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# infoComm08

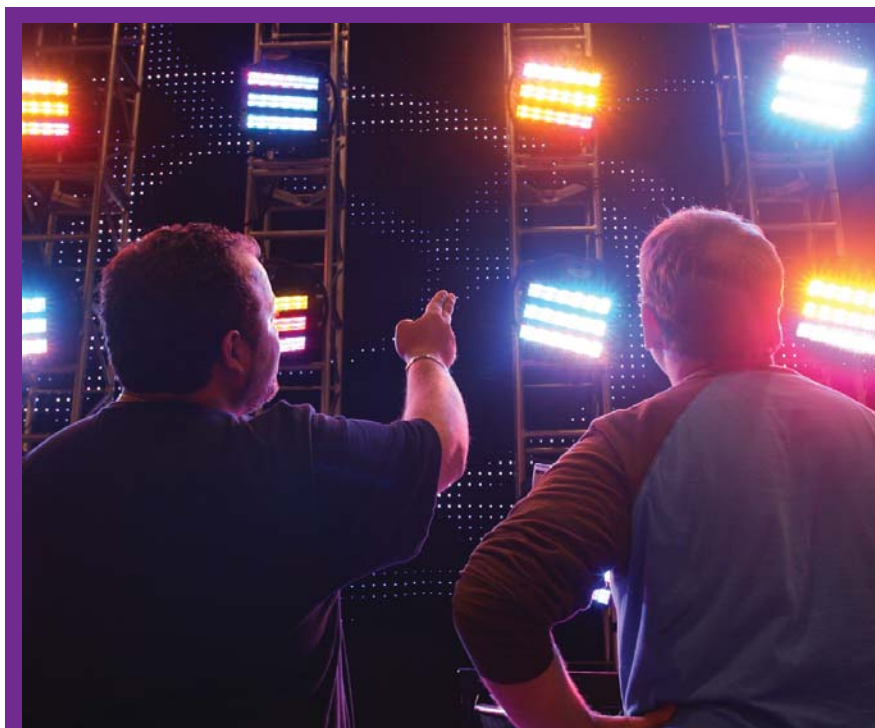
## INFORMATION COMMUNICATIONS MARKETPLACE

### Education Prospects Limitless as Super Tuesday Unfolds

by Alicia Zappier

InfoComm 08's steadfast commitment to education is ever-present this year with a vast assortment of technical and business workshops in the mix. The show boasts 350 educational opportunities, many of which happened yesterday during Super Tuesday.

Super Tuesday is an all-day lineup of specialized and business instruction for AV professionals. This year it welcomed 733 attendees, roughly 200 more than last year. "This show is known for its number  
*(continued on page 118)*



Main Light Industries's Giovanni S. Ciranni (left) and Richard Dunn enjoy the scene created by the company's moving head LED fixture and soft LED curtain. See it for yourself at Booth C4303.

### Three Shows in One

by Mary Bakija

Welcome to a landmark event: the first InfoComm Expo to include the NSCA Expo. The electronic systems industry has been anticipating this week for some time now, and it's already proving to be a welcome change to the annual events calendar.

"The advantage for the attendee is that they don't have to choose between or travel to two shows," says Randal A. Lemke, Ph.D., Executive Director of InfoComm. "For us as associations it's an obvious advantage, because we don't have to compete. We have a lot of great things to offer, and we can do it at the same time."

The consolidation was decided following audience research at last year's NSCA Expo, which showed that some 78 percent of visitors and 80 percent of exhibitors were also planning on going to InfoComm three months later. Welcoming exhibitors who had been with NSCA but not InfoComm opens up new opportunities for attendees, showcasing the innovations of markets not previously seen here, such as audio evacuation systems, life safety and security, networked audio, and commercial intercom. Furthermore, attendees are treated to many of the events popular in years past at the NSCA Expo, including ExpoJam!,  
*(continued on page 118)*

### AV/IT Convergence Classes Merge Industries

by Ryan Abeling

This year's InfoComm Expo is offering more AV/IT convergence education and training than ever before. With NXTcomm co-locating this year at InfoComm 08, the convergence of the two industries has never been more important. With many classes focusing on the marriage of the two industries, IT and AV professionals will walk away feeling more informed about the future of AV.

One of the most exciting courses for attendees is InfoComm's "Installation Issues for Converged AV/IT Systems," taught by Joseph Bocchiaro III Ph.D., CTS-D, CTS-I today from 10:30 a.m.-12:00 p.m. As more and more audiovisual integrators are offering IT infrastructure installation to their clients, it is mandatory that they understand the hardware and test procedures required. Randal A. Lemke, Ph.D.,  
*(continued on page 118)*

Executive Director of InfoComm, notes, "It's a really exciting course. Attendees actually get to build and take apart a Cisco system. It's really an important course for both industries."

Another course being offered is "Space, Time and Technology: The Future of AV," taught by Mark Valenti CTS today from 10:30 a.m.-12:00 p.m. This session  
*(continued on page 118)*

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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# JBL Spotlights Versatile Control 2P Monitor

JBL Professional (Booth C3523) is introducing the Control 2P compact powered reference monitor. The Control 2P is a 5-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.

The Control 2P is based on the platform of its legendary predecessor, the Control 1 Pro, utilizing the same studio-quality transducers and crossover, while incorporating internal amplification and features for professional audio production and installation.



JBL's Control 2P Monitor



Stop by AMX's Booth (C2902) to see their huge digital display ribbon, which is promoting AMX's new products and is powered using its Inspired Signage solution. Some of the new products include: Inspired-2-Go pre-packaged solutions; new Endeleo UDM Products; Octaire Fixed Matrix Switchers; and AMXmeetingroom.

## Exclusive Electrograph AV Displays

Electrograph Systems is showcasing a wide array of AV displays and accessories, including exclusive showings of several digital signage products, at Booth C1230.

New digital signage products shown exclusively in the Electrograph booth include: the EK3 Digipost content delivery system; the Symbicon Icon57 57-inch TFT LCD high definition display; and the ELO 22-inch LCD Touchmonitor.

Other new products shown in the Electrograph booth include the Samsung MagicInfo Pro and UXn LCD displays; the



See Brad Schertle, Midwest solutions manager for Electrograph, at Booth C1230.

Sharp Special Edition Aquos SE94 Series 65-inch LCD TV; and the InFocus IN15 laptop-size projector.

Electrograph is also showing live demos of the new Panasonic PT-SW7000, Sharp Pro PGF320F, and NEC LP-3151 projectors.

Additionally, Electrograph is giving away a display each day of the show, including a Sharp Pro PN465U 46-inch LCD monitor,

Panasonic TH-42PH10UKA 42-inch plasma display, and Sanyo PLV-Z2000 home theater projector.

## InfoComm Travels to Abu Dhabi

by Mary Bakija

Integrated Systems Events and CMP Information announced yesterday a new expo to serve the Middle East and African markets. The inaugural Integrated Systems Middle East Africa (ISMEA) will take place March 23-24, 2009 at the Abu Dhabi Exhibition Center.

ISE and CMPi will be jointly responsible for selling, organizing, and promoting ISMEA as the sole trade-only exhibition in the region fully focused on AV and electronic systems integration technology. With a strong presence in worldwide exhibitions and roadshows, they are well positioned to bring a successful tradeshow to the people working on a wide range of large-scale construction projects in the rapidly growing area.

"We looked at various locations in the Middle East, and by far, everything is happening in Abu Dhabi," says Mike Blackman, managing director, ISE. "For our industry,



The agreement between ISE and CMPi was announced by (from left) Mike Blackman; Don Gilpin, Executive Director, CEDIA; Randal A. Lemke, Ph.D., Executive Director, InfoComm; and Chris Fountain, Group Director, CMPi.

most investments will be taking place here."

As well as a two-day tradeshow for the commercial, residential, and rental and staging market, ISMEA will feature an extensive program of education and training, developed jointly by CEDIA, InfoComm, and exhibiting companies, with an emphasis on manufacturer participation.

## shownews

### Solutions Abound at Digital Signage Pavilion

Content, creation, delivery and display—all of your digital signage solutions are available at the **Digital Signage Pavilion!**

Providing end users and integrators of digital signage technology from all markets, including retail, corporate, hospitality and



institutions an opportunity to experience top companies' latest products and services within this rapidly expanding field. Join exhibitors including Wireless Ronin Technologies, Matrox Graphics, Ingram Micro, Lighthouse, Scala and VBrick in the Digital Signage Pavilion located in North Halls 3 and 4. The Digital Signage Pavilion is supported by titanium sponsor Sony; gold sponsors Peerless Mounts, Stampede, and Wireless Ronin Technologies; and silver sponsor BroadSign.

The Digital Signage Pavilion is also the home of the Digital Signage Application Showcase. Immerse yourself in digital signage environments integrated by Spinitar,

## Rack 'Em Up

by Mary Bakija

Now in its second year, the popular AV Systems Rack Integration Challenge pits systems integrator teams in a 12-hour battle of AV know-how. The teams that will compete to design and build a fully operational AV system include Advanced Audio Visual, Audio Visual Systems, ExhibitOne Corporation, Spinitar, and The Whitlock Group.

"We have 4 teams this year, up from three last year," says Randal A. Lemke, Ph.D., Executive Director of InfoComm. "They work hard—they build to conform with InfoComm Best Practices—but they have fun doing it."

The contest area is located in Central Hall 2, Booth C1755. Stop by throughout the show to watch the build process and see the champion, and then enter to win the contest's winning rack system (valued at \$25,000) at the sponsors' booths. The AV Systems Rack Integration Challenge is supported by platinum sponsor Middle Atlantic Products and gold sponsor AMX.

## exhibithall hours

Wednesday, June 18, 9 a.m.-5 p.m.

Thursday, June 19, 9 a.m.-5 p.m.

Friday, June 20, 9 a.m.-4 p.m.

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

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US Patent 4,819,467

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

## Yamaha Shows IM8 Series Analog Mixers

Yamaha Commercial Audio Systems, Inc. (Booth C3969) is showing the new IM8 Series analog mixer. This easy to use, high-quality analog mixer is an ideal alternative for small installations, specifically houses of worship, corporate AV, or anywhere analog control for live or permanent installation is required.

The Yamaha IM8 Series mixers are available in 24-, 32- or 40-channels, all with four additional stereo inputs. The consoles feature TRS Insert Points, balanced Direct Outs, eight Groups, eight Aux, one Stereo and Mono output. With an 11 x 4 matrix, the IM8 Series feature four Mute groups, 100mm faders and an external power supply.

The IM Series features two-channel USB recording capabilities and includes Steinberg Cubase AI software.

## Sencore, Lumagen Set Strategic Partnership

Sencore (Booth N6719) and Lumagen (Booth N6176) are forming a strategic partnership to provide the highest quality video in the Home Theater and Commercial AV markets. Pairing the Lumagen Radiance series of video processors and Sencore calibration tools integrators will now be able to completely and flawlessly implement video systems and correct many built in problems in video displays that have not been possible to address in the past.



Blake Brubaker, VP of sales, celebrates the release of Da-Lite's new 3D Virtual Black rear screen projection fabric at Booth C1156. Featuring breakthrough polarization preserving properties, 3D Virtual Black provides a new dimension in 3D passive stereoscopic viewing. Da-lite is also featured in the Large Venue Display Gallery.



Announced at a sales meeting held the day before InfoComm 08, Middle Atlantic Products (Booth C3403) has announced that Ouzunoff & Associates has won AV Rep of the Year for 2007. Left to right: Brandon Ivey (Eastern Regional Sales Manager), Craig Decker (Eastern Region Sales Director), Greg Ouzunoff, and David Breinich (Eastern Regional Sales Manager).

## Syn Aud Con Provides Full Audio Coverage

by Ryan Abeling

This year's sold out Syn-Aud-Con training at InfoComm 08, featured two information-packed seminars on in-depth audio and acoustics training. "These sessions have become a must for all audio professionals," explains Randal A. Lemke, Ph.D., Executive Director, InfoComm International.

The first session, "Sound Reinforcement

for Operators," held on Saturday and Sunday, covered important subjects such as microphone selection, mixer setup, and signal flow. The emphasis was on the practical rather than the theoretical, using real-world explanations of potentially complex subjects.

The second session, "Sound Reinforcement for Technicians," held on Monday and Tuesday, covered the theory behind how systems work and demonstrated how to use instrumentation to look "under the hood" to troubleshoot systems. Advanced topics such as crossover adjustments and equalization were presented in a technical, yet practical manner.

## EduComm Marks 5th Year at InfoComm

EduComm is back for its fifth year at InfoComm! This 2-1/2 day conference, which begins today and continues through Friday, June 20, is uniquely focused on solutions for maximizing education using technology. Attendees will benefit from exciting keynote addresses by David Pogue, the weekly personal-technology columnist for *The New York Times* and an Emmy award-winning tech correspondent for CBS News, and Gary Kaye, the founder of rAVE publications and chief visionary at Kaye Consulting. In addition, there will be more than 40 expert sessions, hands-on visits with sponsor exhibits and representatives, and numerous networking opportunities. Visit the EduComm exhibit located at Booths N6771 and N6773. Also be sure to stop by EduComm's Classroom of the Future Pavilion, located in the Las Vegas Hilton.

## Sanyo Launches 4LCD Technology

Sanyo (Booth C2848) has introduced their latest optical engine, called 4LCD, which adds a Color Control Device to conventional 3LCD (red/green/blue) systems. The first projector to launch this 4LCD engine is the PLC-XP200L. The additional Color Control Device in the 4LCD optical engine allows the PLC-XP200L to automatically control the amount of yellow light in the image, producing high-

er luminosity with improved color accuracy and clarity.

Sanyo's 4LCD engine overcomes the limitations of 3LCD technology, opening the way for new projectors capable of extremely high luminosity without the trade off in color accuracy. The PLC-XP200L is rated at 7000 lumens has an impressive high contrast ratio of 2200:1.

Stop By Booth #C2902

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AMX announces the introduction of the most complete digital signage solution on the market today. Inspired Signage gives you the power to create your own dynamic digital signage. The new package solutions include pre-designed layouts to take the guesswork out of making it look good and software for on-the-spot editing, publishing and delivery of content to all displays. Plus you have the ability to add real-time internet content like weather, stock, news and more. The power is truly in your hands.



MediaMatrix by Peavey (Booth C3727) has released 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. Version 1.4.2 is fully compatible with Windows Vista operating system and adds support for network time protocols. MediaMatrix has also released the new NIO 4x4 card, which enables greater flexibility than ever for all NION processing nodes. Pictured is technical director Chares Anderson.

# Crestron TPS-6X Redefines Touchpanel Design

Designed for speed, style and extreme versatility, Crestron's (Booth N5300) TPS-6X is a 6-inch touchpanel that includes and improves upon features traditionally provided by several different remotes and controllers, making this the one perfect solution for almost any application. TPS-6X provides a small tabletop form factor while also offering total portability. TPS-6X is a slim, lightweight RF wireless controller, providing exceptional graphical performance and communication speed. While docked, the TPS-6X is a wired

Cresnet or Ethernet connected panel with full-motion video display; simply lift the panel off the dock, and the panel automatically switches to a wireless RF device. TPS-6X features two-way RF communication up to 200 feet and one-way IR.

The TPS-6X is engineered to deliver the functionality previously found in nine separate touchpanels. As a



Crestron's TPS-6X touchpanel

wired touchpanel, the TPS-6X communicates over Cresnet or Ethernet. As a wireless touchpanel, it communicates via RF and IR. The TPS-6X ships with both a no button and backlit button bezel, in a glossy or matte finish in black or white.

This is an extremely versatile and powerful solution.

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For more information, please visit us at [www.panasonic.com/avccam](http://www.panasonic.com/avccam).



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810 Seventh Avenue, New York, NY 10016

Tel: (212) 378-0400 Fax: (212) 378-0470

Email: [infocommdaily@nbmedia.com](mailto:infocommdaily@nbmedia.com)

## Projection Summit Targets Trends, New Products

By Alicia Zappier

In its seventh year here at InfoComm, the two-day Projection Summit Conference offered a distinctive opportunity for attendees to learn about the newest projector technologies that have begun to shape the industry. It was a unique chance to view new products before the show floor opens.

The event, which took place on Monday and Tuesday, continued to be a huge draw for attendees and analysts alike. "This is the highest registration they've had for it since it began," states Randal A. Lemke, Ph.D., Executive Director, InfoComm. "It's a great event. It's good for tech-heavy people, and a lot of analysts who come to the show like it."

Each day was divided into four sections, and some of the key topics included LED/laser projector components, business projectors, digital signage, large venue projection systems, pico/pocket projector opportunities, and more. Speakers included Insight Media, Texas Instruments, 3M Projection Systems, and Sony Electronics, among others.



Audio-Technica (Booth C3757) unveils its new "Experience More" branding initiative, which is focused on giving customers more than they expect in quality, reliability, service, and support. Shown is Greg Pinto, vice president of marketing, in the all-new Audio-Technica booth.

## 3LCD Hits 50 Million Mark, Powers New Innovations

3LCD (Booth C1524) announced on the eve of InfoComm that 3LCD projection technology has surpassed the 50 million-chip mark, surpassing all other projector technologies. With millions of projectors sold and in use today, 3LCD technology is ubiquitous in meeting rooms, classrooms, boardrooms, houses of worship, and large venues around the world.

Not resting on its laurels, manufacturers of projectors featuring 3LCD technology are showcasing industry advancements and breakthroughs at InfoComm 08.

- **Ultra-bright, Ultra-portable:** Epson (Booth N6029) is unveiling its new line-up of ultra-bright, ultra-portable projectors. The Epson PowerLite 1720, 1725, 1730W, and 1735W projectors deliver 3,000 lumens of color and white light output for bright, vivid images, sleekly designed in under four pounds.

- **4,000-Lumen WXGA:** Hitachi (Booth C914) is introducing the CP-WX625, featuring WXGA resolution, a brightness of 4,000 ANSI lumens and a 2,000-hour hybrid filter.

- **1080p with 10,000:1 Contrast:** Mitsubishi (Booth C3103) will debut its new

HC5500 3LCD projector, its latest 1920 x 1080 projector with automatic iris function for quicker black-to-light image shift and an incredible 10,000:1 contrast ratio.

- **Ultra-short Throw with Networking Capabilities:** Sanyo (Booth C2848) at InfoComm is introducing the PLC-XL51 3LCD projector, an upgrade to the previous PLC-XL50 that offers the same unique short throw distance capable of projecting an 80-inch image from a distance of only 3 inches.

- **Something for Everyone:** Sony (Booth C1500, C2983) will be showcasing its recently announced 3LCD projector line-up, with MSRPs ranging from \$900-\$1400: two XGA (VPL-EX50 and VPL-EX5), SVGA (VPL-E55), and WXGA (VPL-EW5). Features of this series include: short focal-length lens that allows large-screen projection from a very short distance, 4-second power up, and high level security to help prevent theft.

- **Sub-\$800 Price Points:** Epson (Booth N6029) is also introducing 3LCD multimedia projectors. The Epson PowerLite W6 projector (\$799), a WXGA resolution model delivering 2,000 lumens of color and white output, offers HDMI connectivity for high-definition quality video. Epson will also debut the Epson PowerLite 78c (\$649) with 2,200 lumens and XGA resolution, and the Epson PowerLite S6 (\$549), delivering 2,200 lumens with SVGA resolution.

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**ALLEN & HEATH**

## Rental & Staging Forum, Reception Set

The **Rental & Staging Forum** will be held today starting at 2:30 p.m. at the Las Vegas Hilton, Ballroom A. A reception will be held immediately following the Forum.



Similar to years past, this year's Forum will incorporate an Audience Response System and a panel discussion covering the following topics: "Recession, Yes or No?"; "The Migration to HD: How Fast is it Happening?"; "Employment Practices and Dealing with Increasing Wages, Higher Cost of Living and Shrinking Margins"; "Dealing with Sky-High Fuel Costs"; and "The 'Greening' of Our Industry."

## Extron Launches New Fiber Optic Matrix Switcher

Extron Electronics (Booth C1508) is introducing the FOX 4G Matrix 14400, a high performance, modular fiber optic matrix switcher for complete, end-to-end digital AV signal transmission and routing over fiber optic cable. It is expandable in sizes from 16x16 up to 144x144, and supports digital switching at rates up to 4.25 Gbps. Equipped with all of the convenience features common to Extron matrix switchers, together with hot-swappable I/O boards, real-time system monitoring, and redundant, hot-swappable power supplies, the FOX 4G Matrix 14400 delivers highly reliable, enterprise-wide switching of fiber

optic AV and control signals for any mission-critical environment.

"The FOX 4G Matrix 14400 is the new addition to our line of fiber optic matrix switchers, specifically designed for facilities requiring a highly robust, dependable, large-scale switching system using a fiber optic infrastructure," says Lee Dodson, vice president of marketing for Extron. "We've built specific features into this matrix switcher that expedite AV system integration and ensure uninterrupted, continuous 24/7 operations."



Extron's FOX 4G Matrix 14400 fiber optic matrix switcher

The FOX 4G Matrix 14400 is fully compatible with the FOX Series of fiber optic digital transmitters and receivers. It accepts and routes standard definition video, high resolution computer-video, DVI-D, and multi-rate SDI. The modular board design features nine board slots that can accept FOX 4G Matrix I/O Boards in 850 nm multimode and 1310 nm singlemode versions.

A host of familiar, integrator-friendly matrix switcher features are available, including I/O grouping, rooming, and memory presets. For optimum performance and reliability, a real-time monitoring system continuously provides self-diagnostics of the I/O boards, fiber links, power supplies, internal fans, and general functions of the switcher. Finally, the FOX 4G Matrix 14400 can be remotely configured and operated through the RS-232 serial control port, IP Link Ethernet control, and the optional FPC 5000 Front Panel Controller and MKP 3000 X-Y Remote Control Panel.

## Sony Unveils Compact LCD Front Projectors

Sony is at Booth C1500 highlighting its entry-level LCD front projectors at InfoComm 2008 by displaying four new models, including its first compact widescreen version. Each is designed for commercial applications, and specifically suited for classrooms and conference rooms.

The new projectors range from the VPL-EX50 model with 2500 lumens to the VPL-EW5 widescreen, VPL-EX5 and VPL-E55 models all with 2000 lumens each.

The VPL-EX50 and VPL-EX5 models offer native XGA 1024 by 768 resolution, while the VPL-E55 unit features SVGA 800 by 600 resolution. For widescreen projection, the VPL-EW5 model has WXGA 1280 by 800 resolution.



Sony's VPL-EW5 widescreen LCD front projector

Each projector comes equipped with a short focal-length lens that allows large-screen projection from a very short distance, ideal for smaller meeting rooms or classrooms. For example, an 80-inch (viewable area, measured diagonally) image can be projected from a distance of approximately 7.5 feet by the VPL-EX50, VPL-EX5 and VPL-E55 models, and 8.2 feet by the VPL-EW5 projector.

The new projectors use a combination of two imaging technologies. First, 3LCD technology is designed to make projected images brighter and more natural. Complementing this in the VPL-EX50, VPL-EX5 and VPL-EW5 models is Sony's BrightEra(tm) technology, which is based on an inorganic alignment layer that produces a stronger bonding of molecules.

A variety of interfaces include monitor output, audio output and RS-232C control (on the VPL-EW5, EX50 and EX5 only).

# TASCAM

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## Electro-Voice Features New In-Wall Speaker

Electro-Voice's (Booth C3429) EVID FM series of flush mount in-wall speaker systems is the next generation of high performance background and foreground installed speaker systems from Electro-Voice.

Comprised of the FM6.2 (six-inch woofer, six-inch tuned passive radiator, one-inch tweeter) and the FM4.2 (four-inch woofer, four-inch tuned passive radiator, one-inch tweeter), the new members of the EVID product family offer a unique combination of

superb audio quality, sturdy sealed unit construction, and aesthetically pleasing in-wall design.

All components are housed in a shallow, fully sealed enclosure for consistent performance and superior sound isolation from adjacent rooms. This innovative low profile design also gives the FM series increased structural integrity: the specially designed ribbed back can eliminates flexing; the transformer is mounted on the back can surface,

further enhancing stiffness.

Minimal enclosure depth and four-point quick mounting tabs make the FM series a streamlined sound reinforcement solution for any architectural environment, offering quick and easy installation into any wall cavity. The FM6.2 provides very high power handling in a compact package, making it perfect for larger rooms; FM4.2 provides similarly excellent performance for small and mid-sized rooms. Either 70w/100v or 8 ohm operation is



Electro-Voice's EVID FM in-wall speaker

standard on both models, so there is no need to buy or stock special versions.

Both systems offer exceptional extended bass response relative to their compact size, and are designed to work seamlessly with all EVID series subwoofers where additional low-end reinforcement is required.

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## NXTcomm 08 Co-Locates with InfoComm 08

InfoComm 08 is co-locating with **NXTcomm 08**, bringing attendees the largest shows in AV and IT/telecom side-by-side at the Las Vegas Convention Center. Either show's badges access both show floors and shared shuttle bus routes. In addition, InfoComm attendees can visit NXTcomm's keynote speakers, including Randall L. Stephenson, chairman & CEO, AT&T; Denny Strigl, president & COO, Verizon; Daniel Heese, president & CEO, Sprint Nextel; Scott McNealy, chairman and co-founder, Sun Microsystems; and many more.

The NXTcomm show floor offers the most comprehensive marketplace delivering the ecosystem of network-enabled voice, video and data. Check out the new **Product Zones** including Broadband Wireless World (BWW), hosted by CMP. BWW is co-locating with NXTcomm and includes an exhibit pavilion which will be the destination to display all broadband wireless access technologies; the IPTV Studio, where content providers, service providers and operators, media and entertainment executives and network infrastructure facilities converge; the **Content Showcase Green Village**, offering services, programs and implementations companies are currently undertaking to address the impact telecom, IP and other communications services have on the environment; and the **BSS/OSS Corridor**, the premier destination for communications operators looking for software and services solutions for their business and operations support systems.

NXTcomm targets premier information and communications technology suppliers and is co-owned by the Telecommunications Industry Association (TIA) and the U.S. Telecom Association (USTelecom). NXTcomm 08 is located in the South Hall of the Las Vegas Convention Center. The NXTcomm show opened yesterday, and closes on Thursday, June 19. To see the latest NXTcomm schedule of events, including keynote sessions, please visit [www.nxtcommshow.com](http://www.nxtcommshow.com).

