold 12 or more RackPack cartons and the SmartWire RackStak is a more compact dolly that can accommodate six RackPack boxes. This enables technicians

to easily stage, transport and pull 6,000 to 12,000+ feet of cable around a job site.



Windy City Wire's SmartWire RackTrack cart

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At a press conference yesterday, Sharp Imaging and Information Company of America (SIICA) (Booth N5803) announced the introduction of the company's first Wide-XGA .65-inch 3-chip DLP professional projector. The

XG-P560W projector combines 5,200 ANSI lumens of brightness with WXGA (1280 x 800) native resolution and the advanced Texas Instruments 3-chip DLP technology. Pictured here is Daniel Wynne, senior director and group leader, marketing.



The dnp (Booth N5333) Supernova Infinity is a modular screen system that creates large-sized viewing experiences out of any number of Supernova Screen units. Shown here with the Infinity

are (l-r) Manfred Freiburger, senior account executive, and Joseph Strovas, sales and business development.

## AVI-SPL Plans for the Future

by Dan Goldstein

If you're looking for confirmation that the AV industry is in a robust state, despite all the economic uncertainties, then look no further than the growth chart displayed by AVI-SPL at its InfoComm press conference. The combined revenues of the former AVI and SPL companies rose from \$312 million in 2005 to \$419 million two years later. Perhaps more importantly, the newly merged company is budgeted to earn \$463 million this year—by any measure, a very healthy increase.

The two men behind both the merger and the growth are executive chairman Marty Schaffel and vice chairman Chad Gillenwater. Speaking at an informal press gathering on Wednesday, the pair offered a rare insight into the vision that drives an entity like AVI-SPL. The merger itself was a hugely complex and drawn out process and, now that it's done, the biggest task facing the company is stitching the two formerly separate businesses together.

That hasn't prevented Schaffel and Gillenwater from formulating ways in which they can continue to grow AVI-SPL in the months and years to come. One way will be to expand internationally. "We have business relationships with over 50 hotel chains worldwide," said Schaffel, "and like so many of our customers, these companies want to have relationships with fewer suppliers. We are already established in places like Dubai, Singapore, and Mexico, and our goal is to have alliances with local integrators that will give us a presence in 21 countries."

Another way will be to promote the company's range of services more aggressively to the construction industry, notably the architectural and interior design communities. "Our umbrella of capabilities gives us the ability to show the level of experience that architects are looking for," said Gillenwater, adding that AVI-SPL is well on the way to establishing systems integration as a key component of the building design process. "When I started in this business, architecture was sticks and bricks," he observed. "Today it's much more than that, and we provide the infrastructure that enables a facility to function."

# Promoting Pro AV Around the World

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## IOCOM Boosts Telepresence

IOCOM (Booth C3363) is demonstrating the latest in advanced collaboration such as powerful yet low cost HD Telepresence technology. The booth also features IOCOM's unique multi-camera and multi-display systems and handheld computer systems running on WiMAX wireless cards.

IOCOM will also be featured in daily 15 minute exposes at Starin Marketing's booth (C3148). Times have yet to be determined but the Starin booth will contain an interactive "theater" for live presentations of various Starin vendor offerings. Stop by during the show for presentation times and to see the latest in audio, visual and display technology offerings.

# newsbriefs

## myVRM

myVRM (Booth C3088) software makes scheduling video and audio conferences easy. The flexible software features open architecture, time zone conversion, and reports that show usage of carbon emissions so that organizations can accumulate carbon credits and take advantage of tax deductions.

## National Time & Signal

Founded in 1916, National Time & Signal Corporation (Booth C5251) manufactures high-quality master clock systems, state-of-the-art fire alarm systems, and a wide variety of outdoor, tower, and floral clocks up to 50 feet in diameter.

## Media Vision



Media Vision USA is demonstrating the Taiden fully digital Infrared wireless microphone discussion and voting systems at Booth C4124. The Taiden HCS-5300 fully digital Infrared wireless conference system brings the latest in digital infrared technologies and networking techniques to the conference microphone. The Series consists of the Conference Control Unit CCU, delegate units, digital IR transceiver units, and application software. The HCS-5300 system guarantees privacy as the infrared frequencies will not pass through walls. The delegate units are powered by detachable, lithium battery packs that can be charged by the HCS-5300CHG. The software allows users to quickly set up, display, and save information about each conference.

