



For Europe's Pro AV integrators in a Networked World

Volume 4, Issue 30 - 3rd - 9th August 2008

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Save money with filter-free DLP Projectors.



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### Industry News

#### IS Russia Will Double, Says Organizer

Organizers predict IS Russia will be double the size of last year's inaugural event.

**Integrated  
Systems  
Russia**



Daria Nedumova, Project Manager for show co-organiser MidExpo, says: "Last year we had 1950 net sq. metres of space reserved for Integrated Systems Russia. This year the figure is 4250 net, and 85% of that is now sold. With another 3 months to go before the show is due to open, we are confident we will sell out."

A JV between MidExpo and ISE, IS Russia this year will be held 30 October to 1 November at the brand-new Crocus Expo convention centre.

Exhibitors returning to this year's show are Mitsubishi Electric, Crestron, AMX, Extron, Kramer Electronics, Christie, Chief Manufacturing, Vantage, Lighthouse Technologies and Jupiter Systems. New exhibitors confirmed for 2008 include Sony, Barco, Panasonic, Planar, Canon, Philips, Sonance, Danish Interpretation Systems, Altinex, Taiden, Tecom Electronics and Sharp.

IS Russia 08 will have two new themed pavilions: Digital Signage, and Digital Education.

IS Russia is co-located with Hi-Tech Building & House, MidExpo's established show for building management, home networking, security, lighting control and HVAC technologies.

On the eve of IS Russia 08, MidExpo and ISE will co-host a 1-day conference entitled 'Professional AV Technologies and Building Management Systems in Commercial and Residential Applications' at Moscow's Aerostar Hotel.

Go to [Moscow for IS Russia](#)

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**PROJECTA**

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## Control & Integrator Solutions

### CrossPoint Ultra, 600MHz Matrix Switchers

Extron introduces the CrossPoint Ultra Series of Ultra-wideband matrix switchers for hi res computer-video and stereo audio routing systems.

CrossPoint Ultra offers UWB performance of 525 to 600MHz (-3dB) RGB video bandwidth, fully loaded, depending on model. They have ultra-flat frequency response of  $\pm 0.5$  dB or less through the critical portion of the bandwidth curve, from 0-130MHz (creating a transparent A/V signal path for the hi re system designs with multiple levels of signal processing). The low crosstalk, with channel-to-channel isolation of -56 dB or better at 100 MHz, minimizes signal leakage across video channels and eliminates signal bleed-through.

CrossPoint Ultra is available in 12 models and six I/O sizes from 8x4 to 16x16.



Go [CrossPoint Ultra Series](#)

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## Portable Broadcast Mixer Debuts

JK Audio's RemoteMix 4 is a 4-channel field mixer and headphone amplifier that also serves as a communications interface. RemoteMix 4 features a phone line hybrid and keypad, a PBX handset interface, and a cell phone interface. And it's smaller than a lunch box!



RemoteMix 4 was designed for live remotes and you can use it as a phone line hybrid, calling into your studio talk show hybrid, and use it as a front end mixer for your POTS, ISDN or IP codec. Use it with your laptop codec.

This product also gives you the phone connectivity with four IFB feeds, so you can send and receive interview audio, and pull IFB out of any business phone system, even a cell phone.

Go to [RemoteMix 4](#)

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## New Architecture to Change Signal Management?

PixelNet is a new way to capture, distribute, control and display digital and analog video sources. Jupiter (the inventor) says PixelNet architecture is "poised to change the way AV signaling is managed."



Based on a switched, proprietary network, PixelNet consists of input nodes and output nodes which connect through a PixelSwitch. At the heart of a PixelNet network is one or more Fusion display wall processors, all connected together via standard CAT5e/6 network cabling.

Using packet-switching, Jupiter says any info source can be shown on any display, as a window on a single display, or as a window spanning multiple display devices in a display wall. Any source can be shown at any size on any display or array of displays.

PixelNet is an all-digital system and input and output signals can be either digital or analog. All video processing is done in the digital domain including cropping, scaling, de-interlacing and noise reduction. This is OS-independent, and uses unshielded twisted pair cabling.

Go [PixelNet's Packet Power](#)

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TVskin™



Customize your display

The logo for Vogel's Professional, featuring a stylized atom symbol to the left of the text 'vogel's Professional'.

[www.vogels.com](http://www.vogels.com)

[Click above for more information](#)

## Projection & Screens

### "World's Smallest Projector," Says Aussie Firm

In Australia, Mint Wireless says it will launch "the world's smallest projector" in September: at 125 x 55 x 23mm the device is pocket-sized.