## Meyer Sound Helps Gore Speak 'Truth' To Iceland

Former Vice President and Nobel Prize Winner Al Gore brought his *An Inconvenient Truth* presentation to Reykjavik, as a guest of Iceland's President Ólafur Ragnar Grímsson. Gore delivered his message on environmental consciousness to an audience of nearly 1,000 people who filled the University of Iceland's Haskolabio theater. Utmost intelligibility at the important event was entrusted to a self-powered Meyer Sound (Booth C3649) system provided by Reykjavik-based AV com-

pany, Exton.

As Exton project manager Ivar Ragnarsson explains, the venue was not an easy room for system designers. "The hall is rather wide and steep, and has always been a bit hard to cover with conventional speakers," says Ragnarsson. "M'elodie has perfect coverage for this venue. Because of its very tight focus, it's also really great for working with lavaliers."

The system comprised two arrays of eight

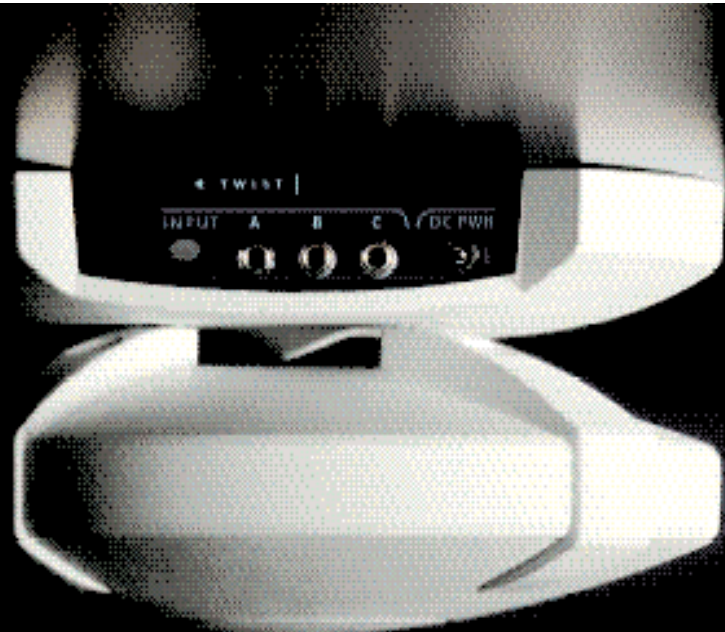
M'elodie line array loudspeakers. Frontfills were handled by eight MM-4XP miniature loudspeakers, the new self-powered version of the astonishing MM-4 wide-coverage miniature loudspeaker which features a faceplate of four inches square. A Galileo loudspeaker management system provided system drive and processing.

According to Ragnarsson, Meyer Sound's self-powered feature enabled the crew to set up the system quickly in the presentation hall



**Former Vice President and Nobel Prize Winner Al Gore brought his *An Inconvenient Truth* presentation to Reykjavik, as a guest of Iceland's president Ólafur Ragnar Grímsson. Gore delivered his message to an audience of nearly 1,000 people who filled the University of Iceland's Haskolabio theater, which is outfitted with a self-powered Meyer Sound system.**

which is not only home to the Icelandic Symphony Orchestra but also serves as a movie theatre and a lecture hall for the University of Iceland. "The symphony held a rehearsal the day before," says Ragnarsson, "Doors opened for the event the following morning at 7 a.m., so we had a very short time to load in and tune the system. It would have been pretty much impossible to do this with any other system."



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**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.

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## shownews

### InfoComm Central: Your InfoComm 08 Pit Stop

Stop by the InfoComm International Booth at **InfoComm Central** located in the Grand Lobby between the North and Central Halls.

Visit InfoComm Central each day of the Show to race around our NASCAR inspired racetrack and win hourly prizes, sponsored by DLP-Texas Instruments. You can have a chance at winning \$35,000! A Sanyo Xacti VPC-CG9 digital media camera will also be given away each day of the Show to a winning driver, sponsored by Sanyo.

At InfoComm Central you can learn about InfoComm International membership, certification, market research, outreach and more. Listen to experts offering free business and professional advice on everything from government relations to international business development. Find out about InfoComm's Member Benefits including information on our new social networking initiatives. Relax in the theater and be dazzled with industry awards presentations, including the *ARCHI-TECH AV Awards*, *Lighting&Sound America Staged Events Awards*, *NewBay Media's Systems Contractor News Installation Product Awards* and *NewBay Media's Rental & Staging Systems Product Awards*. InfoComm Central is also your destination for Show info, badge pick-up, the Show store and much more!

HOTSPOT  
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## Timely Topics at IMCCA Forum

The **Interactive Multimedia Collaborative Communications Alliance** (IMCCA) provides a forum for end users to address timely topics, network with potential partners, customers and vendors, and learn how to make sound collaborative technology decisions. Join IMCCA today and tomorrow. Forums include: "The Value of High Definition (HD) & Telepresence," "IMCCA Lunch & Learn," "Web Conferencing Versus Video Conferencing," "Telepresence @ InfoComm 08," "Collaborative Conferencing and AV for the IT Professional," "IT and Collaborative Conferencing for the AV Professional" and "Collaborative Conferencing—Nicety or Necessity?" For more information, visit IMCCA located at Booth C3619.

### newsfrom

#### FORBES

**Forbes-AV (Booth N6641)**, a division of Forbes Industries, is located in Ontario, CA. The company prides itself on manufacturing capabilities, utilizing a multitude of materials, allows Forbes-AV to create the solution for all presentation furniture needs.

## Avocent Shows New Multipoint Wireless Extender

Avocent Corporation (Booth N6925) is introducing a new version of the Emerge MPX extender, the MPX1500T high-definition (HD) multipoint extender transmitter, which wirelessly distributes HD content from a source to multiple destinations. This latest version of the MPX extender greatly expands the status

information available, enabling not only general troubleshooting of connections, but more specific details to ensure uptime and reliability. AV and IT managers can now connect to each individual transmitter and receiver to reboot, update, adjust the luminance and chrominance,



**Avocent's MPX1500T high-definition (HD) multipoint extender transmitter**

change the frequency the radio transmits, and various other tuning parameters.

## Shure Micro-Bodypack is Smaller Than Small

At Booth C3449 Shure is spotlighting the UR1M Micro-Bodypack. Offering superior wireless audio in an ultra-compact package that is about half the size of most standard bodypacks and weighing just three ounces with two AAA batteries, the UR1M is designed to be easily concealed and worn comfortably by actors, performers, musicians, and public speakers.

Operating with the premium Shure UHF-R wireless microphone system using the latest version of the Shure Wireless Workbench software, the subminiature device uses the patented Shure Audio Reference Companding technology to

deliver crystal-clear audio and a 60-75 MHz tuning range (region dependent)—twice that of any other bodypack on the market. Tunable in 25 kHz increments and providing a sum total of up to 3,000 selectable frequencies, the UR1M additionally offers: selectable 10mW or 50mW RF power; up to nine hours of battery life; audio level metering; a backlit LCD display.

During the manufacture of each UR1M, the circuit board is



**Shure's IRIM Micro-Bodypack**

pecially treated to greatly enhance the sweat resistance and durability of the device, allowing it to be worn close to the skin. As easy to use and setup as any other UHF-R Series product, the miniature bodypack complements its list of functional features with a choice of TQG or Lemo-3 connectors and selectable alkaline, lithium primary, or NiMH battery curves for accurate power metering.

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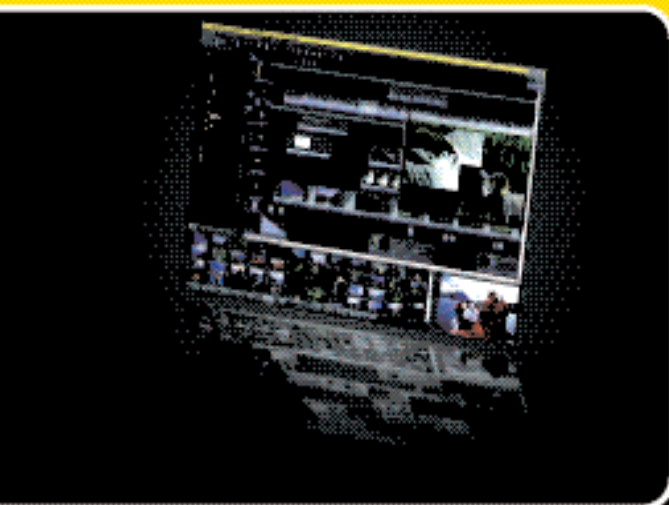
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# Kramer Introduces New HDMI Matrix Switcher

Kramer Electronics (Booth N5141) is introducing the VS-66HDMI high performance matrix switcher for HDMI signals. The product is a 6x6 HDMI switcher that re-clocks and equalizes the signal and can route any or all of the six inputs to any or all of the six outputs simultaneously. It is ideal for a wide range of Pro AV and residential applications.

The VS-66HDMI matrix switcher features Kramer's re-Klocking and Equalization Technology, which rebuilds the digital signal



**Kramer's VS-66HDMI high performance matrix switcher for HDMI signals**

integrity and enables it to travel longer distances. The unit also offers enhanced EDID (Extended Display Identification Data) handling. It can capture an EDID setting from a monitor connected to an output and store it

in non-volatile memory. The VS-66HDMI can then always output the best possible signal.

The VS-66HDMI offers a variety of control options, making it flexible for many different applications.

## Schuster to Salitek VP Post

Salitek (Booth N5260), exclusive importer of the Orion Infinite M-PDP video wall display solutions, is expanding its management team under the leadership of newly appointed vice president Vince Schuster, CTS. Schuster comes to Salitek with many years of Audio Visual industry experience, with leadership roles for a major national specialty value added distributor, manufacturers and a systems integrator affording him a well-rounded understanding of strategy and execution of vision. Joining the Schuster is John Shim, applications and support manager, who is a critical business thinker. "John has made significant immediate impact in the further development of Salitek's enhanced client relations and communication initiative," Schuster comments. "He is an asset to Salitek, providing fast and accurate response to inquiries and liaison to the Orion factory."

# 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

The clock is ticking. Even if the government opens a few UHF frequencies at the last minute, everyone agrees that in February 2009 the number of clear UHF channels will be severely restricted and even more crowded than they are today.

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## shownews

### Technologies for Worship Conference & Pavilion

Known for its high-quality technical education, the **Technologies for Workshop Conference** presents a forum for representatives from churches of all sizes to learn how they can maximize their outreach potential through technical knowledge. High energy seminars and workshops, hands-on technology clinics, all-day sessions, and an action packed exhibit floor pavilion are all a part of the Technologies for Worship Conference at InfoComm 08.

More than 25 in-depth workshops and seminars on topics including design, maintenance, audio, acoustics, projection, lighting, staging, streaming, dynamic presentations, team building, staff development and management started yesterday and will extend through Friday, June 20. To register for these workshops and seminars, visit the registration area in C-2.

During the Show, all attendees are encouraged to visit the **Technologies for Worship Conference Pavilion**, located in Central Hall 5, featuring several free hands-on technology training workshops including: *Digital Console Workshops, Analog Console Workshops, Location Lighting Workshops, The Quiet Stage, Remote Camera Training Bootcamp, Ear Monitoring 101* and *The Power of Video Presentations*. If you are interested in the worship market, the Technologies for Worship Pavilion is the place to learn about AV solutions.



## AKG Launches Wireless Microphone System

AKG Acoustics (Booth C3523) is introducing its new wireless WMS 4500 microphone system, offering improved audio capabilities flexible enough to handle multiple users and multi-channel applications. Like its predecessor the WMS 4000, the WMS 4500 offers a wide range of available components for operational versatility, but has been modified for more durable use and greater flexibility with wireless applications.

The WMS 4500 is available in two new frequency bands: Band 7 (500-530 MHz) and Band 8 (570-600 MHz) that offer more options for multi-channel systems in today's crowded RF environment. The system's components, the SR4500 receiver unit, the

PT4500 emitter, and the HT4500 handheld microphone unit all offer new features and sleek new construction.

"The WMS 4500 wireless microphone system is the next evolutionary step for our industry-leading WMS 4000 system," explains Klaus Hitzenberger, product manager, AKG. "We've made a reliable, versatile system even more so, and packaged it in a sleeker, more durable design."

The SR4500 receiver unit features adjustable backlight settings, a factory reset, and improved presets. The elegant new casing displays a stylish stage black finish. The receiver's internal software features AutoSetup settings for inter-modulation free

channel selection, EnvironmentScan settings for RF range scanning, and a RehearsalMode selection, which can be used to save system data during rehearsal set-up. Important settings like squelch threshold, carrier frequency selection, and the listed user name can be edited and stored with an easy-to-use menu.

The PT4500 emitter has also been redesigned to be even more rugged and able to withstand many years of rigorous stage use. The major electronic components housed in the upper portion of the unit-are



AKG's WMS 4500 microphone system

now encased in metal for improved durability. The bottom portion also features a new battery casing for easier access.

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## Neutrik Features Unisex XLR ConvertCon

How many times have you reached for a cable only to find it has the wrong XLR connector on the other end? In direct response to high professional and consumer demand, Neutrik (Booth C3657) is introducing a unisex 3-pin XLR connector, ConvertCon.

ConvertCon (NC3FM-C) is a new 3-pin male and female cable connector in a single housing. ConvertCon is also available with black chrome housing and gold contacts (NC3FM-C-B). By simply sliding the housing back and forth, ConvertCon



Neutrik's NC3FM-C female cable connector

is transformed from a male to female connector. This new male/female cable end XLR allows for use of one connector, as it can mate with either a male or female 3-pin XLR.

ConvertCon shares some of the features and benefits of Neutrik's best-selling XLR XX series. ConvertCon also features an improved chuck type strain relief that provides higher pull-out force and makes assembly easier and faster. ConvertCon's rugged zinc die cast shell ensures a long lasting and dependable connection, while its sleek and ergonomic design makes it convenient and easy to handle.

"Designing and manufacturing a unisex XLR connector was the natural next step for Neutrik," says Jim Cowan, president of Neutrik USA. "ConvertCon was specifically designed to offer the ultimate in convenience to our consumers. We really try to listen to our consumers' feedback—from the top integrators in the industry to each individual user—a unisex XLR connector was a consistent request that we have brought to reality."

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# HPG Gear Seals the Deal For FL Land Rover Dealers

It goes without saying that customers' expectations are highly dependent upon a system's intentions. "Very often when you are selling a package, in the beginning the customer doesn't have a full understanding of what it can do," considers John Teer, managing partner of Teer Engineering, which recently designed and installed a comprehensive background-music system for Land Rover Orlando. "But once the staff saw the system and heard it in operation for themselves, they

tended to have further ideas on how it should work."

"We selected Harman Pro Group (Booth C3523) products, including a BSS Audio Soundweb London BLU-16 Audio Processor, whose enhanced flexibility allowed us to customize pretty much anything that Land Rover Orlando wanted into user presets." The BLU-16 offers fully configurable analog/digital inputs and outputs, programmable routing and system equalization; the unit's open

architecture is also fully configurable through Harman's easy-to-program HiQnet London Architect software using an intuitive "drag-and-drop" interface.

Florida-based Teer Engineering developed a zone-based AV playback system that would fulfill Landover's exacting requirements. "General manager Sam Beauchamp and his staff had identified a number of discrete areas to be covered by the background music system," Teer explains. "They needed a flex-



**Harman Pro Group provided Teer Engineering with category leading A/V components to outfit Land Rover dealerships in Central Florida.**

ible system capable of covering multiple zones from multiple sources within the new 25,000 square-foot building. Sam also wanted to be able to host large events with audio from a number of plasma and LCD panels tied into the main BGM system."

JBL Control Contractor Series loudspeakers, BSS processing and Crown Audio amplifiers were specified to cover six primary zones: an Adventure Center within the main showroom, comprising an LCD screen and JBL speakers for continuous replay of videos about the Land Rover product line; a Main Lobby area, which features high, vaulted ceilings; a Customer Lounge; various sales offices; hallways and restrooms; outdoor patio areas; and a Training Area located within the main conference room.

## FogScreen Launches AV Integrator Partner Program

FogScreen, Inc. (Booth N7725) is launching a new partner program focused exclusively on AV Integrators. With the recent installation of dozens of FogScreens at numerous mega-projects worldwide, FogScreen, Inc. has developed a new partner program for fixed installations to complement its successful rental partner program. By teaming with the world's leading AV integrators, FogScreen, Inc. is extending its ability to supply larger and more complex projects with the design, support and product to create some of the most stunning effects on the planet.

"The market has shown us that this is the perfect time to introduce our new AV Integrator Partner Program," says Jordan Woods, president of U.S. Operations at FogScreen, Inc. "We have already had great success with our rental partner program and with integrators in cities across the globe, including Macau, Dubai and Zaragoza. By providing specific high-value benefits to AV Integrators, FogScreen has now made a commitment to the marketplace to actively support partner channel sales for large projects."

Current AV Integrator Partner Program benefits and features include: Two levels: Premier and Preferred; training and professional documentation; technical support; website promotion; significant discounts.

### The Heart of any Professional Audio System

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# ClearOne

## Premier Mounts Shows 103-Inch Suspension Mount

Combining practicality and innovation, Premier Mounts (Booth C2411) 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.

Designed and fabricated by Premier's custom division, Premier Dedicated Solutions (PDS), at the request of Simon Property

Group, Inc., the 103-inch suspension mount is in use at several retail properties at the Westchester Mall in White Plains, New York and Newport Center Mall in Jersey City, New Jersey.

"When we decided to create a custom mount for the 103-inch displays for Simon Properties, we needed to find the most efficient and less intrusive way to mount them," says Rich Pierro, operations manager at Premier Mounts. "In order to have the maxi-

mum impact, we needed to find a reliable yet appealing mount."

Placement into a finished space such as the Westchester Mall and Newport Center Mall required a unique installation method. At these locations, cables were pre-hung to the supporting structure, allowing integrators to assemble and connect the mount to the display while it was on the ground. Integrators then raised the display and connected the cables to the mount. Once hung,



Premier Mounts' 103-inch suspension mount

the final connections were made for power, signal and sound before attaching all covers to the mount for an aesthetically clean appearance.

The 200-pound Suspension Mount has a maximum weight capacity of 1600 pounds, and includes: cable management system concealed by outer covers; locations for both an outlet box and magenta box in lower cover assembly and optional speaker brackets. Redundancy is built into the design with two sets of mounting points that allow for a second set of safety cables.

## Electrograph Features New Products, Accessories

Electrograph Systems, Inc. (Booth C1230) is capturing the excitement of InfoComm 2008 with a fresh exhibit of the industry's hottest new products and accessories. Attendees won't want to miss the chance to "experience" the latest plasmas, LCDs, projectors, digital signage options and peripherals all in one booth—and all available through one distributor.

During the show, attendees will have the opportunity to learn from Electrograph's knowledgeable staff in order to make better buying decisions and bring more profit to their installations. Electrograph booth highlights include Avocent's new wireless distribution offering and projector tents with the latest products from Panasonic, Sharp Pro and NEC. All attendees who visit Electrograph during the show can enter to win a display each day.

Electrograph also is showcasing the latest displays and accessories from Belkin, Crown Audio, LG, Samsung, Sharp, Sony and more.

### quickhits

**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. For the first time ever, memory card owners, USB users and DVD/CD users can deploy this single "universal" duplicator to take charge of all their copying needs.

## Who Knows What Media Can Be Transported At The Speed Of Light? Shadow Knows.

It's practically supernatural. Light-speed transport of virtually every type of media, extensive matrixing capabilities, flexible modularity, ultimate redundancy and the ability to interface with a vast range of consoles and other devices.

Capable of transporting (256) channels of bi-directional matrixed audio at speeds up to 192k, or various combinations of bi-directional audio, intercom, video and control data, Shadow knows the solution. Pristine transformerless remotely controllable mic-pre's, multiport routing technology and a user-definable PC/MAC software control program.

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## Auralex Offers Free Large Room Analysis Form

With the success of its free Personalized Room Analysis Form, providing one-on-one expert acoustical advice, Auralex Acoustics (Booth C4984) is taking its solution one step further by now offering a free Large Room Analysis Form. As the industry leader in innovative sound control solutions, Auralex can now offer the same free acoustical analysis, which includes product recommendations and placement, to customers facing the challenges of larger spaces, such as churches and gymnasiums.

Customers can download both the original

Personalized Room Analysis and new free Large Room Analysis forms as PDFs from Auralex's home page ([www.auralex.com](http://www.auralex.com)) or can call Auralex directly to have a copy of either form faxed. Once the form is downloaded, customers must print it out and fill out all sections. The more information included, the more accurate the recommendations from Auralex's expert engineers.

Auralex's Large Room Analysis Form is specifically meets the needs and acoustical

challenges of larger spaces and sanctuaries, in terms of seating type and capacity. These projects will also be handled by a large room analysis specialist that has experience in working with these types of larger installs.

After Auralex receives the requests, they are sorted geographically and routed to the appropriate consultant. Within two to three business days, an Auralex consultant will review the information and formulate suggestions for Auralex products and their suggested

placement in the room(s). Products can then be purchased through any of Auralex's hundreds of Authorized Auralex Dealers.

Due to an ever-growing demand for acoustical assistance and the popularity of Auralex products, its free Personalized Room Analysis is limited to a maximum of two hours of phone discussions, e-mails and/or faxed correspondences. This is necessary to ensure that Auralex can assist everyone in a timely fashion. If your product application support needs exceed this limit, an Auralex representative will contact you directly to discuss additional options.

## Swedish Bookstore Giant Keeps Edge With Scala DS

Akademibokhandeln (Academy Bookstore) is deploying a Scala (Booth N6931) digital signage network in 62 bookstores across Sweden.

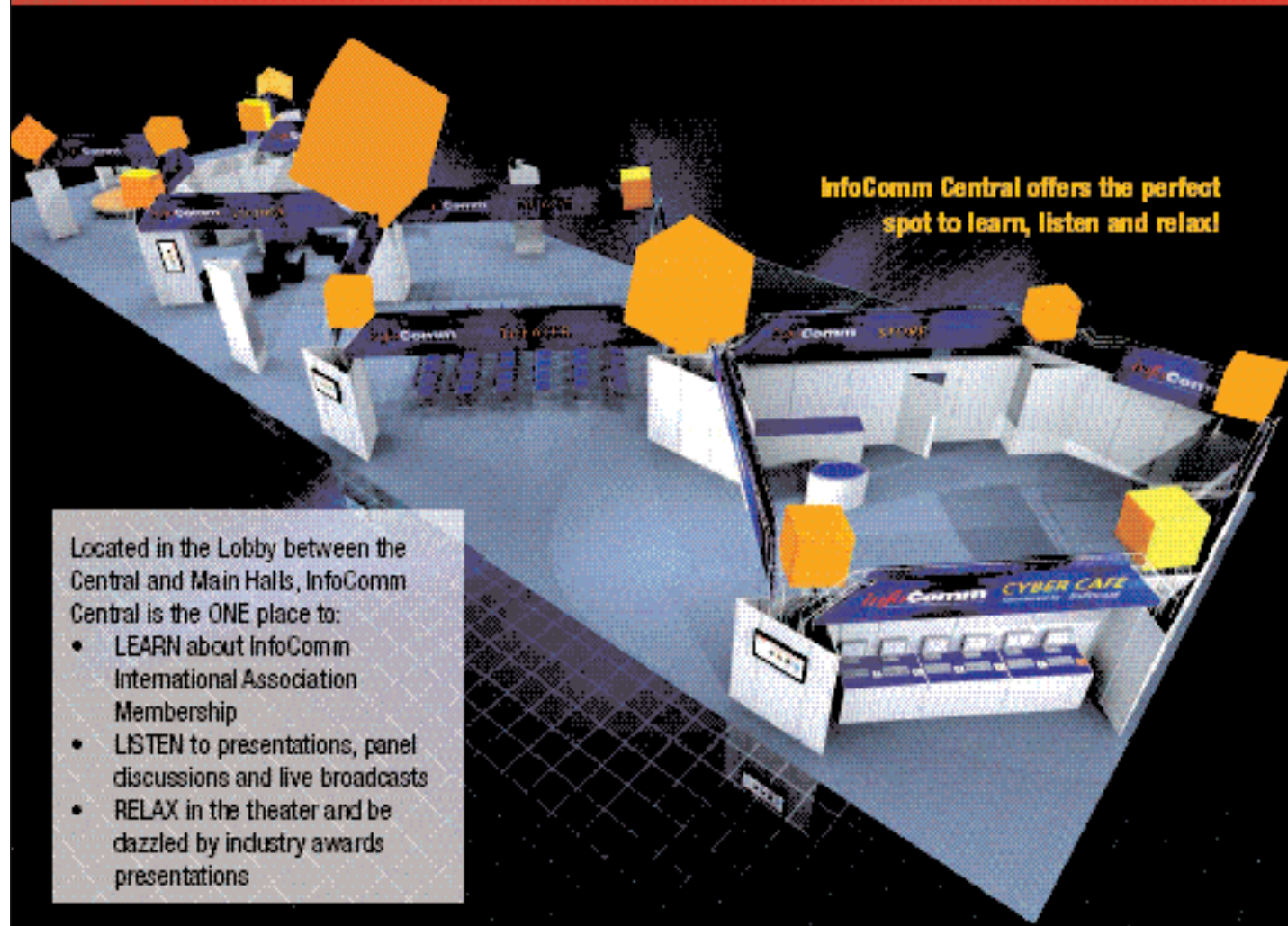
Akademibokhandeln is Sweden's largest bookstore chain. With 700 employees across 62 stores across Sweden, Akademibokhandeln commands 30 percent of the bookstore market in Sweden. Stores are located in most of Sweden's largest cities, often near higher education centers. Akademibokhandeln is the country's most comprehensive book seller with over one million titles in various categories including entertainment, information and development etc. They also offer this wide range of titles at their internet store. Each bookstore caters to local market demands.

The impetus for adoption of digital signage was to ensure their ongoing leadership in their marketplace. By implementing technology and presenting the company with a new image, Akademibokhandeln wanted to be the first bookstore company to adopt digital signage in their industry. The goal of the network was to promote the products and services available in the bookstore and respond to the demands of their customers.

Sweden's largest bookstore chain, Akademibokhandeln, is currently rolling out the next phase of its digital upgrade program for all its stores. The in-store signs and displays are being supplemented with a digital signage network that opens up new possibilities for communicating with employees and customers alike.

The Akademibokhandeln store in the "Skrapan" shopping center in Södermalm, Stockholm has been the project's testing ground. It now has 42-inch screens installed in its new Film & DVD department and smaller 19-inch screens on its line of checkout desks. Mobile units, installed into a bookshelf with wheels, are strategically placed throughout the store for special promotions or to highlight special departments.