## TIA Announces Green Initiatives

The Telecommunications Industry Association (TIA) is investing in a number of green initiatives for the electronics industry worldwide. They include EIATRACK (www.eiatrack.org), TIA's global benchmark for environmental intelligence and product-oriented regulatory tracking and analysis, and TIA's E-cycling Central web site (www.ecyclingcentral.com), with a new state-by-state database of more than 2,000 electronics recycling locations in the United States. TIA is also rallying communications companies around issues relating to the greening of technology.

TIA announced its green initiatives next door to InfoComm at NXTcomm 08.

"TIA's investment in green initiatives provides vision and adds value for our members as the ICT industry continues to respond to worldwide environmental and regulatory issues affecting business," says TIA president Grant Seiffert.



John J. Lowell, president of Lowell Manufacturing Company, is at Booth C3719, where the company is demonstrating the versatile CompPac surge suppression, which mounts behind flat screens, under counters, in a rack, on a shelf, or virtually anywhere using universal brackets.



Digital Projection (Booth NG340) held a press conference yesterday morning where it announced the addition of 1920 x 1200 resolution models to its iVision 30 and dVision 30 series line-ups. The new WUXGA native resolution displays present a 16:10 aspect ratio, a format that is becoming widespread in high-resolution desktop and notebook computer displays. Pictured is Michael Bridwell, marketing communications manager for Digital Projection.

# CREATOR

UNITED NATIONS UNCTAD

## ADDRESSING THE OPPORTUNITIES AND CHALLENGES OF GLOBALIZATION FOR DEVELOPMENT

Exhibition June 18-20 | InfoComm 2008 | Booth NG263

### We specialize in

RGB/VGA/ Composite Matrix switcher and Audio conference system

CREATOR is NO.1 Audio visual manufacturer in Asia, product line-up as follows:

- Matrix switcher
- Central control system
- Touch screens
- Audio conference unit
- Wireless simultaneous interpretation system

GEM  
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Available

## PlayNetwork Opts for Antex XM-100

PlayNetwork has chosen Antex (Booth C3975) to provide its XM-100 satellite receiver as part of a larger strategic relationship recently announced with XM Satellite Radio. Under terms of the PlayNetwork-XM Satellite Radio agreement, the new "XM for Business" service, available to business customers across the country, will enable businesses to experience XM and benefit from PlayNetwork's industry expertise and specialized direct-sales workforce.



Antex's XM-100 satellite receiver

As part of an ongoing relationship, PlayNetwork's XM for Business unit has cho-

sen Antex to provide the XM-100 satellite receiver—one of the company's premier commercial satellite radio receivers—to their customers. PlayNetwork has utilized Antex's advanced media playback device, the C400 Combo, exclusively for their custom business music and messaging services for the past several years. The inclusion of the XM-100 to PlayNetwork's on-premise hardware offerings further enhances their full-service capability.



MediaPOINTE is at Booth C3431 showing its DNS210e, a file streamer designed to deliver full-motion video, CD-quality stereo audio and full-resolution graphics in either Unicast or Multicast, up to 30 frames per second. Pictured: MediaPOINTE's director of sales and marketing Gareth Wade.

# Standards Build a Better AV Industry

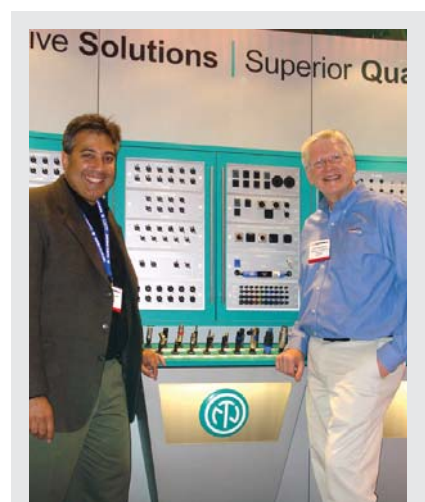
Visit [www.infocomm.org/standards](http://www.infocomm.org/standards) to learn more about InfoComm's Performance Standards program and how you can get involved.