# InfoComm Central



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- RELAX in the theater and be dazzled by industry awards presentations

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## Vutec Puts 2 Screen Formats in 1 Housing

Vutec's Vu-Flex Pro Duplex screen, using patented technology that has been engineered to accommodate any two screen formats into one housing, features a Green/Blue Chroma Key Screen Option. The adapted model is featured at Booth C1217.

Chroma Key is a technique for mixing two images together, in which a color from one image is removed (or made transparent), revealing another image behind it. This technique is also referred to as color keying,

greenscreen or bluescreen.

It is commonly used for television weather forecasts, in which the meteorologist appears to be standing in front of a large map, but which in actuality is a large blue or green background.

In video conferencing, Polycom uses chroma green key technology to bring creativity to any training, presentation or remote video conference via its People On Content HDX system. Presenters can step inside their pre-

sentation, giving the illusion they're on-location. Backgrounds can include movie clips to detailed pictures to CAD drawings from any video source connected to the HDX system. It receives People On Content from any ISDN or IP video conferencing system and viewers see the presenter and content on a single screen.

Vutec perceived the need for a screen



Vutec's Vu-Flex Pro Duplex screen

with a front surface and a chroma key screen—either green or blue—with two separate screens in one housing. Depending on the need, push a button and one of the two screens comes down.

The Vu-Flex Pro Duplex model offers dual retractable 4:3, 16:9 and 2.35:1 screen formats. Eliminating the need for extra housing, the screen is conveniently designed with a quiet motor-in-roller, trap doors, dual channel IR remote and uses self-supported fabrics. Engineered for ceiling mounted applications, Pro Duplex offers a wide variety of options, including custom screen sizes and formats.

## Allen & Heath iDRO Extends iLive Digital Family

Allen & Heath (Booth C3908) is adding iDRO, a new processing unit, to its iLive digital mixing system, and releasing iLive System Software v1.2.

Now shipping and available in the US, the iDRO is a 2U rack unit that provides all the processing features of the iLive system for networked audio systems. Instead of slots for I/O modules, the iDRO offers two EtherSound ports, which provide all the audio inputs and outputs of the system. It provides a cost effective and compact solution to users who wish to mix common sources for different applications such as FOH and Monitor, or need an additional mix for broadcast or recording that allows full processing and mix capability with the source material.

The iDRO unit is modular and uses the same processing PCBs as the iDR10, the "mix rack," which provides I/O and all processing and mixing functions with the current iLive system. Processing for 64 inputs, with full dynamics and EQ, into 32 mixes with dynamics, EQ and graphic EQ is provided, and can be controlled by any of the iLive surfaces over Ethernet. Provision is also made for the back-up power supply unit, iPS10, if required.

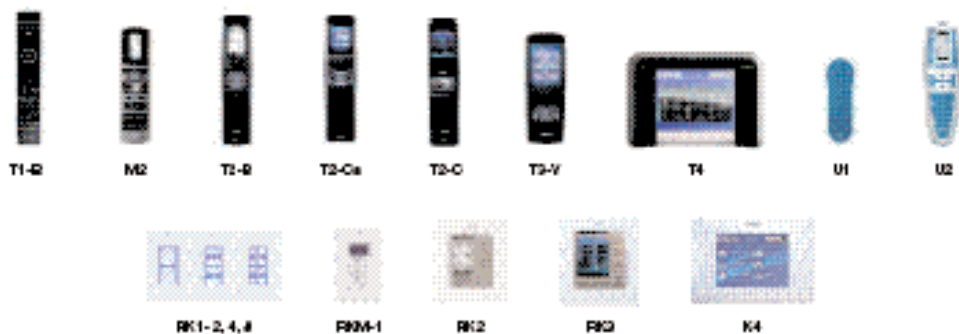
iDRO includes the new "iDR-64 Mix Engine Rack Extra" PCB, which provides the digital signal processing capability for the rack, offering eight effects engines, which can run system effects or can be inserted into input or mix channels.



Allen & Heath's iDRO mini rack



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## FiberPlex LightViper Casts a 'Shadow'

FiberPlex, Inc. is at Booth C4187 introducing the company's new LightViper "Shadow," a combined media fiber optic transport system. The Shadow is designed for live sound and broadcast production, fixed media installations and remote recording applications. The 2.5-GHz system will handle a variety of media, including audio, intercom, Ethernet, RS422/232/485 control, composite video (EIA-250C) and TTL data. With optional component modules, DMX lighting control, MIDI,

CANBUS and other control data can also be handled.

The Shadow's modular components may be used independently or in combination to achieve a virtually unlimited variety of system designs for transporting various media data over a fiber optic network (up to its maximum 2.5-GHz bandwidth with a total of 256 bi-directional audio channels at speeds up to 192kHz).

Components include the MP16 Audio

Module and the STP64 Combined Media System. The MP16 is a 16-channel, 19-inch 2U rack-mounted, bi-directional audio matrix

module that includes 16 remotely-controllable mic preamplifiers; The STP64 is a 19-inch 8U rack-mounted system that incorporates 64 channels of bi-directional matrixed audio with 64 remotely-controllable mic preamplifiers; an eight-channel intercom (RTS, Clearcom and 2- and 4-wire compatible); two independent channels of 10/100 Ethernet with 1 GHz switches; one channel of bi-directional distributed EIA-250C composite video;

eight "CCI" (configurable communication interface) ports for RS422, 232 or 485 data; and four (4) TTL data ports. The system offers the ability to select simple preset system configurations controlled from the front panel—without any need for a computer. However, when users need more extensive system control, they can use the Shadow's GUI software running on a laptop computer (PC or Mac OS) via a "SPSC" Ethernet link.



Fiberplex's LightViper 'Shadow,' a combined media fiber optic transport system

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## LG Electronics LCD HDTV Eliminates the Clutter

LG Electronics' (Booth N5941) 42LB5DC delivers startling picture clarity and employs MPEG-4 H.264 decoding technology to create a superior entertainment environment by providing compatibility with more than 150 national HD channels, and 1,500 local broadcast HD and digital channels being launched by DIRECTV. This offering delivers enormous entertainment quality and flexibility to guests at hotels where HD programming is available, and by building the technology into the 42LB5DC, LG has eliminated the need for extra set-top boxes and the associated cable clutter.

It also has built-in pay-per-view capabilities, including HD VOD PPV encryption, and is equipped with the Pro:Idiom Digital Rights Management System, which unlocks access to premium content and assures rapid and broad deployment of HDTV and other high-value digital content. Pro:Idiom is the industry leading DRM system for the hospitality market, and is embraced by content providers from both PPV and VOD services because it is virtually impossible for anyone to tamper with or remove its components.

Other features include Picture-in-Picture and Split Screen capabilities that give lodging guests the benefit of watching multiple programs simultaneously. The LCD HDTV



LG Electronics 42LB5DC LCD HDTV

also has channel labeling, EZ Menus and Scans, as well as an auto volume limiter so guests in other rooms are not bothered. Its "3D EchoSound" functionality has 20 watts of audio power delivered through four two-way speakers to produce powerful sound for crystal clear listening enjoyment. The 42LB5DC incorporates LG's In Plane Switching (IPS), which automatically reduces the distortion and blurring commonly caused by fast motion video, and provides a viewing angle of up to 178 degrees, one of the industry's widest.

Complete with LG's exclusive XD Engine technology, low-resolution analog signals are transformed to near high-definition levels providing consumers with an enhanced overall picture quality and viewing experience.

## Chief Sponsors HD Showcase

Chief Manufacturing (Booth C1224) is an equipment sponsor of the HD Conferencing and Telepresence Showcase at InfoComm 2008.

The HD Conferencing and Telepresence Showcase will give attendees firsthand experience with hot technology showcasing the latest in HD conferencing and telepresence systems. Chief is donating wall mounts, floor stands and shelving systems for LCD screens that will be used in a telepresence demonstration. Chief provides a variety of products that can be used for videoconferencing, including Carts and Stands and Flat Panel Wall Mounts. Chief also has a full line of accessories including speaker accessories and a Video Conferencing shelf accessory.

The HD Conferencing and Telepresence Showcase runs on show days, Wednesday, June 18 through Friday, June 20, from 9:00 a.m. to 5:00 p.m. (until 4:00 p.m. on Friday).



Chief's MF1 screen



## Gepco Spotlights V-CON Connector System

Gepco International (Booth C3419) is introducing its V-CON Connector System. Designed to withstand the harsh environments posed by staging, remote and touring applications, the V-CON system provides the bandwidth and electrical performance for multi-channel HD interconnects in a durable, all-weather design.

The core of the V-CON system, Gepco V-CON connectors feature an all-metal body, locking set-screw, and integrated cord grip-

all in a weather-tight design. The 3GHz coaxial elements are constructed from stainless steel and 50u gold-plated contacts to prevent corrosion and ensure long mating life. Through a configurable insert, the V-CON connectors are available in three- to six-channel versions, as well as 10-, 12- or 16-channel versions. This performance and flexibility enables V-CON connectors to be used for both component video and high-density, uncompressed HD video applications.

"Using feedback from users in the field, our V-CON connector system was designed to meet the specific needs and demands of portable and staging applications," says Gary Geppert, Gepco's founder and CEO/CTO. "The rugged design of the V-CON ensures consistent and reliable matings. Designed as a complete system, the V-CON series of products provides users with a



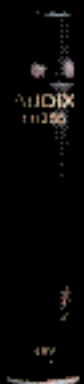
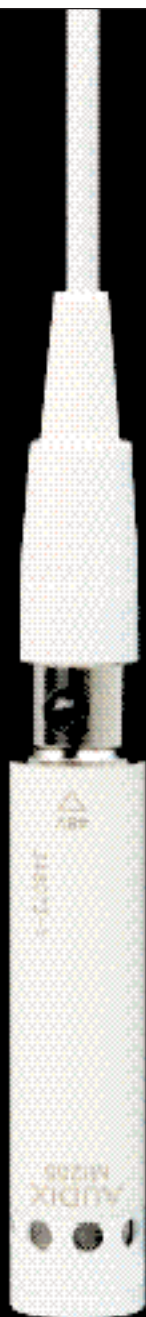
Gepco's V-CON connector system

turnkey option for the distribution of multi-channel video."

Built in a heavy gauge aluminum chassis with a recessed top plate, the V-CON breakout boxes provide exceptional durability and connector protection. For easy access and patching, each coaxial channel in the V-CON connector is wired to a female BNC connector. Breakout boxes are available in a variety of channel versions.

## Introducing The Audix M1255 MINIATURE HIGH OUTPUT DISTANCE MIC

The M1255 is a fully integrated miniaturized condenser microphone designed for distant miking installations. Ideally suited for overhead ceiling applications such as teleconferencing or boardroom meetings where sensitivity, output level, and fidelity are key issues. Available in black or white.



**Very High Output - 34.5 mV / Pascal @ 1k**  
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## Roland Systems Group Updates V-Mixing System

Roland Systems Group (Booth C2870) is introducing a new software release for its popular RSS M-400 V-Mixer Digital Console. In direct response to feedback from a rapidly growing customer base, the Version 1.5 update 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; addition of numerous shortcuts for faster access and rapid setup; numerous user interface enhancements for accelerated workflow and ease of use.

"We are very pleased that we have been able to facilitate such a tight connection between our growing user base and our engineering team," comments John Broadhead, VP of technology and communications for RSG. "The tremendous success of the V-Mixing System launch in December 2007 brought a lot of users on line quickly. We actively sought out feedback from all users and our engineers responded. We are thrilled with the turnaround time our team pulled off providing so much so quickly."

In July the free software update will be available for download from [www.vmixingsystem.com](http://www.vmixingsystem.com). Users can download the update to a USB flash key and simply execute the system update function found in the M-400 V-Mixer System.

The RSS V-Mixing System incorporates the RSS M-400 Live Digital Console, configurable digital snakes with high quality remotely controlled mic preamps, and a multi-track recording option (SONAR REAC Recording System). This fully digital system eliminates the bulk and noise susceptibility typically associated with analog snakes and replaces it all with Cat5e (Ethernet/LAN) cable or fiber.

## Middle Atlantic Shows New Ventilation System

Although Middle Atlantic Products (Booth C3403) originally designed the new Duct Cool Series ventilation system for the residential installation market, potential customers quickly noticed that it solves a tricky cooling problem in AV applications as well.

The key to this insight was the realization that the problems with cooling equipment in residential installations are similar to AV facilities. Both may not have dedicated spaces, be cramped for space, and use equip-

ment that generates significant heat.

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. For example, projectors are noisy, produce a lot of heat and are often mounted in the same room as the meeting or audience. By boxing the projector and using a Duct Cool system,

the projector noise is reduced and the generated heat can be removed, benefiting both the installers and the users.

The Duct Cool vent system fan can be mounted remotely—12 to 25 feet away is the recommended distance—without significant loss of performance. It can also be mounted directly on a rack enclosure with an optional Top Mount. A temperature probe and thermostatic control save energy by only running the system when needed.



Middle Atlantic's Duct Cool Series ventilation system

The two primary components of the system are a powerful mixed-flow fan assembly and 25 feet of either four-inch or six-inch ID (inner diameter) insulated flexible ducting depending on the model. Duct Cool is also unique in that it is supplied as a complete kit with attachment hardware, a special high-strength mounting plate, a temperature probe, and an air intake assembly.

## Klein + Hummel Showcases Installed Sound Speakers

For more than 60 years, the Klein + Hummel (Booth C3475) name has maintained an excellent reputation for its studio monitors and many other installed sound products developed exclusively for the electro-acoustic industry. Although the high-end sound reinforcement specialist has already been designing and manufacturing installed sound-oriented products for many years, its comprehensive new line of installation-ready systems and speakers makes Klein + Hummel a permanent fixture in the installed sound market.

The new line, which includes the full series of Installed Sound (IS) speakers, the K8 digital audio distribution system, the visually appealing new CLS Series slim line speakers, the PAS 100 indoor/outdoor portable speaker, and the KPA Series of audio power amplifiers, to name a few, premieres at InfoComm08. While it appears the progression to installed sound-oriented products was a natural one, the Klein + Hummel team, in fact, followed a very focused approach, relying on the needs and feedback from its valued customer base.



Klein + Hummel's new IS speakers

## 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.



Discover why your best projector choice is EIKI. Join us at the EIKI Exhibit, booth N5101 (North Hall) at INFOCOMM, Or visit our website [www.eiki.com](http://www.eiki.com) or call 1-800-932-8703.

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## New Rane Remotes Enhance CobraNet

CobraNet revolutionized the distribution of audio in large-scale venues. However, since CobraNet is based on multiple virtual bundles of eight audio channels, it is generally too expensive to use in transporting small numbers of audio channels. Rane's (Booth C3932) new Mongoose and Rad Remotes solve these problems (along with a few others) by converting audio to or from digital at the wall plate and transporting it over CAT 5 cables. It allows the user to route these remotes to or from CobraNet and aggregate audio channels for full bundle utilization. Mongoose provides significant reductions in cost, labor and set up: \*CAT 5 cable instead of more expensive mic cables; \*automatic self-testing of cables and remotes; \*eliminates EMI and ground loops; \*allows hot-swapping of RAD remote wall plates; \*crimp-on RJ-45 connectors rather than soldering XLRs.



### Rane's Rad Remotes

group of 16 input channels comes from two eight-channel CobraNet receive Bundles via CobraNet Primary and Secondary/backup ports. The 32 matrix router outputs 16 channels to eight RADs and 16 more channels to two CobraNet transmit Bundles.

RADs convert analog audio to and from 24-bit, 48 kHz digital audio and mount in standard US electrical gang boxes.

Mongoose's 32-by-32 matrix router receives 16 audio channels from eight RADs via eight 8P8C (RJ-45) RAD ports. The second

## Kaltman Solves 2.4GHz Mysteries

Kaltman Creations LLC (Booth C4366) is expanding its line of RF Spectrum Analyzers. The expansion includes the addition of a new 2.4GHz RF Spectrum Analyzer software package and a 2.4GHz, 11-channel signal generator. Called the AirSleuth Pro and AirHorn (respectively), these products are designed for technicians that install, test, troubleshoot, analyze, and optimize 2.4GHz remote control equipment and wireless networks.

Mark Kaltman, president of Kaltman Creations, states, "On-site installers and service technicians often rely on 'blind



A 2.4GHz RF Spectrum analyzer software package and 2.4GHz, 11-channel signal generator have been to Kaltman Creations' RF Spectrum Analyzers

faith' when it comes to the set-up and performance of their wireless 2.4GHz equipment. The AirSleuth Pro and AirHorn are affordable solutions which take the mystery and guesswork out of the equation."

The AirSleuth Pro allows the user to view 802.11 Wi-Fi channels 1 through 11 individually or simultaneously with Peak, Average, and Raw trace modes. There are 10 powerful diagnostic modes including Traces, Spectrogram, Channel Time Course, Differential Channels, and Pie Charting.

## AV Systems Rack Integration Challenge

Stop by Central Hall 2 to see InfoComm's AV Systems Rack Integration Challenge, a 12-hour contest to design and build a fully operational AV system. Enter to win the contest's winning rack system valued at \$25,000.



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## AM&S Adds Wharfedale Pro to Pro Audio Family

American Music & Sound (Booth C3908) added Wharfedale Pro to the AM&S family of brands effective May 1. Celebrating 75 years of producing the finest loudspeakers, Wharfedale Pro joins AM&S with a full lineup of powered, passive, and install loudspeakers as well as rock solid amplifiers, mixers, and studio speakers.

"Wharfedale Pro is a fantastic addition to our Live Sound and Sound Reinforcement offering," states Lynn Martin, president of American Music & Sound. "They bring an

historic brand legacy and couple that with state of the art manufacturing techniques making Wharfedale Pro a tremendous opportunity for dealers, sound companies, consultants, and installers in the U.S."

Daniel Chang, Wharfedale Pro's managing director, offers, "American Music & Sound's distribution network and expertise in Pro Audio markets is perfect for our products. We are very excited to be teaming up with AM&S."

AM&S's Scott Messler has been appointed national sales manager for Wharfedale



The AM&S/Wharfedale Pro logo

Pro. With a long history in pro audio, sound reinforcement and install markets, Messler is well positioned to expand Wharfedale Pro's reach in the United States. Since 1932, Wharfedale has been at the forefront of loudspeaker technology. The new Titan 8 by Wharfedale Pro combines a titanium compression driver and a heavy-duty cast-frame woofer to ensure absolute accuracy, high output, and the smooth, wide dispersion of the critical mid and high frequency ranges.



## 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.

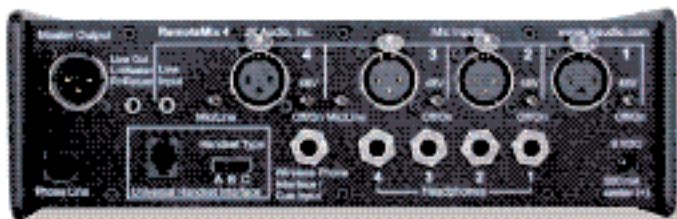
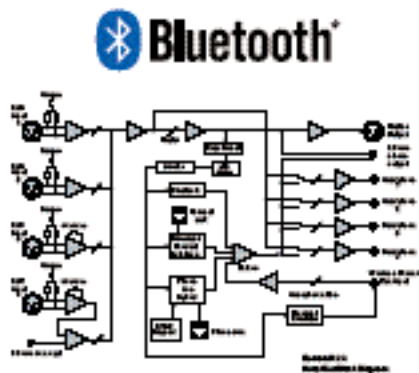
More than a field mixer, this is a communications interface. Route your mics through RemoteMix 4 and out to the PA or tape while also providing feeds to any or all of the four telecom interfaces.

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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## Power Amp Education Via Crown

Learn to be an amp power user.

Choosing the right power amp for the job involves a lot more than comparing power specs. This free class provided by Crown Audio will help you master the art of amplifier selection. Join Crown at the Renaissance Las Vegas Hotel for a morning seminar. Often-overlooked features and benefits of the various amplifier classes and technologies-and the choices that can ultimately make or break your system will be the focus of discussion. Not just for Crown amplifier customers, this information for consultants applies to any brand of power amplifier.

What you'll learn: \*Amplifier history; \*Amplifier classes (A, B, AB+B, D, I, and so on—advantages and disadvantages of each); \*Class-I technology and benefits; \*Performance comparisons—choose the right amp based on specs, efficiency, weight, cost and features; \*Power requirements—based on venue size, speaker sensitivity, and ambient noise level; \*Application tricks, tips and techniques; \*Q&A.

Presenters: Marc Kellom, VP of marketing, Crown Audio; and Scott Potosky, VP of engineering, Crown Audio. Kellom now heads the Crown Marketing department after serving as a Crown Product Development Manager. He has been with Crown since 1994. Potosky has enjoyed a 22-year tenure with Crown and previously also served as a Crown Product Development Manager.

**When:** Thursday, June 19

**Where:** Renaissance Las Vegas Hotel, 1/4 mile from the Las Vegas Convention Center

**Time:** 8:30 a.m.-Noon. Free breakfast provided.

Seating is limited, so reserve your seat today. Go to [www.crownaudio.com/masterclass](http://www.crownaudio.com/masterclass)

## Magenta at 10

Magenta Research (Booth N6362) is celebrating its 10th anniversary. Magenta was formed in 1998 when co-founder and current CEO Keith Mortensen spun off the new company from Micrognosis, a financial trading floor switching systems company. Originally envisioning a market for KVM over UTP technology, a field that Magenta served in its early years, the company quickly migrated its technology to fill a perceived void—and a brand new opportunity—in the (then) fledgling digital signage market. 1999 saw Magenta release its first-generation MultiView product, which offered high-quality XGA transmission over UTP capability. "We had to put in a lot of time and effort to educate people on our technology," Mortensen says. "That's why we feel comfortable in saying we showed the world that high-resolution video over Cat5 was possible!"

## 1UControl Shows Component Control

1UControl (Booth N6967) is a complete AV component control system in an easy to use software system consisting of the company's 1UClassroom and the optional (1UAdministrator) software.

1UControl maximizes the benefits of using DVD/CR, document cameras, LCD, plasma displays, projectors, Internet, streaming media and PC applications such as Microsoft PowerPoint and Excel to present a curriculum.

Features include: MPEG 1, MPEG 2, MPEG 4, Windows Media Player (Streaming Appliance Capable), WinTV Video Capture (Record/Play/Capture), Global Cache IR Controller Ready (Static and DHCP Type), Virtual Onscreen Remote with unlimited

Device Configurations, 16 sub function buttons per device, eight IR and Serial commands per "Device Virtual Remote" Button click, support for serial commands in ASCII and or Byte mixed modes, Built-in IR Command Teacher (just add Global Cache's IR Learner Unit), 12-button programmable whiteboard interface, programmable all-call network announcements with support for streaming media on the network. Programmable building or room (Auto Power on/off features), system setups can be saved and deployed to other PCs in seconds.

The 1UControl system is in use in classrooms, boardrooms, restaurants and many other multi-source control environments.

## RTS Unveils New Color Display Keypanel

With the introduction of the KP-32CLD, RTS (Booth C3429) is bringing to market the flagship product of a new RTS keypanel. This innovative solution addresses both the primary needs and advanced features required by different customers for finer control of keypanel functions. The KP-32CLD uses a 4.9-inch, full-color LCD display to provide feature-rich operating functions. The KP-32CLD also boasts an ergonomic design with a flat front panel that fits flush within a rack-mount configuration.

The new color display allows for a rich, modern, and user-friendly interface. The flat front panel is ergonomically designed to fit easily into any control room or truck application. Thirty-two multi-directional keys are used for talk, listen, and emulation of traditional LCP control function. The KP-32CLD is designed to allow for an expansion panel, program assign panel, and optional connections to the matrix. It supports today's and future transmission formats.

The KP-32CLD allows up to six auxiliary

inputs, independent digital gain control for microphone sources and configurable audio routing. The keypanel has its integrated level control per key, which allow the user to adjust the listen volume on an individual basis. DSP Processing includes Acoustic Echo Cancellation, Equalization, Mixing, Filtering and Metering. The unit includes a USB connector for future expansion and other planned interface features already integrated.



RTS's KP-32CLD Color Display Keypanel

## Fleetwood Expands Reply Response System Line

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

Reply Mini Model CRS5000 is a miniaturized version of the Reply (Worldwide) keypad that is being used extensively in interactive meetings, special events, and other feedback activities that the audiovisual industry commonly classifies as "audience response," "group response" or "interactive voting."

"We were asked by meeting services professionals to build something that's foolproof for novices to operate, easy and cost effective to transport, and inexpensive to purchase. As usual, we were asked to make it compatible with our legacy hardware yet be just as rugged. Based on initial response, we think we hit the mark with Reply Mini," says Heather Waller, Fleetwood's Reply System sales manager. "This new system is ideal for the majority of audience response events that still employ multiple choice questions."

## A Samson Giveaway

The Zoom H4 Handy Recorder is a versatile tool for every install and sound contractor working today. Stop by Samson (Booth C3685) and Performance Audio (Booth C3886) and you can win one.



Samson's Zoom H4 Handy Recorder

Samson and Performance Audio will each be giving away an H4 recorder at the end of the day for the duration of the show. To win, simply stop by the booths, drop a business card in the bowl and get your badge swiped.

The H4 records at rates as high as 24-bit/96kHz or as low as MP3 32 kbps and comes with a 512MB Secure Digital (SD) card. Now accommodating up to an 8GB card, you get 754 minutes of CD quality audio or a staggering 278 hours in MP3 (64kbps) format. Powered by two AA batteries, the H4 provides over four hours of continuous recording.



Booth C3519



# Communicate

## The Optiva® Series - Professional Media Transport

Opticomm, an Emcore Company, offers an extensive array of video, audio, data and RF communication solutions utilizing fiber optics or ethernet. Opticomm's advanced technologies serve both analog and digital requirements, providing flexible, cost-effective solutions for short or long distance signal distribution.

## BroadSign Suite 6.1 Has New Features and Enhancements

BroadSign International Inc., (Booth N6415) is releasing the next version of the acclaimed BroadSign Suite, designed to further facilitate buying screen time on digital signage networks. The application also offers more flexibility in creating content playback schedules.

Using BroadSign Suite 6.1, network operators can satisfy the most demanding advertisers by generating media buyer-friendly documents such as insertion orders, campaign progress reports and affidavits.

BroadSign Suite 6.1 includes a range of new features requested by client networks, as well as other enhancements dictated by the fast-paced evolution of the digital out-of-home market.

Digital signage networks can now price advertisers' campaigns and justify their billings more precisely, using a dynamic rate card tool built into the software interface. Operators can set up a network rate card by entering a price value per ad repetition or per impression, and then easily calculate the total cost of a campaign. The rate card also

makes it easy to estimate CPM values, for comparison to other media and ROI analysis.