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Bretford's product manager, David G. Smith, focuses on AV furniture safety and sustainability in Booth N5841. The new FPBBUL Series of wide-body flat panel carts safely holds and transports any size LCD and plasma display weighing up to 85 pounds. Each full cart is certified to comply with UL standard 1667 for tall institutional carts, and features a wide body.



Neutrik USA marketing facilitator Mark Boyadjian (left) and Wireworks Corporation president Gerald Krulewicz (right) showcase the companies' booth collaboration at this year's show. Neutrik USA turned exclusively to Wireworks (Booth C2823) for its best-selling LumaVue Plates and Panels to display its complete line of connector products throughout its InfoComm exhibit space.

# NSCA Show Wrap-Up

by Chuck Wilson

The consolidation of NSCA's Systems Integration Expo into InfoComm's annual tradeshow was surely our biggest news in 2007. Time and time again we heard from both manufacturers and integrators alike that the decision to consolidate the industry calendar has been truly appreciated by the industry.

NSCA promised all the same great events at InfoComm 08 that you remembered from the NSCA Expo: popular education sessions to help solve your problems; opportunities to connect with your peers at our networking events; and a

place to build new connections and partnerships at the NSCA Zone. I hope you enjoyed yourself and made it to many of the activities and events.

The best part is that the momentum from the show doesn't end when the show floor closes; the partnership between NSCA and InfoComm to improve the industry event calendar will continue throughout the year. First, because many contractors and manufacturers have asked for additional opportunities to attend or offer training and certifications, NSCA and InfoComm created NSCA TechWeek, sponsored by InfoComm. Set to

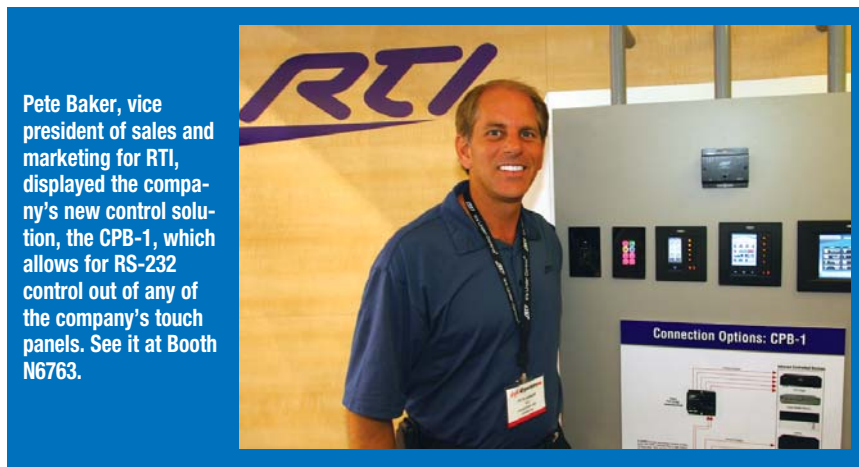
debut October 20-24 in Dallas, TX, TechWeek is an affordable, trade-only event. Here, attendees can go to one place to get as many product-specific certificates and required certifications as they can in one week.

Then in the spring, NSCA will host its popular Business and Leadership Conference (formerly the Fall Business Conference), now sponsored by InfoComm. Commercial electronic systems executives and managers, join us in Phoenix in February 2009 for an intimate venue to share tips and strategies and network with your peers.

The timing of this inaugural partnership

show is especially significant for NSCA. We have been touched by all those who have expressed their concerns for us after our headquarters in Cedar Rapids, IA, experienced the city's record flooding just last week.

However, NSCA staff remains committed to helping its members build their businesses, and we are pleased with the outcome of this show. Remember that NSCA continues to be an association at the service of our members; an association dedicated to helping our members succeed in the industry. We hope you enjoyed the show.



Pete Baker, vice president of sales and marketing for RTI, displayed the company's new control solution, the CPB-1, which allows for RS-232 control out of any of the company's touch panels. See it at Booth N6763.



Clear-Com's (Booth C3583) Bob Boster, director, North American field sales, and Graham Ramsey, VP worldwide sales and support, pose with the company's new Clear-Com Concert software-based intercom system. Based on Voice-Over-Internet Protocol (VoIP) technology, Clear-Com Concert's enhanced audio features deliver crystal-clear sound and non-blocking communications over a standard Local Area Network or Internet between local and remote users.

## quickhits

### Lighthouse Demos High Resolution Panels

Lighthouse Technologies' is demonstrating its state-of-the-art, high resolution R6-B and R4-S LED panels at Booth N6713. R6-B is a 6mm pixel pitch, black-faced panel with 2,000 nits of brightness, enabling it to cope well with ambient light levels. It has a horizontal viewing angle of 140 (+70/-70) degrees and vertical viewing angle of 90 (+40/-50) degrees. It employs the single king pin for fast rigging, making them ideal for the indoor rental, exhibition and conference markets.

### C-nario Launches C-Nario Cube System

C-nario (Booth N7113) is launching the C-nario Cube, a system that delivers multiple types of content from a variety of sources, including dozens of live high definition video

broadcasts, to a multitude of screens, while maintaining pixel-perfect accuracy, excellent quality and complete synchronization between screens. C-nario Cube is based on a new advanced multi-display and seamless projection technology, developed by C-nario.

### LG, Destination Media Plan Strategic Alliance

Destination Media, parent of Gas Station TV, and LG Electronics, (Booth N5941) are planning a long-term strategic technology and marketing alliance.

For advertisers, the collaboration will leverage LG's screen technology and Destination Media's proven non-traditional marketing strategies. Offering media networks one of the industry's most comprehensive selections of flat-panel displays and related distribution technology, LG Electronics will be the exclusive screen provider for a number of Destination Media's extensive out-of-home marketing networks. LG also plans to advertise on various Destination Media digital out-of-home TV Networks.

## Thank You, Sponsors!



## Thank you, CTS® Volunteers!



CTS and CTS-I are now accredited under the ISO/IEC 17024 international standard by the American National Standards Institute (ANSI), the International Organization for Standardization's (ISO's) U.S. representative.

This would not have been possible without the dedicated service of about 100 industry volunteers, dedicating thousands of hours of service. Thank you for helping make the CTS credential more valuable! If you see a CTS volunteer wearing a ribbon, make sure to thank them for a job well done!

## Tell us your story

Become a part of history by contributing to InfoComm's AV Historians Project.

Help us celebrate InfoComm's 70th Anniversary. Tell us about why you joined the industry, your most interesting experience or anything about AV that stands out in your memory in the AV Historians sound booth at InfoComm Central.



InfoComm Central Booth  
www.infocomm.org



Crown (Booth C3523) celebrated touring pioneer Sound Image's passing of the 5,000,000-watt mark in I-Tech inventory. Pictured (l-r) Brian Divine, director of marketing, installed sound and touring; W. Scott Robbins, senior vice president of worldwide sales; Glenn Peacock, executive director, Sound Image; Marc Kellom, vice president, marketing; Andy Flint, vertical marketing manager; and Phil McPhee, vertical market manager, commercial sound.



OWI celebrated its 30th anniversary with a birthday party in Booth C3061 yesterday that also marked the launch of its CRS-101 infrared wireless mic system. Pictured (l-r) OWI's Fred Morioka; Ned Morioka, CEO; Giovanni Rossini, regional sales manager; and Joseph L. Martinez, vice president.



InfoComm and TIA sign a letter to the U.S. Green Buildings Council requesting LEED points for videoconferencing. Pictured (l-r, sitting) Grant Seiffert, TIA President, Randal A. Lemke, Ph.D., Executive Director, InfoComm, and Mark S. Valenti, CTS, InfoComm President and the Sextant Group; (l-r, standing) Tony Warner, CTS-D, CSI, CDT, RTKL Associates, Scott Walker, CTS-D, LEED AP, Waveguide Consulting, and Andy Kurtzman, VP and General Counsel, TIA.