Other new features include "3rd-party ad triggering," which allows specific ads to be played if certain conditions occur, such as a change in weather or product stock volume; customer touching an interactive screen or a button, emergency alarms, etc.

"Our commitment to client networks is to constantly analyze market feedback and come up with more powerful versions of our flagship technology, so our customers always have access to the latest innovations," says David Womeldorf, executive vice president of Worldwide Marketing and Products of BroadSign International. "Being a SaaS corporation, we also ensure that each software upgrade is backed by a new level of excellence in support and maintenance services."

All digital signage networks currently using BroadSign Suite will be upgraded to the new version remotely, and at no additional cost.

## Peerless Unveils SlimLine Universal Mount Solutions

Peerless Industries, Inc. (Booth N5115) is showcasing its ultra-thin Slimline universal mounting solutions. At only 0.4 inches thin, these mounts bring a screen closer to the wall than any other product in the industry.

The new Slimline ultra-thin 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. And with up to 150-pound UL-tested load capacity, the Slimline mounts can even handle the weights of standard flat panel LCD and plasma TVs on the market today.

These universal ultra-slim mounts are also uniquely easy to install, thanks to their horizontal and vertical screen positioning adjustments, and an industrial-strength Velcro(r) latching system for a fast and secure installation. Once the mount is

### Peerless's SlimLine ultra-thin universal mount

installed, simply press the TV down to engage the Velcro latching system and rest assured knowing that it will not be accidentally moved from its set position.

Peerless' Slimline mounts include three universal sizes for TVs up to 60 inches. The line is complemented by an in-wall AV accessory box to allow electrical outlets, cables and plugs, power conditioners, etc., to nest neatly behind the mount's 0.4 inch profile, completing a clean and clutter-free installation. For concrete, brick or other surfaces where internal cable management isn't an option, Peerless offers an on-the-wall cable management system and shelving

units to hold AV components.

"We didn't just design a thinner bracket," says Adam Molberger, product manager, Peerless Mounts. "We designed the world's thinnest universal flat panel mounting system."



DA-LITE

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BOOTH C1156

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## Hitachi Showcases Bundled, One-Stop Solution

Hitachi Software Engineering America, Ltd. is at Booth C914 showcasing its CP-A100+FXDuo Bundle, offering a one-stop solution for systems integrators, educators and presenters.

The CP-A100+FXDuo Bundle combines the Hitachi CP-A100 ultra short-throw projector, the Hitachi FX Duo interactive whiteboard, and a custom-designed wall mount all into one seamless solution. Mounted on the wall arm at the top of the board, the CP-

A100's short-throw capability greatly reduces the shadow cast on the FX Duo from the presenter and offers a better viewing experience for students and audiences.

"We developed the CP-A100+FXDuo Bundle to offer the best possible interactive experience for presenters and educators," says John Glad, product manager for Hitachi Business Group. "There are so many choices when it comes to presentation technology, and not everything will work together seam-

lessly. By combining our industry-leading short-throw projector and our revolutionary FX Duo 77 whiteboard with a dedicated, custom-developed wall mount, we take the guesswork out and ensure the very best experience with minimal effort."

The CP-A100 boasts an extremely short throw distance of 60 inches at 1.4 feet, preventing shadows from interfering with the image and keeping light from shining in the presenter's face. The versatile CP-A100 is



**Hitachi's StarBoard FX Duo 77 is included in the CP-A100+FXDuo Bundle**

mounted in an inverted position on bundle's custom mount, which allows fine-tuning adjustment for perfect alignment with the FX Duo 77.

The FX Duo 77 allows two users to work simultaneously on its surface and gives educators and corporate presenters a whole new range of possibilities. All electronics on FX-Duo 77 interactive whiteboard are contained in a pod located at the top of the unit, keeping the actual surface electronics-free and therefore, more durable.

# 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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- 16 inputs, 6 auxiliary mixes, 4 subgroups
- 16 class A XMAX microphone preamplifiers
- Hi-Definition analog to digital converters (110dB dynamic range)
- 32-bit floating point digital audio processing
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- Fat Channel for all channels, buses and subgroups (High Pass Filter, Compressor, Limiter, Gate, 4-band semi-parametric EQ, Pan) with Load/Save/Copy/Paste
- 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**

## Marantz Pro Shows New Hand-Held Digital Recorder

D&M Professional (Booth 3631), manufacturer of the renowned Marantz Professional PMD series of professional recording products, is exhibiting the new PMD620 hand-held digital compact recorder. Marantz Professional has developed the PMD620 to provide advanced functionality in a smaller, more convenient configuration that will reach into new markets, including the professional audio and MI markets, further emphasizing D&M's ongoing commitment to supplying customers with market-driven product solutions.

The PMD620 is Marantz Professional's newest and smallest handheld portable recorder—it fits easily in a hand or in a pocket but packs quite a punch for its size. The PMD620 offers direct-to-MP3 recording in three quality levels, as well as fully uncompressed, CD-quality 44.1/48 kHz WAV format in 16 or 24-bit resolution, allowing the user to configure the PMD620 for a wide variety of applications, from extended-length voice recordings to high-quality music applications. Sound quality is enhanced by the inclusion of two condenser microphones on the PMD620, as well as line and external mic inputs, and an external mic output.

The new PMD620 also utilizes the SD flash memory card for data storage, a first for the PMD Series of recorders. SD (secure digital) is a highly stable and the most widely available flash media format, so users will have ready access to very cost-effective data storage. Additionally, the PMD620 accepts memory cards of high capacity (up to 2-TB or 2048 gigabytes).

## Mitsubishi Launches Hi-Def WXGA Projector

Mitsubishi Digital Electronics America's Presentation Products Division (Booth C3103) is introducing its WL6700U, a 5000 ANSI lumen, WXGA resolution (1366 x 800 pixels) projector for commercial, and education installations.

Blasting 5000 lumens with a 1000:1 contrast ratio, the WL6700U uses three robust 1.2-inch 3LCD inorganic panels. This projector is ideal for commercial venues such as sports bars, restaurants or hotel conference

rooms as well as school auditoriums and corporate boardrooms that require wide-format, high-definition resolution HD video. Other applications include medical imaging, CAD/CAM designs, geo-spatial mapping and more that require high-resolution projection. The WL6700U is available in a white outer cabinet and also features a DVI connector for native digital connectivity.

"Our new WL6700U fits a perfect niche for those who need high brightness and wide

format imaging," says Wayne Kozuki, product manager, Mitsubishi Digital Electronics America's Presentation Products Division.

The WL6700U can create side-by-side images for enhanced video conferencing applications that include a live video feed and simultaneous presentations on the same screen, perfect for large venues where ambient light can be a factor. It also offers RJ45 networking support for easy online management and control.



**Mitsubishi's WL6700U WXGA projector**

With a built-in motion-sensitive anti-theft alarm, Mitsubishi's WL6700U is designed to deter projector theft from public venues such as classrooms, auditoriums or other open-access conference room settings. The motion detector is built into the connector panel cover and is set manually by a key. Once the cover is installed and the safety key removed, the projector's alarm is automatically set; moving the projector will sound a 120-decibel high pitch alarm.

## The Answer Is...



1UControl's Main Interface

When you are looking for the easy answer for audiovisual equipment control, turn to 1UControl. Much of today's cutting edge technology is fast out-pacing the average user's ability to access it. 1UControl's Virtual Remote Control Center allows the teachers to control all AV equipment from a single source. Clear consistent graphical displays relieve the stress and confusion of switching from one piece of AV equipment to another.

1UControl simplifies classroom resource management by providing network control on an easy to use interface. Other features include: Cable TV Tuner, Content Creation, Streaming Media Decoder, Minimal Mode and Whiteboard Mode.

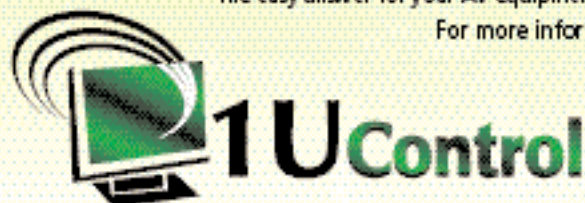
Administrative software features include: Client Assistance, All Call, District On/Off, Scheduled On/Off, Remote Programming, Network Client Activity, Classroom Status Indicators and Emergency Broadcast.



1UControl's "Minimal Mode"

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## Da-Lite Intros Ultra Velour Drapery Fabrics

Da-Lite Screen Company's (Booth C1000) new Ultra Velour drapery fabrics are designed and manufactured to meet the demand for inherently flame retardant staging curtains in permanent and rental applications. "Today's demand for a safer and more versatile drapery product has led to the development and introduction of this exciting new drapery fabric," comments Wendy Long, Da-Lite's director of marketing, "in addition to the tremendous benefit of being inherently flame retardant, the new Ultra Velour fabric is sound neutral, weighs 10 percent less than our current drapery line, features high opacity and is machine washable."

Available in three colors, black, pewter gray and blue, Ultra Velour drapery tones compliment most interior decors and staging venues. These colors lend themselves to most professional installations giving the presentation environment a cohesive appearance that does not distract from the presentation or the speaker.

Portability and maintenance are key issues for rental applications and Ultra Velour answers these concerns with a decrease in weight of 10 percent over the current Da-Lite drapery line and because it is a blended synthetic fabric is machine washable. The need for dry-cleaning and the associated costs are completely eliminated with Ultra Velour. "Imagine the savings and the lower environmental impact with the elimination of dry cleaning to rental and staging companies," summarizes Long, "a new drapery product that increases safety, reduces transported weight and is less expensive to maintain while being eco-friendly, Ultra Velour definitely meets all of the criteria these companies have been asking for."



## Extron Intros New AV Management Software

Extron Electronics (Booth C1508) is launching GlobalViewer Enterprise, a new server-based software for managing and supporting larger AV installations using a Web browser. It provides an easy upgrade path for existing users of Extron's free GlobalViewer Web application using configuration wizards, not programming. Compatible with any Web browser, GlobalViewer Enterprise provides enhanced help desk functionality, enterprise-wide global scheduling and monitoring, time-stamped AV system data collection for reporting, and also supports integration of rooms controlled by other programmable control systems, such as AMX and Crestron. The easy-to-use interface offers a view of the entire enterprise in a single window and access to detailed room data with just a click of a mouse.

"GlobalViewer Enterprise is built on Extron's philosophy of delivering configuration-based control solutions and, therefore, does not require any programming



A screenshot of Extron's GlobalViewer Enterprise server-based software

knowledge," says Lee Dodson, vice president of marketing for Extron Electronics. "It represents a step up in both scale and sophistication from our free GlobalViewer Web application."

Built on Microsoft .NET technology, GlobalViewer Enterprise integrates seamlessly with third party schedule/resource management software for viewing room availability and managing meeting schedules. Additional features include WebCam support for help desk applications, proactive firmware management capabilities, and user-definable hotlists for keeping track of vital system administration tasks. GlobalViewer Enterprise offers the security and power needed to remotely manage large IP Link-enabled AV installations that span not only buildings, but cities, states, and countries.

## Bosch Taps Nix for VP, Sales Post

Bosch Communication Systems (Booth C3439) is appointing Daniel Nix as vice president of sales-Americas for the Pro Audio Group.

Nix previously served as principal The Nix Agency, a southwest rep firm handling the pro audio brands of Bosch Communications Systems, and has been part of the Bosch family for the past five years. Prior to the Nix Agency, he served as VP of sales for a national contracting firm, sales manager for a national retail music chain, and has extensive experience in film and theatre technical production and digital music production. This diverse background, combined with 20+ years of industry relationships, provides Nix broad insight into the AV marketplace.

Nix remarks, "Our heritage of industry-leading brands like Electro-Voice, Midas, Dynacord, and Klark Teknik, now combined with the strength and resources of Bosch, forges new opportunities in our converging markets. I am pleased and honored to join such a wonderful family of people and manufacturers who passionately dedicate them-



Daniel Nix

selves to this industry."

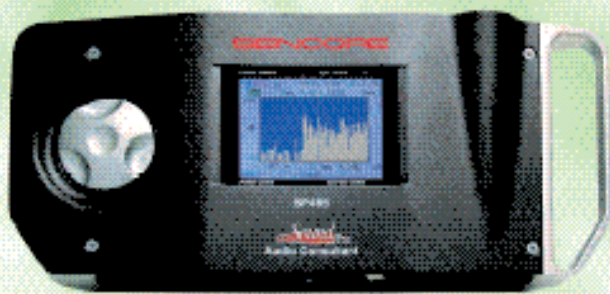
"Dan was the perfect choice for the VP of sales position," adds Thomas Hansen, vice president, Americas, Bosch Communications Systems. "Having recently been voted our Rep of the Year, and having been chairman of the Rep Council, Dan has already proven his leadership and communication skills at a very high level.

"From his years as a successful rep, Dan has an acute understanding of our customers' changing requirements as traditional audio markets continue to change and as technologies converge. His wealth of knowledge in the AV world and his practical, customer-driven perspective make him an asset to our organization and our brands, all of which are stronger than ever under the Bosch banner.

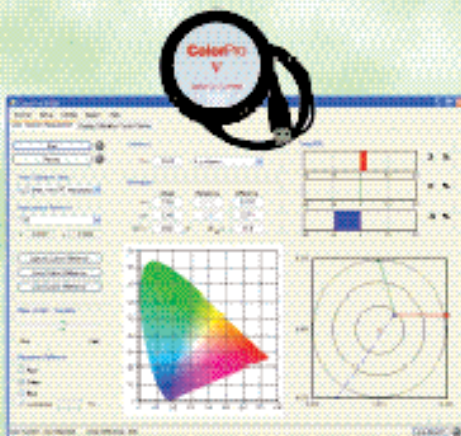
"And, aside from his professional credentials, Dan has a great personality, with tons of energy and ideas—he's already part of the family, and everyone is delighted he's joining us here at HQ. We extend our warmest regards to Dan and his family as they relocate from Texas to Minnesota."

Look for Sencore Audio, Video and Color Products at infoComm

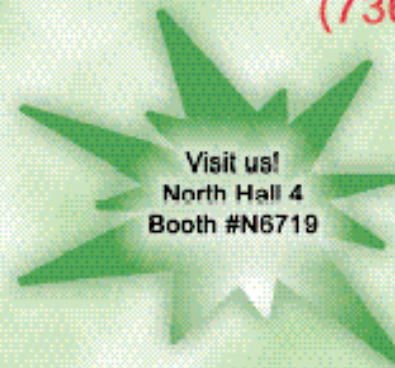
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**INFOCOMM 08 HOT PRODUCTS**

**360 SYSTEMS**

**MAXX-2400 Four-Channel Server**

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

**C3174**

**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.

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.



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

**CROWN**

**C5197**

**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.



**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**

**N5427**

**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).

**COMMUNITY**

**C3963**

**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.

**CRESTRON**

**N5600**

**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



**dbx**

**C3523**

**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.

**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**

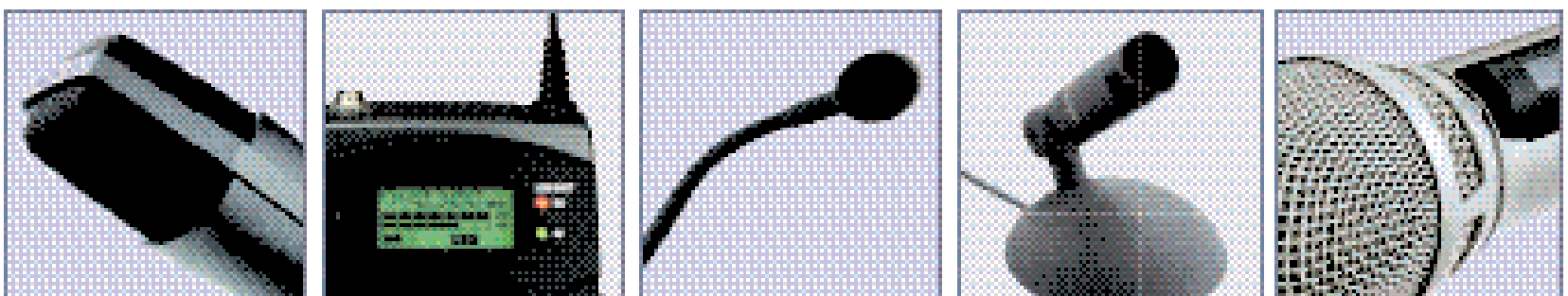


**COMMUNICATIONS SPECIALTIES**

**N5447**

**Pure Digital Fiberlink 3150 Series**

The Pure Digital Fiberlink 3150 Series provides



**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.

[www.sennheiserusa.com/installed\\_sound](http://www.sennheiserusa.com/installed_sound)

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**

**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.



**N5333**

**DRAPER**

**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.

**C3136**

**ELECTRO-VOICE**

**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.

**C3439**

**EXTRON**

**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.



**C1508**

**GEFEN**

**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-

**C1740**

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**

**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.



**N6732**

**JBL**

**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

**C3523**

fixed install applications and portable presentation systems.

**KRAMER**

**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.



**N5141**

**LG ELECTRONICS**

**'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.

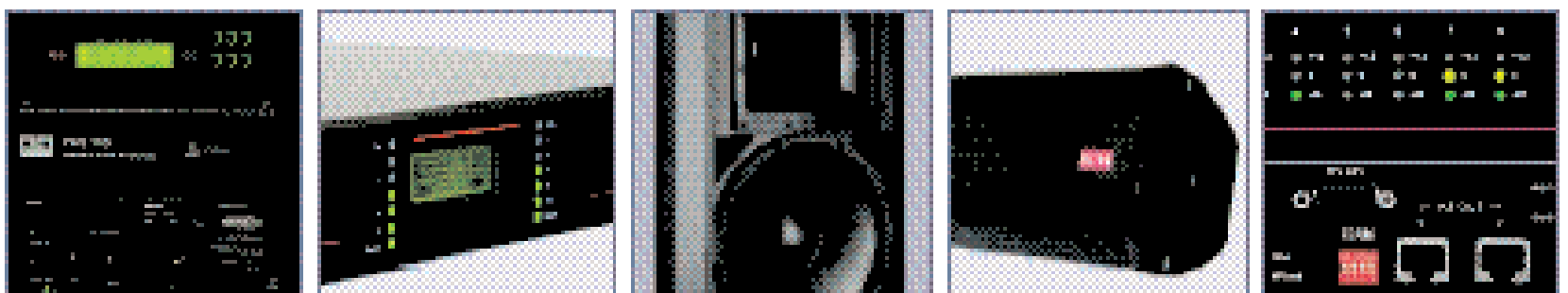
**N5941**

**MACKIE**

**PPM Powered Mixers**

This new line of ultra-light professional pow-

**C4549**



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.

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**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.

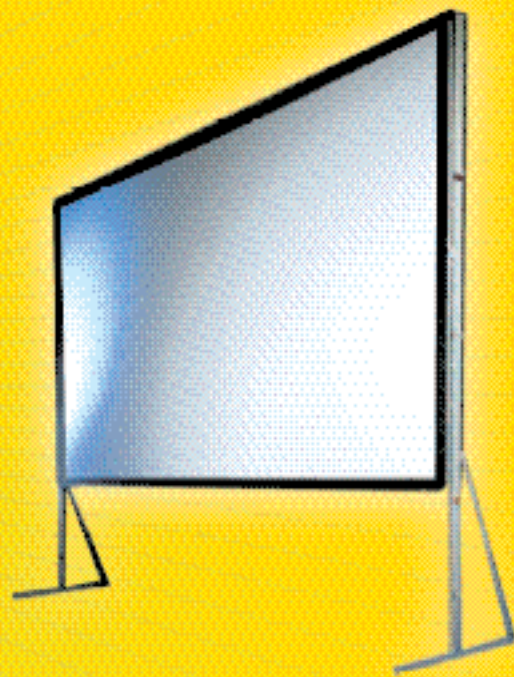
**projectiondesign N5541**  
**WUXGA Projectors**

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.

**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**



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.

**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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The Contemporary Research 232-ATSC HDTV Tuner has Universal Tuning, Pro Integration, Versatile Video, Digital Surround Sound and is ideal for commercial, educational, government and entertainment applications.

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**INFOCOMM 08 HOT PRODUCTS**

**SURGEX**

**SEQ Sequencer And Power Conditioner**

The SEQ has been redesigned to provide even greater control for today's AC power platforms. The SEQ incorporates all the latest SurgeX technologies including Advanced Series Mode surge elimination, Impedance Tolerant EMI/RFI filtering, SurgeX ICE Inrush current elimination and COUVS Catastrophic Over/Under Voltage Shutdown.



**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 RGSB 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.



**WOLFFVISION**

**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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## Crestron Shows New Classroom Control Solutions

Crestron (Booth N5300) is unveiling its new Media Presentation Controller (MPC) line of all-in-one classroom control solutions at Booth N5600. 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 education class-

room applications, meeting all the different presentation needs of instructors, support staff and AV/IT management.

MPC provides simple interfaces with push-button layout and operation that are easy for instructors to learn and use, and equally important, can be implemented consistently in every room, lecture hall or auditorium. Infinitely scalable, MPC features a Cresnet port to add keypads and other Crestron control devices. Install MPC in a

lectern at the front of the room and easily add a keypad or APAD LCD room controller on the wall. Simply connect a Crestron iLux via the Cresnet port to add integrated lighting and shade control in any classroom, meeting room or lecture hall. For larger rooms or higher levels of control, connect MPC directly to an external 2-Series controller, such as an MP2E or MPS, for sophisticated audio processing, mic mixing, touch-panel control and more.



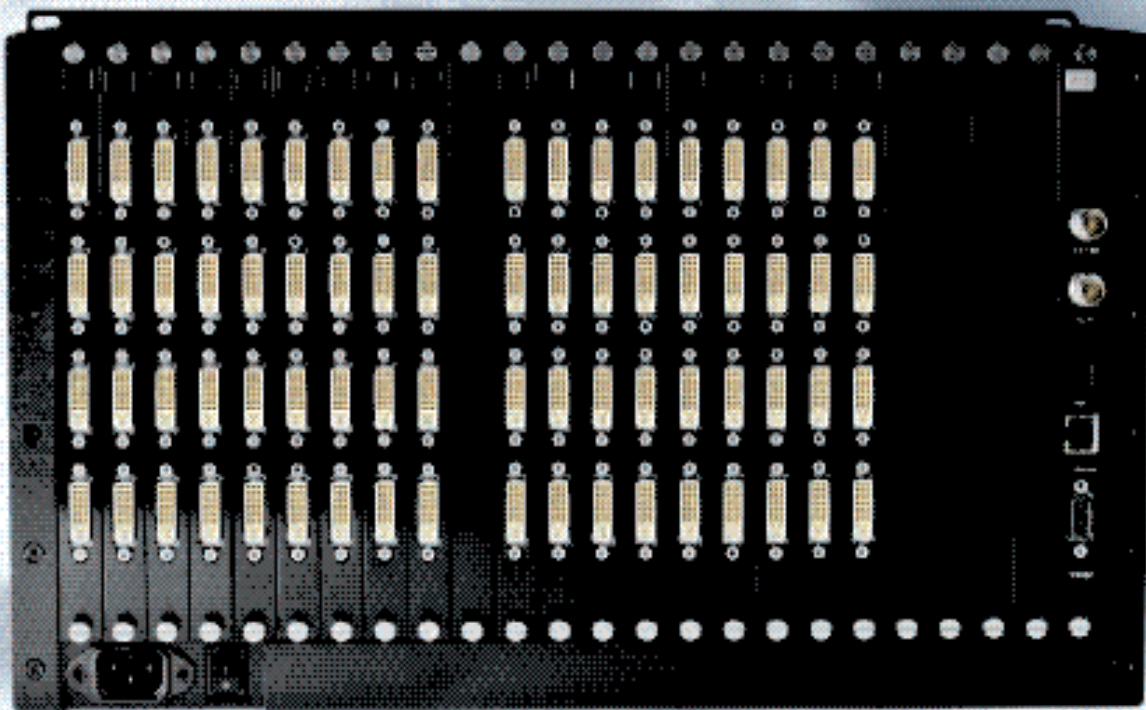
Crestron's Media Presentation Controller

Every MPC model features Ethernet communications and a built-in web server. Seamless integration with Crestron RoomView software (with real-time help desk capabilities, robust reporting, asset management and room scheduling) enables IT/AV managers to remotely monitor, manage and control every room on the network. Ethernet connectivity also provides a secondary web-based interface, so any web-enabled device can become a virtual Crestron touchpanel. SSL encryption provides a totally secure network connection at all times preventing students from tapping into the system.

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# 4K evolution



BOOTH N7251

## Verrex Sets Int'l Expansion, Opens Office in U.K.

Enabling the company to better serve those clients with AV needs beyond North America, Verrex Corporation, is undertaking a global expansion and the opening of its first international office in the United Kingdom. The Verrex European facility will provide a base of operations to respond directly to client requests in Europe and will be led by International executive director George Massey.

"Verrex has invested in international expansion, infrastructure and resources to provide its clients with consistent AV operations and user experiences throughout all facilities, worldwide," says Massey. "Whether at their office in New York or London, our clients sought a global AV systems template and a partner that could provide it. Our commitment to deliver the most comprehensive audiovisual designs and solutions does not end in North America."

The company's entry into Europe marks the third Verrex regional office opening in the past five years. "The corporate community has recognized Verrex for our willingness to respond to their needs," says president Thomas Berry, Jr. "Our expansion internationally reflects the way we have grown domestically. In each instance we have supported our clients by delivering the solutions they need, where they need it. The opening of our European office is a crucial first step as we anticipate future expansion in several global regions."

The Verrex European office joins three successful North American regions: Metro New York/New Jersey, New England and the Southeast, United States. Verrex has already undertaken projects in England, Ireland, Germany, Poland and Luxembourg.

## Peavey Bows AA PHR Series Loudspeakers

Architectural Acoustics by Peavey (Booth C3727) is introducing the new PHR Series loudspeakers, designed specifically for compact, in-ceiling operation in permanent installations.

The Architectural Acoustics PHR Series ceiling-mount enclosures are ideal for high-intelligibility voice, program music and versatile signal reproduction in commercial, indus-



trial and institutional applications. A tap selector switch allows for easy system tuning and configuration for 70-volt or 100-volt distributed systems, and a full selection of taps up to 60 watts (model dependent) and an 8-ohm transformer bypass setting are included for maximum system versatility.

The UL-compliant enclosure is constructed of high-impact, injection-molded plastic and includes a press-fitted grille design that blends well with contemporary architecture.

**Architectural Acoustics by Peavey's PHR Series loudspeakers**

## Dynacord Shows Powered D 12 Speaker Models

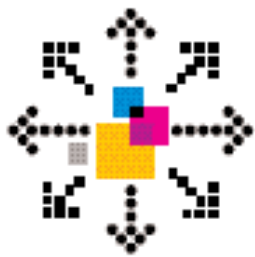
With the D 12 speaker system, Dynacord (Booth C3429) has responded to the long-felt need of customers for a light speaker system for small to medium-sized professional events. For the first time, Dynacord presents powered versions of this light, powerful, and robust cabinet.



**Dynacord's D 12A loudspeaker**

The active versions offer in each case the same loudspeaker configuration as their passive equivalents. The D 12A boasts an Electro-Voice DL12BFH twelve-inch loudspeaker for the bass and midrange and a constant directivity HF horn tweeter with the ND 2 high-power-handling driver from Electro-Voice. The three-way version, D 12-3A, offers in addition an extremely low-distortion Dynacord DND 6120 neodymium-diaphragm loudspeaker for the midrange. The constant directivity horn tweeter of the D 12-3A operates with a DH 3 driver from Electro-Voice.

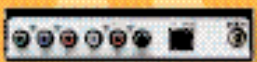
The powered D 12A and D 12-3A speaker systems feature state-of-the-art technology including high-quality integrated digital power amplifiers rated at 350W (Lo) and 150W (Mid/Hi) and signal processing specially attuned to the loudspeakers.



# PixelNet



**ANALOG HD INPUT**



**DVI-I INPUT NODE**

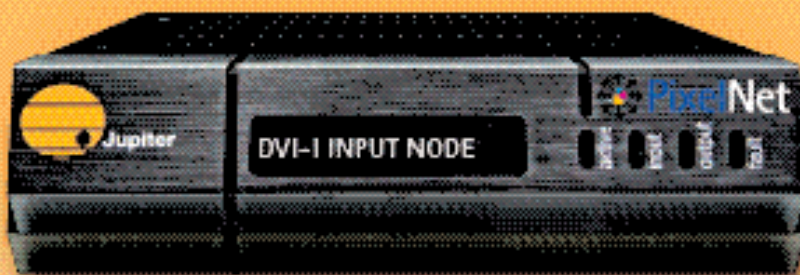


**TEAMMATE OUTPUT NODE**



**HD-SDI INPUT NODE**

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## newsfrom

### PREMIER MOUNTS

**Premier Mounts (Booth C2411)** has obtained certification from the state of California Office of Statewide Health Planning and Development (OSHPD) for more than a dozen of its projector and flat-panel TV mounting products.

The OSHPD certification recognizes the mounting solutions have been designed in accordance with Chapter 13 of the ASCE 7 and that the products meet the specific standards necessary for installation in healthcare facilities to ensure the safety and security of employees and patients.

Necessary to make certain California's strict health codes are consistently followed, the standard is considered the most rigorous criteria in the United States and is viewed by many as the default standard for products used in educational institutions and civic buildings.



INFOCOMM 08 MANUFACTURERS' 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.)

**WEDNESDAY, JUNE 18**

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

- MT22:** Surviving and Prospering During the FCC Mandated Digital Transition **MT2**
- MT25:** New Technology Showcase **MT1**
- MT46:** In-Depth Technical Training on Polycom SoundStructure Installed Voice Products **MT6**
- MT49:** RDL in the Wall: Panels & Controls for System Design—Wire types and customization **MT5**
- MT64:** AV in Green Building: What You Need to Know **MT3**
- MT68:** Computer Aided Masking System Design **MT4**

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

- MT27:** Solutions for Today's AV Environment Using QM and the MPS series **MT1**
- MT35:** Projection Screen Technology Basics—The Da-Lite Difference **MT3**
- MT39:** Power Distribution and Grounding of AV equipment in Rack Enclosures **MT4**
- MT47:** Polycom Integrator Conferencing Solutions **MT6**
- MT51:** Designing & Programming SDC8200 Conferencing System **MT2**
- MT55:** Empowering AVV with Live Streaming **MT5**

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

- MT20:** Cooling Audio/Video Installations for Fun and Profit! **MT2**
- MT31:** Crestron's DigitalMediaTechnology—HDMI Systems Solution **MT1**
- MT45:** Mounting to Non-Traditional Surfaces **MT4**
- MT65:** Motorized Shades: Control Your Lighting Environment **MT3**
- MT66:** Using a Room Scoping Report to Minimize Complaints about Audio Quality in Conferencing Systems **MT5**
- MT70:** Audio Distribution Applications with Aviom's Pro16 Series **MT6**

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

- MT29:** Go Green with CRESTRON GREEN LIGHT Building Management Solutions—Integrated Lighting and Environmental Control, and Remote Systems Management **MT1**
- MT38:** Implementing HDTV Solutions the Gefen Way **MT2**
- MT63:** Screen Technology 101 **MT5**
- MT77:** Digital Audio Recording From The Field To the Network **MT3**

**THURSDAY, JUNE 19**

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

- MT32:** Crestron's DigitalMediaTechnology—HDMI Systems Solution **MT1**
- MT50:** RDL in the Rack: Designing Systems with RDL Modules—Cost-effective Innovation & Flexibility **MT6**
- MT54:** Upgrading an existing facility to High Definition Video Conferencing **MT4**

**MT75:** SMARTBoard 600/600i2:

Maintenance and Troubleshooting **MT3**

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

- MT23:** Building Innovative Ceiling Installations **MT5**
- MT30:** Go Green with CRESTRON GREEN LIGHT Building Management Solutions—Integrated Lighting and Environmental Control, and Remote Systems Management **MT1**

**MT36:** Projection Screen Technology

Basics—The Da-Lite Difference **MT3**

**MT40:** Power Distribution and Grounding of AV equipment in Rack Enclosures **MT4**

**MT48:** In-Depth Technical Training on Polycom HDX Codecs **MT6**

**MT52:** Wireless and Antenna Design for Large Venues **MT2**

(continued on page 62)

# THE KEY TO BROADBAND'S FUTURE IS PROVIDED BY THIS MORNING'S KEYNOTES.



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President and COO  
Verizon



**Dan Hesse**  
President and CEO  
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**Scott McNealy**  
Chairman and  
Co-Founder  
Sun Microsystems

**Broadband in the Local Loop Panel**

**Vishesh Kumar**  
Wall Street Journal

**Jack Cassidy,**  
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**INFOCOMM 08 MANUFACTURERS' TRAINING SESSIONS**

continued from page 61

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

- MT26:** New Technology Showcase **MT1**
- MT71:** Audio Networking with Aviom's Pro64 Series **MT6**
- MT72:** Soundolier Wireless Audio Distribution **MT3**
- MT78:** Network Video for TelePresence—HaiVision MAKO-HD **MT2**

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

- MT28:** Solutions for Today's AV Environment Using QM and the MPS series **MT1**

- MT37:** EtherSound and IP Audio Networking **MT4**
- MT57:** DVI Video Switchers **MT2**
- MT62:** D-Tools: Creating a Project in System Integrator 5 (SI 5) **MT3**
- MT67:** New Features and Functions of the Converge Pro product line **MT5**
- MT69:** Digital Paging **MT6**

**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**

**INFOCOMM CENTRAL THEATER SCHEDULE**

Located in the Main Lobby between the North and Central Halls  
**Theater Schedule** (subject to change)

**WEDNESDAY, JUNE 18**

**10 a.m.-10:30 a.m.**  
**Business Planning: Managing Your Business in a Weak Economy**

**11 a.m.-11:30 a.m.**  
**InfoComm Government Relations Overview**

**1 p.m.-2 p.m.**  
**Awards: ARCHI-TECH AV Awards and New Bay's Systems Contractor News Product Awards**

**3 p.m.-4 p.m.**  
**DLP Presentation: The True Cost of Display Screens**

**THURSDAY, JUNE 19**  
**10 a.m.-10:30 a.m.**  
**Business Planning: Business Insurance**

**11 a.m.-11:30 a.m.**  
**Press Conference: Release of Asia Market Study**

**12 p.m.-1 p.m.**  
**SPECIAL EVENT: Federal Resources for Exporting**  
*Federal government representatives from Census Bureau, NAFTA, SBA*

**1:30 p.m.-2:30 p.m.**  
**Performance Standards: Project Commissioning Best Practices**

**3:30 p.m.-4:30 p.m.**  
**AWARDS: New Bay's Rental & Staging Product Awards and Lighting & Sound America's Staged Events Awards**

**4:30 p.m.-5:30 p.m.**  
**Awards: Reception**

**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**

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## Visix Delivers Embedded Media Appliance

Visix, Inc. (Booth C2101) is releasing its first fully-embedded digital signage media appliance. The new media appliance is capable of playing a variety of still, video and audio formats including video overlay from external sources. Additionally, the appliance can support external database sources delivered in RSS and XML formats.

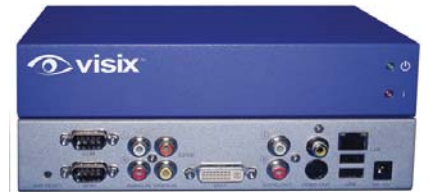
The media appliance is positioned as a cost effective, entry-level digital signage endpoint device with features applicable to the

majority of vertical markets served by Visix. The appliance can be delivered at a price nearly 50 percent less than a full-blown PC media player while still supporting a variety of visual layouts and designs.

The media appliance operates on a Linux kernel, making it less susceptible to disruptions due to updates often found in other operating systems. Content for the appliance is managed through Visix's AxisTV digital signage software application, using its

Professional and Enterprise server platforms. The appliance can be configured to support N-tier scalability built into the Enterprise server application, and can be easily integrated with new or existing channel players supported by AxisTV Professional and Enterprise servers.

"We have been talking for more than a year to IT departments looking for cost effective digital signage endpoints that can be easily managed," states Trey Hicks, vice pres-



Visix's embedded Media Appliance

ident of sales with Visix. "This new embedded media appliance is a solution that is cost effective, scalable and reliable, and can be brought online in a matter of minutes," furthered Hicks.

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## Aviom Sets New Sales, Technical Training Program

Aviom (Booth C4175) is launching its new Sales & Technical Training Program. To kick off the initiative at this year's InfoComm show, Aviom's consultant liaison and training manager Jeff Lange will lead two manufacturer's training sessions: Audio Distribution Applications with Aviom's Pro16 Series and Audio Networking with Aviom's Pro64 Series. In addition, Aviom is running an Audio Distribution & Networking Solutions for Houses of Worship course each day in the Technologies for Worship Pavilion.

Aviom has identified training as a top priority in 2008. "There's a lot of interest in audio distribution and networking, but there's also a lot of uncertainty and confusion," says Lange. "Good, reliable information is critical to helping consultants and contractors make good design decisions. This year's training program marks the beginning of an ongoing effort on Aviom's part to support its sales channels and end users."

Training will include both sales and technical topics and will be conducted through a variety of formats, including online webinars and formal classroom-style sessions. Formal sessions will begin this summer.

As part of the program, Aviom will be offering formalized certification at two levels. Level I Certification will focus on monitor mixing and simple digital snake applications, while Level II Certification will focus on the full range of applications, including the most sophisticated audio networks. Certified resellers will be given a priority listing on Aviom's website, [www.aviom.com](http://www.aviom.com).

## quickhits

**Professional Cable, LLC (Booth C2053)** is launching a new line of Mini HDMI cables. The company is now manufacturing and stocking Mini HDMI, also called "Type C HDMI," to regular HDMI cables in 1.6 feet (0.5 Meters), 3.2 feet (one meter), 6.5 feet (two meters), 10 feet (three meters), and 15 feet lengths (4.5 meters). In addition to the converter cables, Professional Cable is manufacturing and stocking Mini HDMI to Mini HDMI cables in the same lengths.

## Blasko Joins AVstumpfl Team

AVstumpfl (Booth N6368) is hiring Mike Blasko as director of professional technologies.

Blasko brings with him nearly 15 years of experience in the entertainment, show control and projection technology industries. Additionally, he has worked closely with AVstumpfl on domestic and international projects over the past seven years.

AVstumpfl recruited Blasko to head up this division for his unique skill set that began with theatrical presentation technologies and evolved into full animatronic and synchronized media presentations. Blasko was previously the Director of Media and Control for LifeFormations, an animatronics and show control provider, located in Bowling Green, OH.

"It's a pleasure to be working with the company that has made life in the production world so much more elegant over the past several years! I'm looking forward to this opportunity," Blasko says.

AVstumpfl's new Pro-Products division is responsible for the sales and support of Wings Platinum 3 show control and soft-edge blending projection software and hardware. Wings Platinum 3 has won several awards in the industry as a leading production and presentation tool, including the 2006 InfoComm award for "Best Software Product." Additionally, Pro-Products has recently added the SC Touch Control platform to its existing show control systems.

## beyerdynamic Shows New Conferencing Solutions

At Booth C3569 beyerdynamic is presenting many new conferencing products. This show will mark another milestone for beyerdynamic as the company introduces several new products utilizing the REVOLUTO "Line Array" microphone technology in a fixed "pop-up/foldaway" arrangement.

The latest wired MCS 20 conference system is very easy to handle. The system has as few as only three components: the power supply unit, the chairman and delegate microphone unit. The system is controlled and configured by the chairman microphone unit. The easy installation and intuitive operation make the system a choice for simple meetings. Set up, plug in, turn on and the meeting can start.

Components include the MCS 20 power supply unit; the MCS 223 Chairman microphone unit; and the MCS 221 Delegate microphone unit.

The MCS-D conference system has been

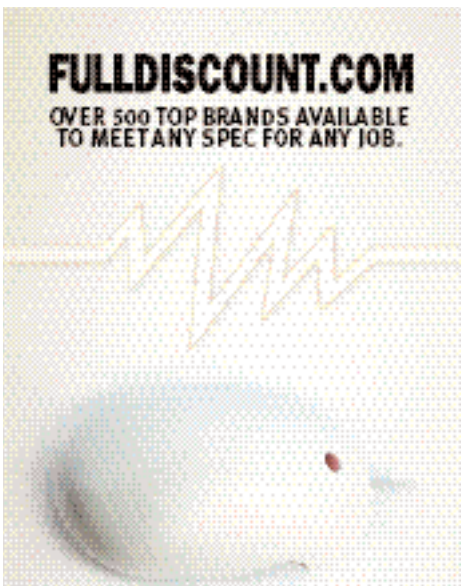
### beyerdynamic's MCS 221 delegate microphone unit



complemented with another microphone unit with Revoluto technology. In addition to the microphone button, the MCS-D 3141 provides a language selector for multilingual meetings.

Two microphone versions that can be connected to a mixing console, amplifier or DSP matrix are also brand-new. They are ideal for discussions or speaker's desks.

Compared to gooseneck microphones they provide more freedom of movement and the microphone does not obstruct the view. They are available as a pure desktop microphone as well as a microphone unit with programmable microphone button and connections for external control.



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## Yamaha-Powered Nexo NXAmps Make Debut

Two new high-powered amplifiers manufactured by NEXO and powered by Yamaha are making their debut at Yamaha Commercial Audio Systems, Inc. (Booth C3969).

The NEXO NXAmp 4x4 and 4x1 are among the industry's most powerful amplifiers, and provide a cost-effective integration of command, control, protection and amplification of NEXO loudspeaker systems. Using the legendary Yamaha EEEngine technology, the amplifiers offer sonic purity of conventional class AB, but with a heat dissipation equaling class D technology.

The UL-certified NXAmp models both feature four amplifier channels that can be configured in 2x2 bridge mode, providing up to 4x 4000W at 2  $\Omega$  per channel or 2x8000W at 4  $\Omega$  per channel on the NX 4x4



NEXO's NXAmp 4x4 amplifier, powered by Yamaha

and 4x1300W per channel at 2  $\Omega$  or 2x2600W per channel at 4  $\Omega$  on the NX 4x1. The NX 4x4 is 4U high, contained in a 19-inch rack and weighs 49 pounds, and the NX 4x1 is 3U high, in a 19-inch rack space weighing 33 pounds. The NXAmp power supplies are full resonance-type with half bridge converters, and its unique design minimizes noise via ZCS (Zero Crossing Switch) technology. The NEXO NX 4x4 employs four

times the structure of a mono amp to realize very high power with a low impedance load.

"The NXAmp series is a major breakthrough in high powered amplification for both the fixed installation and live sound markets," states Albert Cardenas, acoustic systems manager, Yamaha Commercial Audio Systems, Inc.

"We have been seeing very positive reactions to the Tx and Tn Series amps for use with NEXO speakers and we know the market will be quite impressed with the new NEXO NXAmp line, powered by Yamaha."

NXAmp signal processing is identical on both models and derived from the NX242 TD controller features. The NXAmps have over three times the DSP capacity of an NX242 with an NXtension card installed.

## Electrosonic at InfoComm: Where the Action Is

Attendees will want to stop by the activity-rich Electrosonic booth (Booth C924) where classroom sessions will be held for a detailed look at the future of streaming video over IP networks. A live demonstration of HD video conferencing will also take place between the Electrosonic booth and the Winstead (Booth C2124). Friday morning, Electrosonic founder Robert Simpson is presenting an official InfoComm training session titled, "The Transport of High Resolution Images Over Networks."

Electrosonic's booth features a classroom setup with scheduled presentations on streaming video over IP networks. The presenters will outline the many benefits of transmitting video over IP and show-

case Electrosonic's VN-MATRIX encoder/decoder that streams high-resolution graphics or HDTV across IP networks in real-time, with low latency and with lossless image quality.

Visitors will not want to miss the real-time HD video conferencing demonstration that will convey the most lifelike natural interaction possible for telepresence meeting applications. A HD camera's video and audio will be sent along with computer graphic content across a standard IP network for real-time presentation in Winstead's booth, where HD video and audio will be streamed back to the Electrosonic booth. The resulting high definition quality is made possible by

Electrosonic's advanced VN-MATRIX streaming technology.

To cap it all off, an official InfoComm training session with Electrosonic founder Robert Simpson is scheduled for Friday from 8 a.m. to 10 a.m. in Room N254. Titled "The Transport of High Resolution Images Over Networks," the course will provide a review of "conventional" analog and digital methods of getting images of all resolutions and formats from their source to display, pointing to the benefits that arise when images are sent over computer networks instead. The course is designed to provide insight into how image compression works, and how it is applied to the transmission of images over networks.

## Sony Unveils New LCD Business Projectors

Sony's (Booth C1500) VPL-FW300L (7,000 lumens) and VPL-FH300L (6,000 lumens) projector models are designed to deliver outstanding images while in the same room as the audience. This makes them ideal for smaller auditoriums, large classrooms and meeting rooms, museum exhibits, event centers, ballrooms and movie theaters for displaying pre-show content.

The VPL-FW300 projector has a WXGA+ resolution of 1366 x 800, while the VPL-FH300 unit delivers resolution of 2048 x 1080. Both models are housed in the same chassis, and share the same type of lenses, lamps, and filters as well as the same connec-

tions and network functions.

These new projectors use 3LCD technology and feature Sony's BrightEra imaging technology, which is based on an inorganic substrate and alignment layer to produce a stronger bonding of molecules.

The projectors' innovative round design also includes large-diameter fans and high-flow cooling air ductwork that lets the projector run cool while fan noise is decreased. These characteristics are the key reasons that these models can be effectively placed in the room with the audience without distracting from the event.

Users have a choice of five different stan-



Sony's VPL-FH300L LCD projector

dard lenses for excellent placement flexibility, and both models have a locking bayonet mount mechanism for easy lens changes.

Both models use dual 275W lamps to essentially eliminate the risk of a blackout in the event of lamp failure. Their opposing design configuration allows for projector tilting for mirror or other uses. The lamps have an expected life of 1500 (high) or 2500 (standard) hours. This use of low wattage lamps saves energy and running costs, which in turn helps the projector run cooler and quieter when compared with other offerings. A design enhancement over previous models places the memory for the lamp timer on the lamp itself, reducing the need to manually reset lamp timers. Also, lamps that are moved will retain accurate time readings.

## New Headworn Mic Ready at Electro-Voice

Electro-Voice is at Booth C3439 showing the RE97-2Tx headworn microphone. The Electro-Voice model RE97-2Tx is an ultra-low profile, omni-directional, back-electret condenser headworn microphone ideal for applications such as Houses of Worship, corporate AV, theater and other venues where a full-range, natural, well balanced sound is required. The omni-directional polar pattern provides a clean and accurate sonic quality and uniform output regardless of the microphone's position relative to the sound source.

The RE97-2Tx is a two-ear hook design with a band behind the head for complete comfort and stability in any performance. The band is fully adjustable and the hooks fold flat for storage and flip all the way over so the microphone boom can be on the left or right side of the mouth. An elegant clothing clip to retain the cord and a removable wind-screen complete the package.



Electro-Voice's RE97-2Tx headworn microphone

## Audio-Technica Launches New Branding Initiative

Audio-Technica (Booth C3757) is launching a new branding initiative. Reaffirming the company's dedication to improving the customer experience, the initiative sums up Audio-Technica's philosophy with the simple statement, "Experience More."

"We chose this theme—Experience More—because it articulates so many fundamental truths about our company," says Greg Pinto, Audio-Technica vice president of marketing. "Our feature-rich microphones, headphones and other audio products genuinely do deliver more. Audio-Technica became known for world-class products because we have always focused on giving customers more than they expect, from extraordinary product quality and reliability to outstanding service and support."

This new branding initiative honors Audio-Technica's rich heritage and tradition while embodying the brand as it exists today. Working closely with Minneapolis-based brand communications group Morsecode, Audio-Technica developed the initiative in an effort to strengthen the brand identity across the entire spectrum of customer communications.

As part of this initiative, Audio-Technica has developed a new advertising campaign and collateral materials, including a new full-line catalog, with this new, consistent positioning. However, "Experience More" goes beyond a simple tagline or brand mantra—it is a total dedication to the customer experience that permeates Audio-Technica's operations, from product development and quality assurance to customer service and support.

The initiative also includes the launch of a revamped, more intuitive website, featuring new graphics, an enhanced dealer locator and an interactive customer communications network. Additionally, the audio manufacturer has published a book, *Experience More: A History of Audio-Technica Microphones*, chronicling the rich heritage of the company's microphone division. Through these and similar efforts, Audio-Technica seeks to celebrate its reputation while building even stronger relationships with customers and emphasizing its commitment to the industry.

"Through this branding initiative, we are more effectively communicating Audio-Technica's meaningful point of difference," adds Pinto. "This effort continues to give us a unified voice and reinforces our brand promise, Audio-Technica: Experience More."

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## Studer Success Story Marks 60th Anniversary

In what represents one of the most challenging and successful business transformations in the history of professional audio and recording, former tape pioneer and industry stalwart, Studer (Booth C3523) celebrates its 60th anniversary, having transformed itself into the leading innovator and manufacturer of digital console technology. According to Andy Trott, president of Soundcraft and Studer, "The Company's ethos has changed little but its focus has changed entirely towards digital console and mixing systems development. Studer remains the epitome of quality in product design and fine engineering—often referred to as the 'Rolls-Royce of the audio world'—and we value and protect that characteristic

today just as much as Willi Studer did when he started the business 60 years ago."

Bruno Hochstrasser, executive vice president of sales for Soundcraft and Studer, has one of the "closest kinships" with the company. "I was actually born the same month and year as the Studer Company so this year is very much a double celebration for both of us! I've seen huge change during my 37 years with the business and remain proud of our achievements; maybe even more so these days as we have totally re-engineered to become number one in digital broadcast consoles."

This year marks the 60th anniversary since founder Willi Studer started the company in 1948 to adapt American-made tape recorders to the requirements of the Swiss

market. Studer soon stopped adapting, and starting innovating, and in 1950, the first 500 units left the production line. From its beginnings as a tape recorder manufacturer, Studer went on to acquire a reputation as an analog mixing console brand. In the mid-'80s, the turn to digital technology began with the digitally controlled A810 analog tape recorder, followed by the all digital D820 and D820X tape machines. Shipping its last two analog consoles to Japan in 2007, the company is today firmly placed in the digital universe as a leading manufacturer of audio mixing consoles, routing equipment and call management systems targeted at the broadcast and live-sound market for the most discriminating customers.

## Lowell Expands compAC Surge Protectors

Lowell Manufacturing (Booth C3719) is expanding its premium surge suppression products. New compAC surge protectors are thin-profile devices offering more choices of amperage, installation applications, and model options to meet user needs. Most importantly, all offer the confidence of Lowell's industrial

strength surge protection with zero failures and 10 year warranty.

The compAC surge products are specifically engineered to meet the market's demand for more capable surge protection in a very small, easy-to-mount, and easy-to-conceal package for safeguarding flat panel TVs and other sensitive electronics. 20-amp units provide the highest current capacity available in devices of this size to protect multiple pieces of equipment on a single circuit.

Expanded amperage rating is combined



Lowell's compAC Surge Protectors

with more options using multi-plane brackets for easy and fast installation on a wall, behind a flat panel TV, under a counter, in a rack, on a shelf or virtually anywhere.

## Visionary Grande Leads Stewart Filmscreen Product Showcase

Stewart Filmscreen (Booth N5827) is showcasing several new product introductions, including the Visionary Grande, a larger version of its Visionary Electricscreen. The Visionary Grande is an installation friendly retractable electric screen designed for new construction featuring a large format, self-finishing bezel style screen, in sizes ranging from 10-18 feet. It is perfect for large board rooms, conference rooms and similar venues that would benefit from a flush ceiling mounted screen. Despite its large size, the Visionary Grande is surprisingly easy to install, due to the integrated winch lifting system that facilitates mounting the screen



Stewart Filmscreen's Visionary Grande retractable electric screen

to the ceiling. It is available for use with a variety of Stewart's award winning front and rear projection materials.

## PreSonus Bows StudioLive

PreSonus Audio Electronics is at Booth C4760 launching the StudioLive 16.4.2 digital performance and recording mixer.



PreSonus's StudioLive digital mixer

StudioLive is a powerful and flexible 16-channel digital mixer loaded with 16 high headroom XMAX microphone preamplifiers, built-in 22x18 FireWire recording and playback engine, "Fat Channel" processing with four-band EQs, compressors, limiters and gates, DSP effects, six aux buses, four sub-groups, extensive LED metering, talk-back, CAPTURE recording software and much more.

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## Renkus-Heinz Launches IC Live Product Line

Renkus-Heinz (Booth C4257) is launching the new IC Live product line, a major development that opens the company's acclaimed Digitally Steerable Array technology to live event production for the first time.

It follows the massive world-wide success of Iconyx, which has redefined sound reinforcement in some of the world's toughest acoustical environments, and created a powerful user demand for a "live sound" development of Iconyx.