## InfoComm 08 Award Winners

by Mary Bakija

Three awards were presented to recognize the remarkable achievements of a few stand-out InfoComm members at the InfoComm VIP reception last night.

Ed Goodman, founder of AVW Audio Visual and active member of InfoComm since 1968, when it was the NAVA show, was honored with the Distinguished Achievement Award. The association's lifetime achieve-

ment award recognizes a member who has had a career dedicated to excellence in the AV industry. Goodman has served on a number of InfoComm councils and committees, including chairman of the Rental & Staging Council, Board of Governors, and president and chairman of InfoComm.

Spencer Bullins, CTS, territory manager for AMX East, was chosen as the Harald Theil Volunteer of the Year Award winner.

Celebrating an individual who has contributed greatly in ways otherwise unsung, this award was given to Bullins for his dedication and leadership within the industry and InfoComm in particular. "We've seen Spencer step up and engage a new endeavor," says Randal A. Lemke, Ph.D., Executive Director of InfoComm International. "Spencer has the ability to gather people together and create change, and we're very impressed with the work he's done for our industry."

The InfoComm International Educator of the Year Award, given to a member who has taught or developed an InfoComm program, went to Peter Putman, CTS, ISF, president of ROAM Consulting. Putman has taught many seminars and workshops over the years, and will teach "Wireless—What's Next?" with Gordon Moore, CTS, and "Digital Video 101" this year.

## Market Study

continued from page 1

The market in the Asia Pacific region is expected to grow 10 percent annually through 2010. Accounting for the greatest growth are the healthcare and education sectors, which are anticipated to grow 19 percent and 17 percent respectively, between 2005 and 2010.

InfoComm also offers major professional audiovisual tradeshows in Asia, China, and India, along with regional roadshows in the Asia-Pacific marketplace. "Our Market Study shows so much growth and opportunity in Asia," says Lemke. "We see the shows out there becoming as big as shows in the U.S. in five to 10 years."

Phase two of the study is currently under way, and copies are available for order at [infocomm.org](http://infocomm.org).



Learn how you can be a part of AV Week - visit InfoComm Central, located in Lobby between the North and Central Halls.

[www.AVWeek.org](http://www.AVWeek.org)

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## Awards

continued from page 1

- **Best Video Projection Product/High Lumen:** Digital Projection TITAN SX+ 500 DLP Projector
- **Best Video Projection Product/10K Lumen or Less:** Christie HD405 DLP Projector
- **Best Plasma or LCD Display:** NEC LCD6520L LCD Display
- **Best LED Product:** Barco NX-4 LED Display
- **Best Lighting Product:** Barco DML-1200 Digital Moving Light
- **Best Video Signal Processing or Distribution Product:** Analog Way Tetra VIO AV Switcher/Converter/Interface
- **Best Video Switcher:** Extron ISM 824 Modular Integration Scaling MultiSwitcher
- **Best Video/Broadcast or Video/Streaming Product:** AMX Inspired Player Server and Software
- **Best Projection Screen:** Da-Lite Ultra Wide Angle Fabric
- **Best General AV Product:** Premier Mounts PSD-BW Mobile Nesting Cart
- **Best HD Production Product:** Panasonic DZ12000U Projector

- **Best Rental Management Software:** IntelEvent Express System
- **Best Show Control:** AV Stumpfl SC TouchControl System
- **Best Digital Signage Product:** Extron IPL T PC1 AC Power and Device Controller

This year's Lighting&Sound America Staged Events 2008 Winners are:

- **Best overall staging for a corporate or association event: Technology budget \$50,000 - \$199,999:** LMG Inc. for the Autodesk Conference
- **Best overall staging for a corporate or association event: Technology budget over \$200,000:** Advanced Staging, for the Capital Campaign Kickoff, with Alford Media receiving an Honorable Mention for the Oklahoma Centennial
- **Best overall staging for a Corporate/Industrial entertainment event:** Freeman, for the Rotary Club International Conference
- **Best use of AV technology for a trade show booth for a corporate client:** Freeman, for the BIO Convention booth
- **Most innovative use of AV technology for an outdoor event:** On Projecoes, for Christmas Tree 2007