"People have been using Iconyx for a wide variety of live applications, even though it was expressly designed for permanent installation," says Renkus-Heinz president Harro Heinz. "But we had intense demand from day one for a Digitally Steerable Array product line designed from the ground up for both live music and speech in rental and touring applications. At Infocomm 2008, we're answering that call with a full-range, digitally steerable, RHAON-equipped portable package and matched subwoofer.

"IC Live delivers multiple benefits for live sound applications requiring precisely focusable sound coverage, ultra slim profile loudspeaker cabinets, fast and simple setup, and fully integrated digital loudspeaker processing, amplification and hardware monitoring—in short, a package that's totally optimized for portable applications."

The first two products in the IC Live line are the RHAON-equipped IC Live module, a fully active array loudspeaker that incorporates five neodymium 6.5-inch low frequency cone drivers and three neodymium compression drivers, each controlled by an individual channel of the integrated DSP/amplifier, and the companion ICL215S, a self-powered dual-15 inch bandpass subwoofer that extends low frequency output to 40 Hz.

"Vertical pattern control is often the key to providing good sound in difficult conditions," says Renkus-Heinz senior vice president Ralph Heinz. "With IC Live, we have turned the typical line array on its end. Using digital steering, we create an ideal 'umbrella' of sound, a vertical pattern not possible with simple mechanical arrays. In addition to avoiding rear wall reflections, this 'umbrella' pattern minimizes sidewall reflections while maximizing the stereo sweet spot."

## New VMAX2 Install Kit Ready for Closeup at Elite Screens

Elite Screens, Inc. (Booth C4349) is introducing a new ceiling installation kit for its VMAX2 electric projection screen. The new kit makes it easier than ever to perform a professional grade installation for any conference or media room project.

"We're committed to providing the best products with the best accessories for the projection screen market at prices attainable to the average AV consumer," says David Rodgers, marketing manager, Elite Screens, Inc. "We listened to our customers and are proud to bring this new in-ceiling installation kit to them."

Elite's new VMAX2 In-Ceiling Installation Kit allows users to easily complete a ceiling screen installation that is neat and discrete. The slotted plate attachment protects an Elite VMAX2 screen from beneath while cradling it securely in specialized fittings for a 84-inch



Elite Screens' VMAX2 in-ceiling installation kit

to 150-inch sized screen in either 4:3 or 16:9 aspect ratios with custom sized options available. The framework is adjustable to standard spacing requirements and secures easily to internal studding. The enameled sheet metal design is durable for long-term use and provides easy access to the screen itself from the ceiling space.

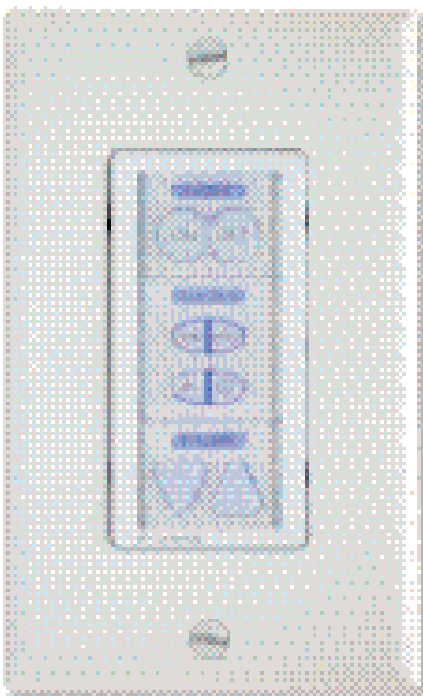
### quickhits

QOMO HiteVision's QoVision (Booth N5001) has gained immediate acceptance from both novices and professional digital

signage producers. QoVision offers the ultimate in multi media format support. These features include: \*10+ media format; \*insertion of Native PowerPoint Presentations—no conversions; \*live video streaming; \*dynamic RSS feeds.

## Simple Systems Redefined

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- ▶ **Optional battery-backed real time clock** enables support for dozens of scheduled events
- ▶ **A robust firmware bootloader (Programming Wand)** for in-field firmware upgrades

**Programming Wand** makes configuration of PixiePlus easy!

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## DPI CoolTek Engineering Delivers Results

Digital Projection International's (DPI, Booth N6340) initiative to lead the projection display industry in efficient product design is delivering measurable results. As a factor of DP's CoolTek Engineering platform introduced last year, the company's current three-chip DLP Titan and Lightning projectors deliver the highest efficiency, lowest cost of ownership and smallest physical and environmental footprint of any comparable display products. A full summary of DP's product efficiency initiative, including in-depth statistics comparing a variety of industry products, is available at [www.digitalprojection.com/efficiency](http://www.digitalprojection.com/efficiency).

DP's CoolTek Engineering system is centered on maximizing lumen output, as well as



Digital Projection's Titan CoolTek projector

lamp and component life while efficiently reducing heat dissipation and power consumption to the minimum levels possible. The company's Lightning 45HD-3D Pro Series II display utilizes a 3.6 Kilowatt (kW) lamp to produce 30,000 lumens. Non DP products in the same lumen class consume as much as

two times the power to deliver comparable lumen performance. Given power consumption and carbon production are intrinsically linked, comparable products that consume far more power leave a much bigger carbon footprint in their wake. Dermot Quinn, DP's director of product development, comments: "Each DP projector must pass efficiency benchmarks in the concept and development phases. In the case of our Titan and Lightning projectors. We are continually researching and implementing new technologies that surpass industry efficiency standards."

Efficient thermal management within high-performance displays is critical to long-term performance and reliability.

## Marshall MXL Introduces USB Conferencing Mic

Marshall MXL Multimedia (Booth N6741) is introducing the first in a line of easy to use affordable solutions for on the go audio meetings and conferences.

The new FR-404 USB Conferencing microphone is based on tried and true boundary microphone technology with an updated twist: it is connected to a laptop computer via USB for instant conference calls via Skype, iChat, AIM, Yahoo Messenger, Microsoft Unified Communications platform, Adobe Acrobat Connect, and virtually any other over the internet communications service.



Marshall MXL Multimedia's FR-404 USB Conferencing microphone

Turn any location into a conference room easily with the FR-404 USB. It is small enough to easily fit in a laptop case. It also features built in automatic gain control for smooth, quiet, professional sounding conference calls.

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## BluePack Is In at JK Audio

JK Audio (Booth C4365) is combining Bluetooth Wireless Technology with professional audio electronics in a rugged new belt pack design. BluePack allows connection of a professional mic, headphones, and recorder to any cell phone or notebook equipped with Bluetooth Wireless Technology.

BluePack pairs to a cell phone like a Bluetooth wireless headset. This professional microphone preamp and powerful headphone amplifier make sure the message gets through. A 3.5 mm stereo line input jack allows recordings to be mixed into the broadcast. The 3.5 mm stereo line output jack provides full bandwidth microphone signal on the left channel and Bluetooth audio on the right channel.

The stereo headphone output gives a mix of the XLR microphone input, 3.5 mm input, and Bluetooth audio.



JK Audio's BluePack wireless audio belt pack

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## Denon Unveils Professional Integrated Amplifier

Denon Professional is introducing the DN-A300M professional integrated amplifier at Booth C3631. Based on feedback from leading industry contractors and system integrators, the DN-A300M is a 3U high, 2 x 100 Watt (8 ohm) integrated amplifier/Background Music (BGM) paging system, perfect for a wide range of applications including installed sound, house of worship, retail establishments, restaurants, health clubs, salons, hotel pool areas or anywhere a high-quality, easy to use, affordable amplifier/paging system is required.

The front panel features a host of familiar controls, including a six-position Music source Input Selector (AUX, Tuner, CD, Phono, Tape



Denon's DN-A300M professional integrated amplifier

1, Tape 2); 1/4-inch mic input; Mic level, Volume, Bass and Treble controls; Mic mix and Mic automatic gain control (AGC); and Loudness, Automatic Music Mix, Speaker A/B On/Off and Power On/Standby/Off switches. Additionally, there is an infrared remote con-

trol (IR) sensor for remote control operation of the unit's volume and source.

The rear panel features RCA inputs/outputs for a wide range of audio sources (CD/MP3, etc.) with dedicated input/outputs for Phono, CD, Tuner, Tape 1, Tape 2 and AUX; Speaker A/B outputs; three AC outlets (one un-switched, two switched); and an Auto Mute sensitivity volume control.

## newsfrom

### RADIAN

**Radian Audio Engineering** is at **Booth C5156** introducing a new line of Professional and Contractor horn-loaded enclosures that feature the company's best quality drivers, which are all manufactured in Southern California. The first products to be released are the Professional Series RPH-1594/1564 and Contractor Series RCH-1594/1564 two-way arrayable speaker systems, which combine perfectly focused, hand-laid fiberglass horns with long-throw woofers to provide exacting pattern control and unmatched durability in high SPL applications.

## Windy City Wire – Booth N7641 The Products for Your Pro AV Needs

### SmartWire RGB Cables



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### SmartWire RackTrak™



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## Manpower Taps NetStreams for A/V Distribution System

Manpower Inc., the worldwide employment services company, selected NetStreams (Booth N5012) to provide its complete audio/video distribution system for Manpower's new corporate facility located in Milwaukee, Wisconsin.

Bringing the worlds of IT and AV together, the contract called for NetStreams' DigiLinX Audio, Video and Control system to be installed. DigiLinX was chosen for the role of distributing and controlling the audio and video from 20 DirecTV HDTV set top boxes and two PCs running digital signage software to 20 displays located throughout the 294,000 square foot facility. The new site can house more than 1,000 employees.

"We needed more than just a digital signage solution," comments Victor Nightingale, director of Global Technology and Engineering for Manpower. "NetStreams' DigiLinX solution allows us to distribute both the high definition video and

the audio from a wide variety of sources over TCP/IP in the highest quality. With DigiLinX, Manpower corporate messages and DirecTV programming can be easily accessed and enjoyed in any of Manpower's conference rooms, lobbies or employee cafeterias. Best of all, it is all IP-Based, so the distribution of audio, video and control coexist with our IT infrastructure."

InfoCor, a leading Milwaukee, Wisconsin based AV systems designer and integrator, recently completed the installation.

Cheryl Anderson, president and CEO of InfoCor, comments: "During the design phase it became evident that NetStreams' DigiLinX system was the most efficient and scalable solution because of its ability to distribute a variety of sources (AV and PC-based digital signage) over the corporate IT network. We were able to save on the cost of cabling as well, since the audio and video are all distributed over one CAT5e cable."

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## Community Introduces VLF Loudspeaker Series

Community Professional (Booth C3963) is introducing the new VLF Series of Versatile Low Frequency loudspeakers. The VLF line boasts 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.

The dual eight-inch VLF208 and dual 12-inch VLF212 are the first in a series of powerful and innovative new low frequency subwoofers. With a response down to 75 Hz in passive mode or 60 Hz using digital signal processing, the VLF208 can function in pairs as a steered bass array, and is equipped with fly points and four rubber feet. The VLF212 features slot-loaded



Community's VLF208 (left) and VLF212 loudspeakers

woofers for extended low frequency response down to 50 Hz in passive mode or 35 Hz using DSP, and is available in a portable or installed version with an integrated amplifier. The VLF Series subwoofers are ideal for controlling microphone feedback and reducing unwanted reflections.

## JBL Expands Control Contractor Series

At Booth C3523, JBL Professional is extending its category-leading Control Contractor Series loudspeakers to an even wider variety of applications with the new Control Contractor 40 Series premium in-ceiling specialty loudspeakers.

Designed to be the systems integrator's go-to speaker line for a wide variety of everyday applications, the Control Contractor 40 Series encompasses five new models, with three of the models—the Control 47C/T, Control 47LP and Control 47HC—incorporating JBL's proprietary Conical Radiation Boundary Integrator (RBI), adapted from JBL's groundbreaking VERTEC series line array loudspeakers. This unique innovation

combines a large-diameter, high-frequency waveguide and low-frequency projection apertures that work together to provide extremely consistent pattern control and coverage. Rounding out the new Control Contractor 40 Series lineup are the Control 40CS/T, a subwoofer with built-in passive crossover, and the Control 42C, an ultra-compact, in-ceiling satellite speaker.

The Control 47C/T two-way ceiling speaker provides exceptionally consistent 120-degree coverage, making it ideal for customers who want to save money by covering the floor space with fewer speakers while simultaneously achieving better coverage of the listening space. The Control 47LP low-

profile model provides the same great sound character and 120-degree coverage, but in a package that is only 134 mm (5.3 inches) deep, for locations with minimal ceiling clearance. The Control 47HC narrow-coverage, high-ceiling model is designed for use in applications requiring narrow, focused coverage, such as venues with highly reflective surfaces or in high-ceiling applications. The Control 42C ultra-compact, satellite speaker utilizes a 60 mm (2.5 inch) driver that produces a smooth frequency response in a very small, visually unobtrusive size. The Control 40CS/T compact subwoofer, incorporating a powerful 200 mm (eight inch) driver, can add substantial low-frequency reinforcement to



**JBL's Control 47C/T loudspeaker, new to the company's Control Contractor Series**

any in-ceiling sound system.

"As customer expectations for audio quality continue to increase, we are pleased to introduce a new ceiling speaker line that not only provides extended bandwidth and improved fidelity, but also saves the customers money by covering their space more evenly with fewer speakers," says Rick Kamlet, senior market director, Commercial Sound, JBL Professional.

## Opticomm Shows New Optiva Product

At Booth C3519 Opticomm is showcasing its new Optiva composite video over IP. The Optiva Composite Video over IP solution is the ideal choice for Security monitoring systems and Internet based video teleconferencing.

Additionally, the system can utilize existing Private or Public IP Networks with minimal required configuration to get you started. The Optiva Composite Video over IP Ethernet Transport medium that is the perfect alternative to fiber optic video transport for applications that do not require the benefits of optical cables.



**Opticomm's Optiva Composite Video Over IP Ethernet Transport Medium**

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SNAPSTREAM

**SnapStream's (Booth C3262)** new Enterprise TV Server is a television search appliance, combining powerful DVR and search engine technologies. Record 1000s of hours of TV and then search inside shows by keyword to find clips of interest. Useful for media monitoring, television clipping, content analysis, broadcast television airchecks, public relations, radio production and advertising monitoring.

# Barix Enters into New Partnerships Targeting Educational Market

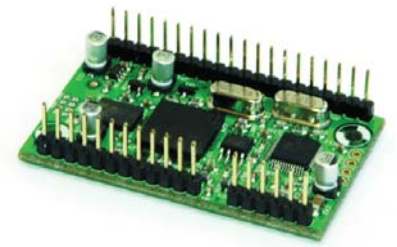
Barix AG (Booth C3785) is entering into two new business and OEM product development partnerships with hardware and software companies dedicated to furthering technology in K-12 schools and classrooms. The companies are exhibiting a series of low-cost, scalable products and platforms for IP-based audio distribution in schools, including security, that are a result of the new business and technology alliances. The end-to-end

solution for schools and classrooms enables school administration staff to easily schedule bells, distribute music, make live and pre-recorded announcements, and play other audio to specific rooms, or throughout the campus. All products are now shipping, with live deployments.

At its booth, Barix is exhibiting its complete range of Audio over IP solutions for education, AV, security and other markets.

Representatives from new business partner SchoolView Technologies, LLC of Plano, Texas will also be on hand to provide information on its CampusSV system for school-wide audio and video control and distribution. Meanwhile, Calypso Control Systems (Booth N6071) is showcasing its new CA-1000SV audio amplifier, which integrates Barix IPAM-200 decoding modules to provide an all-in-one audio decoding and amplification box for audio playback over speakers and PA systems.

"Barix is proud to announce these partnerships heading into Infocomm to provide a single solution to address all audio distribution needs," says Johannes G. Rietschel, CEO and founder of Barix AG. "The CampusSV system



Barix IPAM-200 decoding modules are integrated into Calypso Control Systems' new CA-1000SV audio amplifier

from SchoolView is an innovative software solution that integrates exceptionally well with our Audio over IP solutions for voice, sound and music distribution and transmission in schools.

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Booth N5977

## Big Power, Light Weight in Inter-M V Series Amplifier Line



Inter-M's V-3000 3200 Watt V Series amp

At Booth C4157 Inter-M Americas is introducing its new "V" Series amplifier line. Big power and light weight are the order of the day.

Featuring an efficient Switch Mode, Class H power supply, the V series is available in 1200 Watt (V-1000), 1900 Watt (V-2000), 3200 Watt (V-3000) and 4000 Watt (V-4000) bridged at 4 ohms. Each two-rack space amplifier weighs in at approximately 25 pounds and includes a Selectable High Pass

filter for each channel, Clip Limiting Circuitry and Fan cooling (front to back).

## SP Controls Intros PixiePlus Controller

SP Controls Inc. (Booth N5031) is introducing the new PixiePlus, an advanced version of the company's popular Pixie AV device controller. The PixiePlus increases user options with advanced features such as RS232 control, automatic device shut-down after a period of inactivity, and an optional real-time clock module which enables shutdown at a specific time of day. The device also provides for a security code, comprised of a sequence of button presses on the PixiePlus panel, that prevent unauthorized use of the AV system. Users have a choice of up to eight control buttons for setting up the PixiePlus panel.



SP Controls' PixiePlus controller

PixiePlus controllers are inexpensive, intuitive control systems that mount into a single-gang wall box with a Decora form factor. Units are user customizable, using provided snap-in modules. Control of projectors, DVD players and other devices is made simple for users and eliminates the need for remotes.

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Public Address Amplifier Series



infoComm Please visit our booth # C4157



## KV2 Intros Active Speaker System

KV2 Audio's (Booth 6474) new EX6 is a very high quality compact speaker system producing a two-way full range solution which defies its size. With amazing clarity for speech and musical reproduction, the EX 6 is ideal for discreet installations or audio visual presentations where sound quality is paramount but size also matters.



**KV2 Audio's EX6 active speaker system**

installations with or without subwoofers, portable PA Systems for AV/speech/multimedia, peripheral support for other EX/ES/VHD products, high quality studio monitoring, or compact floor monitoring applications.

Equally at home as a high end studio monitoring solution the EX 6 features state of the art components including our new NVPD compression driver, Trans-Coil six-inc woofer and complete on board control with electronic crossovers, phase alignment, equalization and speaker protection integrated into the EX6's amplifier module.

Applications include high quality fixed

Features include Baltic birch construction with wear resistant polymer coating. 117dB sustained output, 120dB peak with very high dynamic range and low noise floor, 200W of total power with complete on-board speaker management system, 180W high efficiency, current enhancing, switching low frequency amplifier, and very high quality 20W, low IM distortion, Class AB, high frequency amplifier with transformer balanced output.

## SVSi Taps Gann

Southern Vision Systems, Inc. (Booth N7541) is expanding its team with the appointment of Karen Gann as senior marketing manager responsible for marketing the company's new volANte digital signage solution.

"We're very pleased to have someone of Karen's caliber join our team," says Bob

Sharp, director of sales and marketing at SVSi. "As SVSi grows and expands into new markets, Karen's experience in high-tech marketing will be a great asset to SVSi. She'll be instrumental in the growth of our emerging digital signage business and further growth of our high-speed digital camera business."

Before joining SVSi, Gann was marketing programs manager at Avocent Corporation.

## New CXPS Processor in Black Diamond Video Spotlight

Black Diamond Video (Booth N7251) is releasing the CXPS Processor, a comprehensive solution which combines large-scale single-link and dual-link DVI switching, smooth scaling, windowing, and video wall processing into a single, compact device. Current applications include 3D Visualization, command-and-control centers, medical imaging, pre- or post-production editing and digital cinema.



**Black Diamond Video's CXPS processor**

The CXPS Processor has a configurable I/O with up to 36x36 single-link or 20x20 dual-link DVI matrix switching in a 6U rack-mountable unit. The device supports mixed single-link and dual-link applications with any I/O configured in multiples of four. Options include quad-output dual/single-link scaler cards, quad-windowing cards with daisy-chain support for multiple windows, and USB matrix switching cards.

The CXPS input supports 60 meters of copper DVI cable without external conditioning, as well as Black Diamond Video's

current line of phantom-powered signal converters for any non-DVI input source (RGB, standard-definition, SD/HD-SDI). The CXPS supports DVI-ready fiber optic I/O, and CXPS output supports 60 meters of copper DVI cable with phantom-powered conditioning at the display device. Additional features include I/O EDID management, I/O status, timing measurements, test pattern generation, extensive diagnostics, field upgradeable firmware, and swappable cards for quick maintenance and upgrades. CXPS controls include RS232, 10/100/1000T Ethernet, and Java GUI.

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**BOOTH C924**

## VQ Loudspeaker Range Joins Tannoy Family

Tannoy (Booth C3857) is launching the VQ Series, an expanding range of loudspeakers designed for any application where precise directional control, outstanding sonic performance, and high SPLs are critical issues, such as large corporate AV systems, stadiums, large dance clubs, live concert halls, theaters and open-air venues.

Why the "Q" in VQ? The Q factor is a mathematical expression indicating directionality of the source. Larger Q factor values denote more directional sources. As the products will range from well defined, very wide, to narrow dispersion patterns, Tannoy feels the Q is a great descriptor, as the company is not only catering to the Hi Q market.

Utilizing precision engineering and design, the VQ series can produce enough power and clarity to be used individually, maintaining the aesthetics of buildings, unlike line array solutions.

VQ incorporates a unique driver technology to radiate a coherent single point source (400Hz-23kHz) for superior pattern control when coupled to a Point Source Waveguide (PSW). This advanced design aligns the



Tannoy's VQMB loudspeaker

acoustical centers of the transducers providing a single coherent wavefront emanating from the throat. The MF/HF transducer loads into a large proprietary designed common horn (Patent pending). This technology allows Tannoy to maintain its specified beamwidth to within a +/-5 degree tolerance.

Tannoy VQ delivers a huge performance advantage when compared to acoustic sources which consist of an HF compression driver and separate midrange driver each with their own horn. With VQ there is no interference between the midrange and high frequency at the crossover point in the vertical plane. VQ's high sensitivity ensures exceptional SPL levels can be achieved with a very modest amount of amplifier power. As an example, the VQ60 will produce 115dB for 1 watt; and 138dB (144dB peak) for only 200 watts of amplifier power.

## Duchossois Group Acquires Milestone AV Technologies

The Duchossois Group has acquired Milestone AV Technologies, North America's leading producer of mounting solutions sold principally under the Chief (Booth C1224) and Sanus Systems brand names, from private equity investors led by Friedman Fleischer & Lowe. Terms of the all-cash acquisition were not disclosed.

"Milestone possesses all the criteria we look for in an operating platform—the most innovative and highest quality products sold into growth markets, leading brand names and, above all, an exceptional management team," states Robert Fealy, executive vice president of Duchossois. "It is a great fit with our AMX (Booth C2902), Chamberlain and Heath-Zenith businesses," he adds.

"I speak for our entire team in saying that we are absolutely delighted to join the Duchossois Group of companies," says Milestone CEO Scott Gill. "We share much in common with our new sister companies, each of which is the leader in its respective markets. That Duchossois was willing to undertake this transaction in the face of uncertain economic times speaks volumes about their confidence in our ability to grow the business through the world-class products and the high levels of service we provide to our customers around the world."

With a history of predecessor company growth that spans 30 years, Milestone was formed in 2004 through the combination of two leading mounting solutions companies: Sanus Systems and Chief Manufacturing. The company today counts among its customers the majority of consumer electronics retailers in the U.S. and is also the leading provider of mounting solutions to professional AV dealers and system integrators. Milestone will operate as a wholly owned affiliate of the Duchossois Group and Scott Gill will continue in his role as the company's chief executive officer.

### quickhits

**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.

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- Integrates - works with other products and systems
- Fast Convergence - combines with gain-sharing auto mixing for maximum performance

## Hall Research Unveils New Video Matrix Series

At Booth N6620 Hall Research is introducing its own compact 16x16 PC and HD AV Matrix. The Matrix can be configured in several ways to fit a variety of applications. The basic VSM-16-16 provides 16 PC VGA or HD component video inputs and 16 independent outputs. Each output can be switched to any of the 16 video inputs in any configuration. The user can control and monitor the system either from the front panel or through either of two serial ports.



**Hall Research's VSM-16-16 Video Matrix Series**

To add stereo audio switching capability, HRT offers the VSM-A-16-16. Audio outputs

can breakaway from their corresponding video or follow it. Differential (balanced) stereo audio outputs are provided which makes the system ideal for pro-audio installations. The 16x16 AV matrix switch is also available with an IP control port (in addition to an RS-232 serial port). The IP enabled unit is Model VSM-I-A-16-16. All models include real-time clock and the ability to store and schedule daily or weekly switching patterns throughout the day.

## Checkpoint Chooses Wireless Ronin DS Software

Checkpoint Systems, Inc. is integrating Wireless Ronin's (Booth N7318) RoninCast interactive digital signage software, into its 32-inch Advanced Public View monitoring system. Checkpoint Systems chose the Wireless Ronin digital signage technology for its ability to easily integrate into and enhance its existing Clarity product line.

"Checkpoint's integration of the RoninCast digital signage technology to its current product offerings is a great example of how the benefits can reach far beyond sales lift and support loss prevention initiatives," says Jeffrey Mack, president and CEO of Wireless Ronin Technologies. "Many of Checkpoint's customers currently have hardware or loss prevention systems in place; adding digital signage is a key value-add for those programs."

Wireless Ronin's digital signage software, RoninCast, combined with Clarity from Checkpoint allows companies to effectively share a 32-inch display between loss prevention efforts and digital signage efforts. RoninCast's unique control and scheduling options will allow hierarchical control based on customers' business needs. Checkpoint released the combined digital signage product to its national sales group and expects customer introduction beginning Q1 2008.

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## newsfrom

### ANALOG WAY

**Analog Way (Booth C930)** is adding a new product to the Octo/Quattro product range. Di-VentiX II is a multi-layer hi-resolution mixer scaler seamless switcher with keying—a new powerful Edge Blending system with four scalars.

Di-VentiX II is a multi-layer mixer scaler seamless switcher with universal analog and digital input/output and full high resolution digital processing. It offers numerous Live effects including Keying and Moving PiP as well as three different operation modes: Multi Layer Mixer, Stand alone Embedded Edge Blending and 8 x 2 Seamless Native Matrix. In a Multi Layer Mixer Mode, Di-VentiX II uses one output as a Preview and the other, the Main output, for the audience. In a Seamless Native Matrix Mode, Di-VentiX II offers an 8 x 2 scaled matrix with true seamless switching. In an Embedded Edge Blending Mode Di-VentiX II provides a Stand alone 2 projector large blended screen horizontally or vertically. In this configuration the Di-VentiX II offers the same functions as in Multi Layer Mixer Mode.

## New HD Processor Joins TV One Family

TV One's (Booth N1725) new C2-7310 multi-format, dual channel HD video and audio processor follows the award winning C2-7200 adding full HD-SDI multi-channel audio processing. The new C2-7310 was created to address the evolving needs of the broadcast and professional video markets and supports virtually every bi-directional SDTV-to-HDTV conversion imaginable all within a compact 1 RU enclosure.

The superior audio processing capability



TV One's C2-7310 HD video processor

of the C2-7310 allows the user to mix, route and delay any of the possible 16 SD/HD-SDI embedded stereo channels from the two HD-SDI inputs and 16 inputs of AES3-id stereo audio channels, process them (including broadcast quality sample-rate conversion), and output them as AES3-id stereo audio or embedded into the two HD-SDI outputs. Because of its dual-channel nature, the C2-

7310 can do this independently for the two channels, with each output having up to eight stereo audio channels of the same or different audio.

The C2-7310 adds all this audio processing power to the video processing capability found in the previous C2-7000 Series products. Beyond its versatility as a dual channel Up/Cross/Down Converter for

SD and HD, the C2-7310 offers a vast array of advanced features.

Serving as the central force behind this level of functionality are two completely independent scaling engines and two video mixers, which utilize TV One's proprietary CORIO2 technology. True 4:4:4 processing provides full-bandwidth color for precise keying, including soft keys. The device has 11 inputs accommodating multiple HD-SDI, SD-SDI, DVI, YPbPr, RGBHV, RGBS, RGSB, YUV, CV and YC signals, as well as all HDTV formats and any PC resolution up to 2048x2048. All of these formats may be freely mixed within the unit via cut, fade or special effect transitions.

## DLP, XGA Projectors Star in Sharp Showcase

The Sharp (Booth N5803) XG-P560W WXGA three-chip DLP projector offers a price performance breakthrough, providing among the highest color accuracy, image quality and reliability in front projection. 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 three-chip DLP projector features 5000 ANSI lumens, WXGA resolution, and 1800:1 contrast ratio for a bright picture in almost any lighting setting. The three-chip projector offers compatibility with standard RGB and video sources, as well as 720p HDTV and "pixel perfect" 1280 x 800 resolution from the newest PCs.

The projector also includes a power zoom lens with motorized H/V lens shift, seven lens options and broad connectivity.

Sharp is expanding its LCD projector lineup with two new three-LCD wide XGA conference/classroom projectors. The XG-C455W and PG-C355W offer three-LCD technology for superior color accuracy and image detail.



Sharp's XG-P560W 3-chip DLP projector

Designed for use in most any educational, corporate, government or house of worship setting, the projectors offer high performance, flexibility and reliability. With 1280 x 800 WXGA native resolution, the projectors can provide full display of 720p HDTV, as well as 1280 x 800 WXGA from the newest generation PCs. Utilizing three polysilicon LCDs, and with high brightness (4000 ANSI Lumens—XG-C455W and 3300 ANSI Lumens—PG-C355W), the units project brilliant, uniform, high quality images.

Extensive connectivity includes a built-in LAN (RJ-45) terminal, compatibility with standard RGB and video sources, DVI-D with HDCP compatibility, as well as RS-232C con-

trol and a port for a wired remote control. In addition to a standard zoom lens, the projectors offer four optional lenses, and with Sharp's rapid release lens mechanism, lens changes are quick and virtually effortless.

## Priority Paging RC Settles in at Atlas Sound

A two input by two output speaker level relay switcher, the new AA-PPRC Priority Paging Remote Controller from Atlas Sound (Booth C4049) is a compact device ideally suited for use in any application in which audio needs to be temporarily muted so that a page can be heard. Perfect for zone paging management in new or existing systems found in boardrooms, schools, health care centers, and hotels, the controller comes standard with its own 12VDC external power supply, and is ready for immediate mounting and use.

Value-oriented engineering gives the AA-PPRC a price point advantage over competitive models, along with a rich feature set exceeding that found on other offerings. With power handling rated at 350 watts per channel at 70V, the device is designed to be placed between the output of an amplifier and the loudspeakers. System switching events can be triggered from a variety of sources at line level (with a threshold sensitivity of 20mV-2V), speaker level (with a threshold sensitivity of 3V-45V), or via a contact closure or external voltage trigger operating between 5-24VDC. A recovery adjust circuit is also provided that is user-selectable from 1-30 seconds.



Atlas Sound's AA-PPRC Priority Paging Remote Controller

## Williams Sound Readies New FM Remote Speaker Model

Williams Sound is launching its new 16-channel FM remote speaker, the PPA R1600, at Booth 3819.

Many facilities use remote office space or meeting rooms for daily activities, but are unable to take advantage of audio services due to audio cable being difficult to install. The R1600 FM remote speaker helps to solve this problem. The speaker will pick up the broadcast of an audio service wirelessly from any Williams Sound transmitter operating on 72-76 MHz. No unsightly audio cables to run; no complicated installation. The speaker simply plugs into an available AC outlet and the volume of the audio program can be adjusted to a comfortable listening level. The speaker is ideal for an office, nursery, cry room,



Williams Sound's PPA R1600 FM remote speaker

rehearsal room, or any remote location where the participants need to listen or monitor the audio service.

The R1600 features 16 user selectable FM channels on 72-76 MHz. When used with the Williams Sound T35 transmitter (connects to existing audio system), the R1600 will pick up a broadcast up to 1000 feet (304.8 m). The unit can be set on a flat surface, mic stand, or installed on a wall or ceiling with the provided brackets. Additional audio inputs include a quarter-inch mic jack and line level RCA jack. Line level out jack can drive additional speakers to accommodate a larger listening area. An additional Williams Sound receiver sled can be installed on the R1600 for stereo or two channel applications.



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## Symetrix Adds Automixer to Integrator Series

Symetrix, Inc. is unveiling the third product in the Integrator Series—the Automix Matrix 780—at Booth C3885. The Automix Matrix 780 is a 12-channel automixer with eight sub-mixes and comprehensive DSP that is designed to do justice to sound where justice matters most, providing a complete set of the tools required for consistently clear audio in courtrooms, government chambers, corporate boardrooms and houses of worship.

Eight mic/line inputs feature filters, equal-



Symetrix's Automix Matrix 780 12-channel automixer

ization, compression and feedback elimination into gating or gain-sharing auto-mixing with full control over NOM (number of open microphone) counts and priorities. The four line inputs include filters and equalization with automatic gain control (AGC) for devices such as CD and DVD players, TV

audio or an additional mixer. Sub-group or mix-minus mixes may be dedicated to specific tasks such as recording, archiving or broadcast, and may be routed to up to eight unique locations, each with EQ and limiting.

The Automix Matrix 780 is set up easily and efficiently using a straightforward

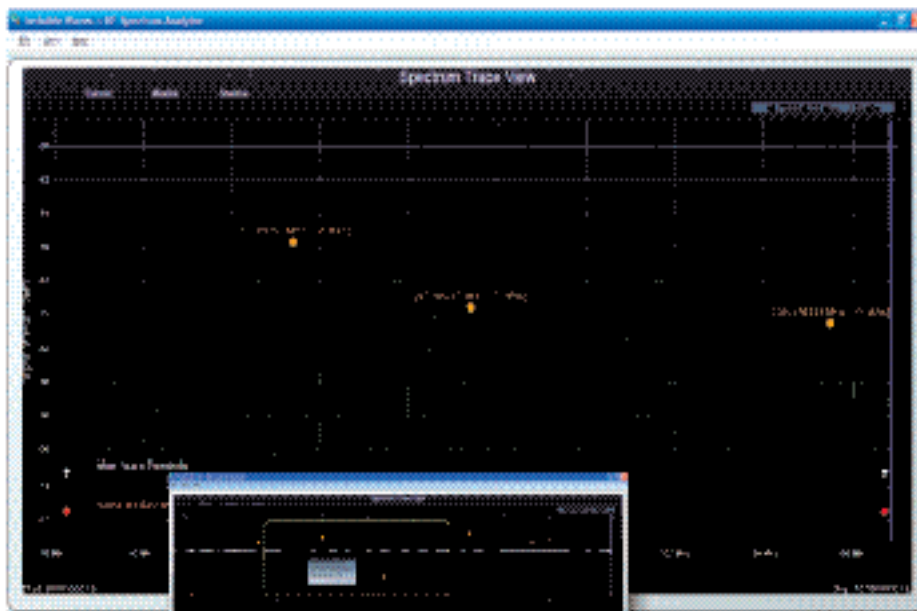
Windows interface connected over Ethernet. The network-ready system includes a user-friendly, wizard-driven software setup and a GUI comprising just two panels, ensuring that no parameter is ever more than two clicks away.

The unit's interactive front panel provides convenient access to vital system parameters or may be custom programmed for user and technician control. The 780 is also compatible with Symetrix RS-485-based Adaptive Remote Control (ARC) Wall Panels, offering additional user control options.

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## Soundcraft Bolsters Small Format Mixers

In a series of introductions that will likely prompt musicians, engineers, venue managers, educators, corporate AV professionals and worship leaders to recalibrate their expectations of what a small format mixer can do, sound like or cost, Soundcraft is demonstrating the FX 16ii and MFX Series mixing consoles at Booth C3523.

The FX 16ii is a 19-inch rack-mountable mixer with a total of 26-inputs and integrated Lexicon FX processor that makes it an incredibly versatile mixer for a host of applications. The MFX is available in 8+2, 12+2 and 20+2 channel/frame sizes and also comes loaded with an arsenal of features that make it the ideal mixer for a wide array of small-to mid-sized applications, and once again the addition of a Lexicon FX processor and rack mount option for the 8+2 (std on 12+2) variant make this a great product for almost any small to mid sized applications.

Says Richard Ayres, Soundcraft product manager: "The new FX 16ii and MFX Series mixers embody a new spirit of innovation, and, packaged with the finest mic amps and EQ you will find anywhere, these are truly exceptional products that should be on everyone's shopping list!"

Both units are exceptionally easy to use and are built around the same AudioDNA processor featured in many of the Digitech and Lexicon outboard products including the highly respected Lexicon MX300 processor. Other common features include 32 FX settings, tap tempo, FX store settings, three-band EQ with swept mid-band, integral universal power supplies and rugged construction meant to withstand even the toughest environment.

The Soundcraft FX 16ii offers a combination of powerful live and recording features; each channel has a direct output, which is individually switchable pre or post fader to enable use with 16-track recording systems.



Soundcraft's FX 16ii small format mixer



Excelstor Education Center, in Victorville, CA, has installed Barix IP technology throughout its campus to signal classroom bells, stream music, and provide live paging and pre-recorded emergency messaging capability across the entire campus.

# campus wide

InfoComm Booth No. C3785  
www.barix.com



## Sabine Offers an Alternative to the Shrinking UHF Band



Sabine's 2.4 GHz Smart Spectrum wireless systems

In February of 2009 all existing analog TV broadcasts will cease and the 698 to 806 MHz part of the UHF band will be closed for TV and wireless mics. This space will be reserved for consumer wireless and public safety broadcasts, forcing all the new DTV channels to be squeezed into a significantly smaller bandwidth than ever before. This smaller space also means reduced white spaces between TV channels, and reduced spectrum available for UHF mics, which traditionally make use of these white spaces.

Using a completely different section of the spectrum is an obvious solution. The FCC announced these changes 10 years ago, and Sabine (Booth C3962) has been ahead of the

curve with the release of its 2.4 GHz Smart Spectrum Wireless Systems. This innovative system offers a viable alternative to this shrinking UHF band, and Sabine's systems are in use right now all over the world.

"The trade magazines are full of articles about the imminent demise of the UHF band for wireless microphones," says Sabine's marketing director Rob Rothschild. "We offer the solution, and we have it right now. The low-power 2.4 GHz band allows our customers to enjoy the benefits of wireless without worrying about interference from DTV or other potential broadcasters that the FCC is getting ready to allow in the UHF band. This is a wireless system with a future."

## AKG Expands C 414 Mic Family

AKG's (Booth C3523) legendary C 414 microphone needs no introduction. It's a tool found in most recording studios and has been used on thousands of hit records; it has been onstage with artists across every musical genre and is also used by leading broadcast facilities the world over. Now, AKG is making an important addition to the C 414 family: the new C 214 recording microphone.

The new C 214 offers a single-capsule, cardioid-only design that delivers class-leading performance with the same dual-capsule as the C 414, but using only one diaphragm instead of two. Thanks to its 20dB attenuation pad and



AKG's C 214 recording mic

AKG's ultra-low noise electronic design, the C 214 can be used in sound fields as high as 156dB SPL. The C 214 features an integrated capsule suspension system that minimizes chassis-borne noise and resonances for even greater sonic accuracy.

Says Thomas Stubics, product manager at AKG: "Our new C 214 was designed as a budget-friendly alternative to the leading-edge C 414 family. Because the C 214 uses the same one-inch diaphragm as the C 414, the essence of that heralded C 414 sound has been captured in this newest model."

## High-Grade Features Recommend New Mitsubishi HT Projector

Mitsubishi Digital Electronics America's Presentation Products Division (Booth C3103) is bringing higher-grade features to its newest 1080p (1920 x 1080) resolution home theater projector, the HC5500. This new projector replaces Mitsubishi's successful HC4900, upgrading features for the same manufacturer's suggested price.

The HC5500 is designed with inorganic LCD panels that are more durable and that provide a more consistent, evenly toned color image than previous generation LCD panels. With a newly developed LCD panel cooling duct, the HC5500 is designed to be one of the quietest projectors in the world at 19 dBA, so you can focus on the movie instead of a distracting hum of the fan.

With the HC5500 Mitsubishi has also

included an improved automatic iris function for quicker black-to-light image shift and has increased the contrast ratio to 10,000:1. This combination allows for dynamic, smooth transitions between light and dark and sharper overall details in dark areas, even in fast-action spaceship scenes or classic film noir.

Most important, Mitsubishi incorporates the Emmy award-winning HQV (Hollywood Quality Video) high-performance video processor inside this entry level 1080p projector. The HC5500 comes with the Reon-VX video processing chip often found in more expensive high-end devices and offers advanced noise reduction and reduced chroma up-sampling for superior video performance.

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## New Macro-Tech-i Analog Amps Ready at Crown

Building upon 20 years of innovation and market success, Crown Audio (Booth C3523) is introducing the new Macro-Tech-i family of analog amplifiers it expects will emulate the reliability, sonic performance and value of the now-legendary Macro-Tech Series. The original Crown Macro-Tech Series earned an impeccable reputation for reliability and sound, and now, by incorporating Crown's advanced, patented Class-I circuitry, the new Macro-Tech i delivers significantly

greater power while reducing the weight by more than half.

Comprised of three models—the MA-5000i, MA-9000i and MA12000i—the Macro-Tech-i Series is equipped with comprehensive status, fault, and load monitoring via standard Ethernet networking and Harman Pro's HiQnet and System Architect software. A universal power-factor corrected power supply ensures that the new models can be used literally anywhere in the world, delivering full rated power regardless of where touring schedules may lead.

"No amplifier manufacturer is as dedicated to its customers as Crown Audio is committed to the pro audio community: we listen attentively to audio professionals and work very hard to build the right products to address their needs," notes Brian Divine, Crown Audio market director for Touring Sound and Engineered Sound. "This commitment is manifested in today's introduction of the new Macro-Tech-i family that was conceived and refined with the close coopera-



Crown's Macro-Tech-i analog amplifiers

tion of our user group. As a result, the new Macro-Tech i Series boasts rugged build quality, rock-solid reliability and unmatched sonic performance."

## dbx Launches New Digital Matrix Processors



dbx's System Core 64 digital matrix processor

dbx Professional Products (Booth C3523) is introducing the new SC 64 (System Core) and 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.

The SC 64 and SC 32 host a total of 64 and 32 analog I/O respectively, configurable in banks of eight. The flexibility of eight analog input cards and eight analog output cards easily facilitates many different fully loaded configurations, accommodating a wide range of standard sources via the onboard mic/line and Phantom Power switching per input. Two high-speed option slots on the SC 64 and one high-speed option

slot on the SC 32 also provide an interface for adding forthcoming high bandwidth audio transport I/O cards. The units feature dedicated DSP for common processing functions as well as insert positions for specialized processing and popular audio tools including dbx Advanced Feedback Suppression (AFS) Ambient Noise Compensation (ANC), priority ducking, parametric equalization (PEQ), delay and dynamics.

Additionally, the new SC 64 and SC 32 devices offer a diverse range of control options including HiQnet System Architect custom control panels, as well as Ethernet, serial, contact closure control, ZC wall controllers and even automatically scheduled events. An optional media engine facilitates delayed paging and storage of audio files for scheduled playback.

## SurgeX Unveils Next-Gen Flagship Sequencer

SurgeX (Booth C3325) has redesigned its flagship sequencer and power conditioner, the SEQ, to provide even greater control for today's AC power platforms. The SEQ incorporates all the latest SurgeX technologies including Advanced Series Mode surge elimination, Impedance Tolerant EMI/RFI filtering, SurgeX ICE Inrush current elimination and COUVS Catastrophic Over/Under Voltage Shutdown.

The latest generation SEQ features a sharper, easier to read, display and enhanced software. New features include a 12 Volt DC Output that can be programmed to control an additional remote



SurgeX's SEQ sequencer and power conditioner

system, and the ability to program additional always-on outlets.

The SEQ has three physical banks of four outlets each that can be sequenced with two external (remote) banks of equipment. It is designed to interface with other control systems and can be infinitely cascaded with other SurgeX products. Like all SurgeX products, the SEQ is backed by a 10-Year warranty.

## Mackie Enters Lightweight Power Amp Field

Mackie (Booth C4549) is entering the lightweight power amplifier category with its new FRS Series—the FRS-1300, FRS-1700, and the FRS-2800. FRS Series amplifiers combine Mackie's legendary Fast Recovery circuitry with a modern switching power supply for exceptional sound and performance in portable applications.

"In true Mackie fashion, the FRS Series amps combine clean power and performance in a lightweight design," says Mackie product manager Greg



Mackie's FRS-1300 lightweight power amp

Young. "Fast Recovery means your sound stays clean, even when pushing them to their limits. These amps are perfect for the rig on-the-go, and give you more power for your dollar—so they won't break your back or your wallet."

The FRS Series features Mackie's legendary Fast Recovery circuitry for clean, undistorted sound and the ultimate in punch and clarity—even at clipping. New high-current switching power supplies make them super-efficient and ultra-lightweight-perfect for portable PA rigs. "Built-like-a-tank" construction and Mackie reliability mean the FRS amps will withstand the rigors of the road, and perform flawlessly during gigs. More powerful and quieter than others in their price range, FRS Series amps satisfy even the most demanding systems.

The FRS Series include a high-resolution, six-segment LED meter per channel, defeatable clip limiter, subsonic filter, and on-board protection circuitry (short, under-impedance, over-current and thermal). The FRS Series includes three powerful models with rated output of 1300W, 1660W and 2800W respectively @ 4 Ohms bridged.

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## Flex Array Leads Turbosound Showcase

Turbosound is at Booth C3908 demonstrating Flex Array as well as products from the acclaimed NuQ professional portable series, alongside the award-winning Aspect TA-500, TA-890 and TA-880 concert sound loudspeakers.

Turbosound's new TCS sound contracting range also is being demonstrated, featuring patent-pending Dendritic waveguides in multiple dispersion options, IP54 weather resistance, choice of white or black finish



### Turbosound's Flex Array sound reinforcement system

and self-powered options, all backed up with industry standard EASE data.

Flex Array is a medium-scale professional sound reinforcement system that combines elements of Turbosound's patented virtual point source system with well proven line array technology, resulting in a truly versatile loudspeaker product adaptable to a huge variety of venue types. Its rotatable mid/high section provides the key to rapid conversion from line

array to point source mode, while two fully integrated rigging systems cater for both vertical and horizontal flown orientations with virtually no external parts.

The all-new Flex Array system 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.

## QSC Unveils GX Series Amplifiers

QSC's (Booth C3459) new versatile GX Series amplifiers are taking aim at the needs of musicians, DJs, and performers of all description. Consisting 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 and is marked by affordable prices that go easy on virtually any budget.



QSC's GX Series amplifiers

At eight ohms, the GX3 and GX5 are rated at 300 and 500 watts respectively, offering the continuous power capacity needed for a majority of common passive loudspeakers in use today. Outfitted with roughly 2X the continuous power capacity required by the top-selling non-powered loudspeakers on the market, the GX Series is the simplest and best answer to the question "what power amp do I need?"

Both GX amplifiers are equipped with all the input and output connectors needed for compatibility with virtually any source, loudspeaker, or wiring scheme. The lightweight design of the amps combine with their compact size to make either model easy to move or mount within small, portable racks. Just as easy to use, both the GX3 and GX5 feature straightforward user-selectable functions accessed via simple front-panel controls.

Every GX amp leaves the factory with carefully-tuned GuardRail technology that guarantees full, peak power without harmful levels of distortion. As a result, the only way to get serious distortion from a GX amp is by sending distortion into it.

At the heart of the GX Series lie linear toroidal power supplies similar to those used in QSC's popular RMX line of amplifiers. Delivering improved thermal stability and efficiency when compared to a number of other amps in its class, the GX3 employs a Class B output topology that squeezes every watt available from electrical circuits often overburdened by other stage gear.

The GX Series amps are the smallest in their class at almost half the depth of the competition.

## Altinex Spotlights MultiTouch Screen Panel Line

Altinex (Booth C3348) is broadening its presence in AV control systems with the introduction of the new MultiTouch line of touch screen panels. With seven models featuring an intuitive graphical user interface (GUI), the new MultiTouch product line is directly compatible with Altinex' MultiTasker modular AV system and can also be used with other manufacturers' equipment.

Each MultiTouch panel provides a wealth of connectivity options designed to provide maximum flexibility for controlling today's sophisticated AV systems. Each panel is provided with dual RS-232 ports, two network ports, two to four USB ports (depending upon model), along with a built in wireless access network plus Bluetooth. Additionally, the MultiTouch panels' wireless access capability can be permanently disabled for use in

secure environments.

Altinex' new MultiTouch touch screen panels are available in sizes ranging from seven inches to 19 inches, ensuring a perfect fit-both functionally and aesthetically-for a wide range of environments. All MultiTouch panels are powered by an external 12V universal power adapter.

Designed to facilitate unlimited control capabilities, an embedded Windows XP operating system resides at the heart of the new MultiTouch control panels. In addition to their operational ease, these new panels are a breeze to program using the company's AVSnap system design and control application software. The combination of the familiar Windows interface and easy-to-use AVSnap application development software makes it a breeze to develop a comprehen-



Altinex's MultiTouch touch screen panels

sive and visually pleasing GUI on a local computer and then effortlessly transfer it to the MultiTouch panel via a USB flash drive or a wireless IP connection.

## FOR-A Expands MV Series Multi-Viewers

FOR-A Corporation of America is introducing the latest member of its MV series, the MV-1610HS 16-channel, multi-viewer, the HVS-650HS switcher and the MPB-100VW Video Writer at Booth C2316.

First shown at NAB2008 in April, the MPB-100VW Video Writer features a telestrator that responds to a finger's touch. The Video Writer allows a user to draw and point with a finger through an optional touch panel in real-time over HD/SD-SDI video in real-time. It has pre-programmed graphic shapes for ease of use, but can also process straight line and free-hand draw-



A screen shot from FOR-A's MPB-100VW Video Writer

ings as well. The Video Writer creates an array of lines that vary in color, edge width

and thickness. Drawn objects can be moved, copied or deleted as needed during demonstrations.

The MV-1610HS, also introduced at NAB2008, supports mixed input of HD-SDI, SD-SDI and analog composite signals. High-resolution video output using a DVI terminal is included as standard.

The viewer can be set to divide the screen in many ways, enabling the combination of small and large images. It also includes a layout editor which allows the user to make any changes to split-screen patterns from a computer.

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## Berklee Venue Gets a Meyer Gear Upgrade

The 1,215-seat Berklee Performance Center has historically been the crown jewel among the live venues on Boston's Berklee College of Music campus and was diligently served by a celebrated Meyer Sound system for nearly 20 years before Berklee decided to perform an upgrade. To maintain the pristine sound quality that the theatre was known for, Berklee found the best solution in a Meyer Sound (Booth C3649) self-powered system based on M'elodie line array loudspeakers.

The new M'elodies replaced a conventionally powered Meyer Sound system based on the esteemed legacy MSL-3s. Associate direc-

tor of production Brad Berger evaluated potential line array-based replacements with a goal to find a system with power and performance surpassing the MSL-3s. The chosen system would also need to be sufficiently compact to fit the room's narrow confines, which include a stage of just over 28 feet wide.

"I flew down to Nashville for a demo at Meyer Sound's office at Soundcheck right after M'elodie was introduced," recalls Berger. "I was blown away. They had a band there that played every imaginable style of music, and it all sounded superb. I also knew the arrays would fit the room beautifully."

The new system is anchored by eight M'elodies per side flown at the proscenium, with bass augmented by two 600-HP subwoofers. Two M1D line array loudspeakers are spaced singly along the stage lip for front fill. On stage, in addition to four new MJF-212A stage monitors, the augmented monitoring system now offers two 600-HP subwoofers with two "loose" M'elodie cabinets available as low-profile monitors that supplement an existing stock of 16 legacy UM-1 and two USM-1P stage monitors.

The system was provided by Boston-based AVFX and was designed jointly by Berger and



**The 1,215-seat Berklee Performance Center at Boston's Berklee College of Music recently upgraded its celebrated 20-year-old Meyer Sound system with a new Meyer self-powered system based on the company's M'elodie line array loudspeakers.**

Meyer Sound Design Services using MAPP Online Pro acoustical prediction program. Installation was handled by Berklee production staff members Berger's supervision.

## Liberty Launches 'Green Connectivity' Initiative

Liberty Wire & Cable (Booth C3160) is launching a major "Green Connectivity" initiative that embraces environmentally sensitive and responsible corporate citizenship in both the AV products the company manufactures, as well as the way it conducts business and operates its facilities.

Liberty's "Green Connectivity" initiative signifies its commitment

to expanding the number of environmentally friendly products it offers, to reducing Liberty's carbon footprint and saving customers money, to developing a green footprint for each of Liberty's buildings and facilities, to developing paperless account management options, and to developing a broad selection of energy-saving product solutions.

"Liberty has been a pioneer in developing environmentally sound wire and cable products, ahead, in most cases, of customer awareness and governmental legislation," says Kirk Horlbeck, Liberty senior vice president of marketing. "We intend to continue to be in the forefront of these activities as new products and solutions become available. 'Green Connectivity' is how the professional AV industry stays connected."

On the operations side of the initiative, Arnold Wadle, Liberty vice president of operations, explains that "Liberty Wire and Cable employs state of the art technologies to both reduce and monitor our energy consumption footprints. These help to conserve our global resources. In addition, our buildings and business processes are audited to reduce our need for overall energy consumption, and to increase our ability to recycle."



**Liberty Wire & Cable's Green Connectivity guide explains Liberty's environmentally friendly policies and practices**



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## Shure Expands Countryman Product Offerings

As a distributor of Countryman products, Shure Incorporated (Booth C3449) is expanding its lineup of Countryman Earset and Micro-Lavalier microphones to include new models and color options ideally suited for use with its new UR1M Micro-Bodypack. In addition, Countryman's Type 85 Direct Box will now be available from Shure.

Providing exceptional sound quality and comfort while remaining virtually invisible to the audience, the latest Countryman products being distributed by Shure are sold in configurations offering multiple coverage

patterns, skin tone colors, and feature two types of connectors.

Perfect for wireless applications in which concealment is a priority, the WCE6 and WCE6i Earset microphones are the smallest and lightest in their class. Nearly impossible to detect against a wide variety of skin tones, the microphones are outfitted with a rugged, bendable boom that ensures a custom fit for every user.

All-purpose, just as reliable and equally easy to hide, the Countryman WCB6 Micro-Lavalier microphone now available from

Shure is smaller than the cable of other lavalier mics at only .1 inches thick. Sold in colors that blend in an undetectable fashion with clothing and different skin tones, this subminiature device performs very reliably while offering excellent rejection of surrounding noise.

The last of the new Countryman products shipping from Shure is the Type 85 Direct Box. Sleek and nearly indestructible, the low-profile device delivers the purest signal possible to the mixing console with no added coloration, distortion, or loss of dynamic range.



Countryman's Type 85 Direct Box is now available from Shure

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## Hitachi Software Enhances StarBoards

Hitachi Software Engineering America, Ltd. (Booth C914) is introducing a new FX Duo Wireless Kit for its StarBoard FX Duo-series interactive whiteboards. The unit is an add-on wireless device that enables the boards to wirelessly connect with users' PCs.

The FX Duo Wireless Kit is a compact unit weighing less than a pound with about the same footprint as a small DSL cable modem. When plugged into the FX Duo's USB port, the wireless kit emits a WIFI 802.11g signal, which the PC can then pick up and use to connect to the board. This enables complete control of content on the board as usual, without any wires running between the PC and the board.

"At Hitachi, we're always looking for ways to expand the usage of our interactive whiteboards," explains John Glad, product manager for Hitachi Business Group. "The FX Duo Wireless Kit opens up a whole new world of freedom for our users. They can connect with their boards across large rooms or lecture halls, and set up their PC wherever they please."

The FX Duo Wireless Kit can easily be installed using instructions provided along with Windows Connect Now Support. StarBoard FX Duo users simply install the new software, plug the wireless kit into a wall outlet, and connect the FX Duo to the unit via USB cable. They can then locate the board wirelessly using the installed software on their PC.

Using the FX Duo Wireless Kit, presenters and educators have the freedom to place their laptops anywhere in the room. The unit increases the range of connection for rooms where there is significant space between the PC and FX Duo Board.

Additionally, the FX Duo Wireless Kit increases the functionality of the boards. The wireless kit simplifies setup, allowing for a neat and flexible installation that decreases the need for wires and frees USB ports in the PC.

## A&H iLive Gets Grimey in Florida's Emerald Coast

TSC Productions, owned and operated by Brendon "Grimey" Grimes, recently purchased an Allen & Heath (Booth C3908) iLive-144 64-input x 32-output system. Based in Florida's "Emerald Coast," TSC Productions' iLive has served mixing duties for a wide variety of events ranging from outdoor festivals to Ultimate Fighting events to touring acts at the various spring break fueled clubs in the Destin/Fort Walton Beach area.



**Brendon 'Grimey' Grimes, owner of TSC Productions, recently purchased an Allen & Heath iLive-144 64-input x 32-output system**

"The iLive has been a fantastic console for our events," says Grimes. "The layout is like an analog console, so it is very familiar and any of our engineers or guest engineers can get up and running with it in five minutes. Also, the iLive sounds amazing, the pre-amps are beautiful and really, really clean. We have done several events with the iLive including the LoCash Cowboys at the Block, the Ying Yang Twins and Bubba Sparks at

the Nighttown Club, Ultimate Fighting at the Emerald Coast Convention Center, and at the end of May, we will be doing the Doolittle Raiders Homecoming Celebration at Eglin Air Force Base.

"The LoCash Cowboys have been playing

at the Block club for years now," continues Grimes, "and love both the Fort Walton Beach area and the The Block's hospitality. So much that they shot one of their music videos there. While their tour schedule has picked up since they have been signed, and are currently on the RedMan/Maxim Roadhouse Tour, they still stop in and play the Block when they can. This

past show was no different. They brought a seven-piece band including fiddle, acoustic and electric guitars, bass, drums, and vocals. We had them dialed in with a couple of different reverbs and delays, comps and gates on the drums and amps, and some EQ sweetening where necessary. The signal processing on board the iLive is extremely high quality and easy to use. Even the LoCash boys told me after the show 'The sound was great! And the board looks cool too!'"

## SKB Ships 20-In. Rolling Shock Racks

SKB Corporation (Booth C4375) is shipping its new 20-inch Rolling Shock Rack cases. Available in three sizes, 4U (3SKB-

R04U20W), 6U (3SKB-R06U20W) and 8U (3SKB-R08U20W), the new models enhance previous SKB offerings by adding wheels and a sturdy pull handle, as well as SKB's patented TSA locking trigger latches.

These new rolling cases are rotationally molded for outside durability and come standard with eight elastomer shocks (load range up to 150 pounds). The load range can be increased by adding an additional shock on each mounting point (load range up to 300 pounds).

A new feature is the inclusion of SKB's Patented trigger latches with TSA locks, which allow for TSA screeners to exclusively unlock cases for security checks while keeping the contents otherwise locked and secure.



SKB's 20-inch Rolling Shock Rack case

## Digidesign Showcases VENUE Mix Rack Option for Live Sound

Digidesign (Booth C4357) is using InfoComm to show off the latest addition to its award-winning VENUE live sound environment. Mix Rack is a powerful new hardware option that combines all stage, local audio I/O, and DSP processing into a single, compact 11-space rack. As an alternative to the separate D-Show FOH Rack and Stage Rack systems, Mix Rack offers much of the same functionality while offering a simplified and lower-priced configuration options that are ideal for small- to mid-sized venues, houses of worship, and corporate A/V applications.



**Digidesign's Mix Rack Option for its VENUE live sound environment**

crete inputs/outputs or insert pairs; \*two-track analog and digital (AES or S/PDIF) inputs and outputs; \*1x1 MIDI I/O; \*Word Clock I/O (with active and signal present LEDs); \*Com/Aux input (XLR/TRS).

Mix Rack's modular card slot system offers plenty of space for users to configure the system without sacrificing functionality.

The base Mix Rack configuration comes with two Mix Engine cards (expandable to three for additional TDM plug-in processing), D-Show 2.7 software, VENUEPack 3.0 plug-in bundle, a built-in ECx Ethernet port for remote control, and a full complement of primary and ancillary audio I/O, including: \*48 high-quality, fully recallable analog XLR mic/line inputs; \*16 analog XLR line outputs (expandable to 32); \*eight analog TRS line-level I/O, assignable as dis-

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## Martin Launches Omniline Micro-Line Array

At Booth C4003, Martin Audio is showcasing its versatile new Omniline micro-line array system in its introduction to the U.S. market. Omniline is designed for both foreground applications and sound reinforcement in the widest variety of architectural environments.

The elimination of high-frequency side-lobes gives Omniline the advantage over currently available DSP-steered columns, making it suitable for high quality music reproduction and speech in large, reverberant spaces.



### Martin Audio's Omniline micro-line array system

Each Omniline array is constructed by connecting multiple array modules. Up to 32 modules can be connected where both high output and vertical focusing down to low/mid frequencies are required. A smaller number of modules—down to four—can be used for shorter-throw applications where vertical focusing of the low/mid frequencies is less critical.

Omniline achieves vertical beam forming

by physically articulating individual array modules using powerful, patent-pending optimization software to curve the array rather than applying DSP to a traditional column. This enables focused sound energy to be delivered exactly where it is needed and kept away from reflective surfaces and ceilings.

The Omniline module consists of 2 x 3.5-inch reflex-loaded, low/mid radiators either side of a central strip of 5 x .55-inch HF devices in a unique, patent-pending arrangement. The horizontal coverage angle of the Omniline array is 100 degrees at the -6 dB points.

## Klein + Hummel Expands K8 System

Klein + Hummel (Booth C3475) is expanding its innovative K8 digital audio distribution system with the addition of four new components: the K8-ESB EtherSound Bridge, K8-AO2 Analog Audio Output, K8-AES16 AES3 Audio Input and K8-AES016 AES3 Audio Output.

Using the new K8-ESB EtherSound Bridge, users can take any eight or 16 EtherSound audio channels and encode them onto the K8 system. A stereo pair of digital audio channels can be taken from the K8 digital bus using the K8-AO2 Analog Audio Output, which will decode them into individual line level analog outputs. The K8-AES16 allows the system to be fed from any device with AES3 standard outputs, putting 16 audio channels from AES3 onto the K8 bus with a single rack unit box accepting any sample rate from 32kHz up to 192kHz, while the K8AES016 takes any four or eight AES3 stereo audio channels and decodes them into line level analog outputs.



Klein + Hummel's K8-AES16, one of the four new components in the K8 digital audio distribution system.

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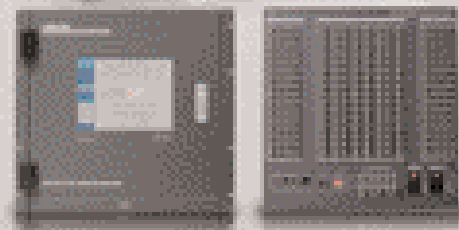
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- ▶ Audio conference unit
- ▶ Wireless simultaneous interpretation system



## Barco Enhances Projector Features

At Booth C2830, Barco is introducing several new projector features and packages.

For the CLM HD8 and CLM R10+ single chip DLP projectors, several new aggressively priced packages are being introduced. For all FLM series projectors, a new universal lamp housing is being offered that significantly reduces the overall cost of ownership. In addition, a new internal warper card is being unveiled that enables images to be projected onto curved surfaces. For the CLM and FLM series, a DVI-HDCP module is being introduced that enables customers to project from HDCP compliant sources such as Blu-ray players.

For Barco's creative LED product line, new products and peripherals are on display. To enhance the MiTRIX product line, a new rental structure is being introduced that is specifically designed for larger walls. The rental structure includes integrated protection for the MiTRIX ribs, integrated handles for easy lifting, and new spider-cascade cables for easy setup.



Chris Foreman, vice president and COO of Community Professional Loudspeakers, shows off the company's new ENTASYS column line-array at Booth C3963. The ENTASYS is a three-way, full-range speaker system in a compact weather-resistant package.

## Lakoumentas Has the Vibe

After three decades in pro audio, Costa Lakoumentas is launching Vibe Labs (Booth C5187), a company dedicated to a new and refreshing approach to the design, engineering and marketing of gear aimed at professional sound reinforcement and installed systems. Countering the recent trend to consolidation where ever-larger companies are being created, Vibe Labs stands independent. Founder and CEO Lakoumentas comments, "I was inspired to create a company where we could focus on delivering great products and great value in a customer-centered business model, as opposed to the corporate brand mentality increasingly pervading our industry."

Lakoumentas has an extensive history in the manufacturing side of pro audio, having served in various senior roles at Mackie, Tannoy and most recently as President of IAG Professional Brands. His product development history includes creation of digital and analog audio products, design software, loudspeakers and advanced network technology. He is named on a U.S. patent for his work on digital audio and holds the CTS designation.

### newsfrom

#### ATLONA TECHNOLOGIES

Atlona Technologies' (Lenexpo Electronics Company, Booth N6848) flat HDMI cables are now HDMI 1.3b Certified. Atlona Flat HDMI Cables are offered in lengths up to 20 meters (66 feet) and support HDMI 1.3b standards for transferring high resolution video up to 10.2Gbps and high definition audio Dolby TrueHD and DTS-HD Master Audio. Cables are available in black or white colors and can also be painted.

## Horizon Joins Samsung Digital Signage Alliance Program

Horizon Technology (Booth N6567), an ISO 9001:2000 certified integrator specializing in display solutions, has been invited by Samsung to be the first display integrator to participate in Samsung's Digital Signage Alliance program. Horizon is already part of the NEC Display Solutions Integrator Select program. They will support Samsung with its established value added integration services for digital signage applications.

"We are honored to be affiliated with two of

the top display brands in digital signage," states Kurt Johnson, CEO of Horizon Technology. "Both of these premier brands have a reputation for delivering quality, leading edge display products that tie in well with our company's customer-centric business model, which focuses on reliability, responsiveness and quality."

According to Richard Hutton, Samsung senior channel marketing manager, "Horizon Technology was chosen to join Samsung's Digital Signage Alliance program due to their



Horizon Technology is the first display integrator invited to participate in Samsung's Digital Signage Alliance program

reputation of designing state-of-the-art touch screen solutions and for delivering aesthetically pleasing products and outstanding customer service."

LONDON

"Corporate clients developing a global plan for audiovisual systems understand the need for consistency. Verrex has been recognized for our ability to develop solutions locally and successfully implement them on a global basis."

- Thomas Berry Jr., President

### announcing the launch of Verrex Europe

24 Mead Business Centre  
Mead Lane, Hertford  
Herts, SG13 7BJ UK

Verrex now brings its design-build services to Europe with the opening of its London office. Whether in New York, London, Toronto or Frankfurt, companies requiring a global standard for audiovisual systems now have an end-to-end AV partner to meet these needs. Verrex Europe is a full service office that provides design, engineering, project management, installation, control systems programming, warranty support and on-site staffing.



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## Wireworks Cabling Contest

Wireworks is asking show attendees to take a stab at its "How Many Feet of MusiLUX Cable is in the Bowl?" contest at Booth C2823. Visit the booth at any time today and tomorrow up until 2:00 p.m. and submit your best estimate written on the back of your business card. The participant with the closest guesstimate, without going over, will win the full assortment of MusiLUX's 10 colors in 500-foot spools or they can choose whichever color they prefer. The winner will be announced at 4:00 p.m. on Thursday.

## Unprecedented Growth for Shen Milsom & Wilke

by J. Steven Emspak

The face of the prototypical AV consulting firm is changing, and changing rapidly. Twenty-two years ago, when Shen Milsom & Wilke (SM&W) was first formed, projects were measured in square footage and 'bid dollars,' with a good-sized project for AV being 100,000 square feet with a dollar value of \$200,000 (AV build-out costs).

Today we see things a bit differently. Some projects are measured in square miles, and, needless to say, the dollar values have increased dramatically as has the complexity of the technology within.

The projects are no longer standalone entities, nor can they come into existence with the services provided by a single individ-

ual or a single office. Thus, SM&W has grown over the years to incorporate six closely linked consulting disciplines with 200 employees in 14 offices worldwide.

The scale of SM&W's projects is growing exponentially. Examples include a 50-plus building, multi-site, and multi-use complex—totaling more than 14 million square feet—to be designed and constructed in only three years. To accomplish this project alone SM&W will mobilize nine of its 14 offices.

If that isn't enough, another 20-plus-building project with an AV budget of more than \$100 million requires complete design

and specifications in eight months. SM&W is also embarking upon the design of a project where the medical equipment has a budget of more than \$1 billion.

So where does this leave us going forward in an economy on a downturn? How can this be sustained? As SM&W moves forward we will undoubtedly see an expansion and unification of our consulting disciplines as more and more projects are calling out for the unique services provided that only a tightly integrated, geographically diverse, multi-disciplinary firm such as SM&W can provide.

*J. Steven Emspak is a partner with Shen Milsom & Wilke.*

SKB (Booth C4375) is showing its complete range of transport cases for audio/video applications, including recording, lighting, digital signage, plasma screens, computers, and rackmount processors. Shown is Jerry Andreas, SKB senior vice president.

## Hitachi Targets Education, Corporate Markets with CP-A100 LCD Projector

Hitachi Home Electronics (America), Inc., Business Group (Booth C914) is unveiling the CP-A100 LCD projector. This new model fea-

tures a very short throw distance, eliminating the problem of presenters obstructing the projected image by standing in front of the screen. Additionally, the CP-A100 offers networking capability, allowing multiple projectors to be controlled and monitored from a single location.

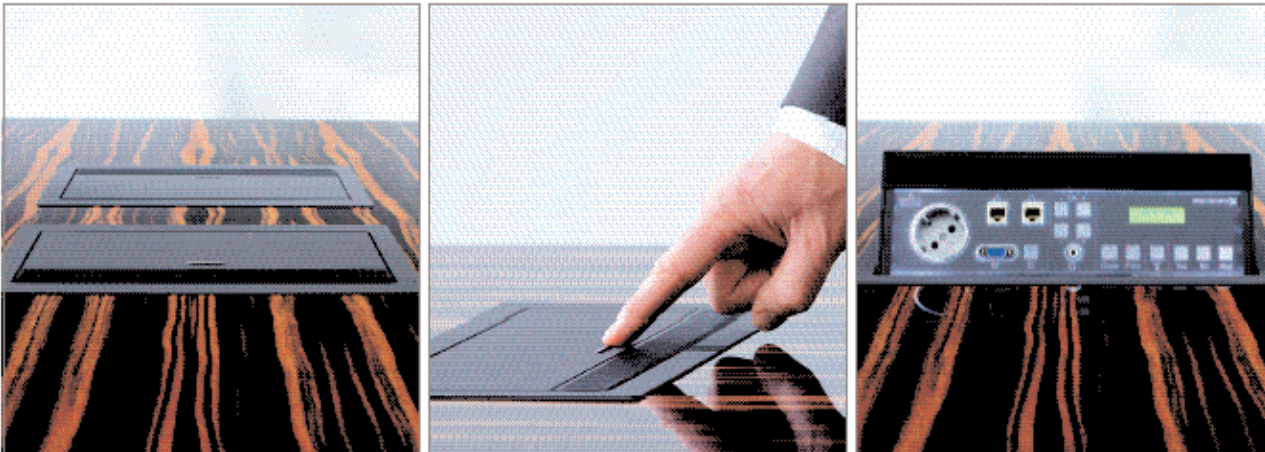
The CP-A100 boasts an extremely short throw distance of 60 inches at 1.4 feet. The versatile CP-A100 can be placed vertically and horizontally, as well as inverted for ceiling-mount applications, making positioning of the projector more convenient.

Adding to the user's convenience is the network connectivity of the CP-A100, which allows for simultaneous monitoring and control of several projectors from a remote location. It offers a brightness of 2,500 ANSI lumens, XGA resolution and a 400:1 contrast ratio.



Hitachi's CP-A100 LCD projector

## H I D E & S P E A K



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





Visix president Sean M. Matthews shows off the company's new Room Sign Line and Extron IP Link at Booth C2101.

## Panasonic Unveils New 3-Chip DLP Projectors

Panasonic Projector Systems Company (Booth C2401) is unveiling its new 12,000 lumen three-chip DLP projectors that set the standard for displaying High Definition content in large venues. The PT-DZ12000U (1920 x 1200 pixels) and PT-D12000U (1400 x 1050 pixels) models are designed for large venue and rental & staging solutions such as, commercial digital cinema, higher education, corporate and digital advertising customers.

Both the PT-DZ12000U and PT-D12000U include new, built-in edge blending and warping functions. Edge blending, used primarily for the rental & staging market, makes it possible to overlap multiple images to create a single larger image, thus enabling users to project images on oversized screens for large audiences. The Panasonic Projectors' easy to operate warping function allows images to be projected on curved surfaces, making it an ideal projector solution for museums with amphitheatres and other similar-type settings.

The PT-DZ12000U and PT-D12000U both go beyond full-HD expectations by setting a

benchmark of 12,000 lumens of brightness. The three-chip DLP technology provides resistance to image deterioration over time to ensure reliable, high-quality operation. They are also equipped with a 3D Color Management feature that helps optimize color saturation, hue and brightness levels for approximately 1,070,000,000 colors.

Panasonic picture quality for the PT-DZ12000U and PT-D12000U are also supported by a new Detail Clarity Processor. The projector's new Detail Clarity Processor analyzes frequency characteristics of each frame and applies necessary sharpness at varying degrees to create natural, life-like images with exceptional clarity.

### newsfrom

#### AUDIO-TECHNICA U.S.

Audio-Technica U.S., Inc. (Booth C3757) is showing its new SpectraPulse Ultra Wideband (UWB) wireless microphone system. SpectraPulse bypasses the increasingly congested RF environment to deliver clear, intelligible audio without the performance and set-up issues associated with conventional wireless systems.

## Sennheiser MKH 8000 Series Keyed to Install Applications

The new MKH 8000 Series from Sennheiser (Booth C3475) is must-listen for all professionals, and may now be perfectly integrated into any 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 appro-

#### Sennheiser's MKH 8000 Series stand

appropriate. The modular and compact MKH 8020 (omni), MKH 8040 (cardioid) and MKH 8050 (supercardioid) each adds subtle, natural warmth to the live mix.

The versatile MKH 8000 Series has been used as a shotgun mic in the popular TV Series, "American Gladiators"; to handle the recording needs at San Francisco's famed Grace Cathedral; by Lou Mannarino to record the New York Philharmonic and by Robert Friedrich at Telarc International.



Christie is showing the new LW400 WXGA projector, featuring inorganic LCD panels at Booth N5427. Pictured (l-r) Christie's Owen Remers, tradeshow coordinator, and Steve Capling, senior manager, tradeshow and events.



At Booth C4549, Mackie is showing its TT System32 digital live mixing system, which combines Mackie's TT24, DS3232, and everything necessary for a complete, plug-and-play digital live mixing system. Pictured: Gilbert Perales, product manager, Mackie/TAPCO Brand Group.

# thanks!

## To the Officers

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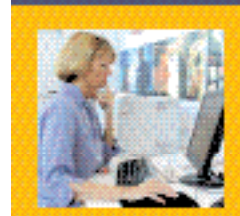
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Mitsubishi Digital Electronics America's Presentation Products Division's director of marketing James Chan is showing the Resolia LED big-screen monitor for the first time at Booth C3103. The 140-inch Resolia monitor is designed for indoor signage applications such as billboard advertising or informational displays in malls, airports, sports arenas, casinos, entertainment stages, and other public venues.



Industry golfers raised money for a good cause as the NSCA Education Foundation and ICIF donated money to the Nevada chapter of the Juvenile Diabetes Research Foundation. Pictured (l-r): Loyd Ivey, Atlas Sound and NSCA Education Foundation; Charlie House, Nevada Chapter JDRF; Barry Goldin, Audio Video Systems ICIF. Champions of 2008 Systems Integration Industry Charity Golf Event were Tom Moffatt, Don Nash, Tom Frericks, Russ Gentner, and Bruce Frederickson.

### Three Shows in One

*continued from page 1*

the Member Breakfast and Industry Forum, and more than 80 NSCA University courses. Finally, the NSCA Zone is centrally located on the show floor, featuring many of NSCA's research reports and a staff that can discuss SystemsPlus Insurance Solutions and the many other ways that NSCA can help you save time, make money, and solve problems.

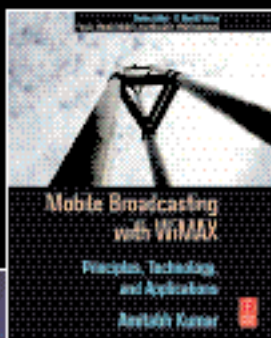
"Taking our show out of the calendar keeps costs down for the exhibiting companies," says Chuck Wilson, Executive Director of NSCA. "We will continue to do other events together in the future, such as TechWeek, making better use of time for everyone."

InfoComm 08 is one-stop-shopping this year, as it also co-locates with the IT and telecommunications show NXTcomm (previously SUPERCOMM) for the first time. Convergence between AV and IT is a hot topic in our industry right now, and NXTcomm is the destination if your business and technology interests lie anywhere along the ecosystem of network-enabled voice, video, and data.

"NXTcomm for us is a real strategic advantage," says Lemke. "People from our side will be able to see what's available in broadband and distribution. Manufacturers from our industry will be able to get into conversation with people here for NXTcomm, which will be wonderful for technology in the future."

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Capitol Sales is at Booth C2638 to provide insight and advice for your systems design needs, and is showcasing the many brands it distributes. The technical sales and design team on hand to answer any questions includes (from left) Holden Hanson, Kelly Clement, and Dave Brewster.

### Super Tuesday

*continued from page 1*

of educational opportunities," says Randal A. Lemke, Ph.D., Executive Director, InfoComm International. "The Technology Trends course is the annual favorite," Lemke points out.

This year's lineup included a handful of new courses at the basic, intermediate, and advanced levels. One course in particular focused on the virtuous deed of going green to help preserve the environment. "LEED 101: Getting Started with Green," was delivered by Jim Weiner, AIA, Collaborative Project Consulting. Weiner provided 85 attendees with an introduction to USGBC and the LEED Green Building Rating Systems, as well as infor-

mation on the benefits of green building.

"We're just at the beginning of shaping the industry toward going green," says Mark Valenti, CTS, InfoComm president and president and CEO of The Sextant Group. "At next year's InfoComm, there will be an even greater emphasis on green products," he adds.

Other new Super Tuesday courses included those on the advanced level, such as "AV Best Practices," by Jim Smith, CTS, director of strategic initiatives, HB Communications.

Though it's not part of Super Tuesday, the course "Green AV" by Scott Walker, CTS-D, LEED AP, Principal, Waveguide Consulting, is being held today from 12:30-2:00 p.m. as part of the InfoComm Academy. The course will be repeated tomorrow and Friday.

### AV/IT

*continued from page 1*

will explore new AV and IT technologies and applications as real-world AV meets Web 3.0.

Yet another course concerning AV/IT convergence is "IT Speak' for the AV Pro," taught by Max Kopsho CTS, MCSE, today from 12:30-2:00 p.m. This class will cover basic terminology for IT from an AV perspective.



More than 580 people, the highest attendance ever, also took the Institute for Professional Development (IPD) sessions this year. Started on Saturday, the three days of classes featured in-depth technical, design, and sales instruction packed into eight classes.

An AV industry tradition for more than 40 years, the IPD hands-on, in-depth training is developed by AV industry experts.

**Kirk Horlbeck of Liberty Wire & Cable addresses the IPD on Saturday afternoon. Liberty Wire & Cable sponsored the luncheon.**