Mint Wireless teamed up with Aiptek in Taiwan to produce the wee projector that can project a 50" image from two meters.





Alex Teoh, CEO, Mint Wireless says "...There is nothing like the pocket projector on the market today - it is a true hybrid product that can be used for both business and leisure. Given the success of devices such as the iPhone, we expect the projector will fit well into this market."

Mint Wireless claims the LED lamp has life of 20,000 hours and that the lamp does not require a warm-up prior to use-- and the rechargeable Li-ion battery is good for an hour-long presentation. The resolution is 640x480 in 4:3 format. The machine will retail for around \$600 (US).

Go ["World's Smallest Projector"](#)

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## Record (for Size) to Go Up in Smoke

OK, we'll show a miniaturized projector the size of a cigarette case shown in Japan by Nippon Signal Co Ltd.



This SVGA (resolution: 800 x 600) compact color projector is about 90 x 55 x 20mm: because they reduced the size of the optical system lenses and the MEMS scanner that scans laser light beams in RGB colors.

Go [MEMS Scanners](#)

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## No, Dell Has the Smallest

On the other side of the world, Texas-based Dell unexpectedly started the tech blogs twittering when a Dell executive left a slide in a public PowerPoint presentation. That slide showed a coffee cup-sized projector with the Dell brand.



Half a kilo and no lamp at all.

Go [Dell's Cup o' Projector](#)

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## Well, Actually More Mini Projectors to Launch

September is the month a lot of mini projectors will be out—expect a dozen or so and an avalanche by year's end.

IFA Berlin is the place where you can see the early-to-market models. There's a DLP stand this year, too.

Stop by and see us too. We'll be in the RESELLER PARK, Hall 9/101.

## Digital Signage

### KeyWest HD-Video POD

Keywest Technology unveils the HD-Video POD , a high-def digital signage content player offering a cost-effective professional alternative to the DVD players frequently used in single-sign systems.



Keywest Technology specifically designed the HD-Video POD as an affordable, yet powerful replacement for the DVD players in use today driving tens of thousands of digital signs.

“As high def TV displays begin to dominate the digital signage market, those responsible for the signs face an interesting question,” says Keywest Technology president Nick Nichols. “Specifically, do they invest in the next generation of high-def DVD player, which can cost several hundred dollars and is not purpose-built for digital signage content playback, or do they look for a more professional alternative?”

“We believe the HD-Video POD offers the HD display support they need with the digital signage schedule building and management support they can’t find in a DVD player at a remarkably affordable price,” he said.

The HD-Video POD player is a complete hardware and software solution to drive an individual digital signage. With WiFi and Ethernet support, multiple units can be controlled and updated from a central Keywest Technology InfoZone network.

Packaged in a fanless “mini” chassis, the Linux-based unit comes with DVI, HD component, S-video and VGA output. The HD-Video POD player is available with USB memory support as well as with an optional 40GB hard drive for applications requiring greater media storage.

Additionally, the HD-Video POD comes with easy-to-use control software that runs on any Windows platform. The software is timeline based, allowing users to drag and drop video and graphics onto a timeline to sequence playback of media and build schedules. Existing playlists can be modified as they run.

Go **HD-Video POD**

## Installer News

### Sysco Gets to the Root of an Installation

Sysco completes an installation in a new visitor attraction, the ‘Root Zone’ at RHS Garden Wisley in UK.



Housed in the spectacular surroundings of the award-winning, world-class Wisley Glasshouse in Surrey, developed by the Royal Horticultural Society, the new Root Zone – the UK’s first – is an innovative interactive area where visitors can learn about plant roots.

In a cavern within the Glasshouse, the Root Zone with its displays helps teach visitors about how plants live, their health and what takes place underneath the surface in the roots.

The Root Zone’s exhibit co-ordinator, Nicky Evans, the Society’s first Principal Science Education Officer says: “You really do feel as if you are underground here, with technology re-creating and explaining roots and their functions. The lighting is

low, and the atmospheric soundtrack makes digging and creaking noises.”

A large model of a root system is built into the walls of the area with panels explaining 20 different functions that roots perform. Portholes show ‘buried treasures’ or products such as food, drugs and dyes that are produced by roots, conveyed by Dicoll R20T600-OFA1 20” LCD screens running looped media stored on dedicated PC-based image servers.

Interactive games and photographs give an idea of the diversity of root systems and how they operate within soils. Panels stress the dynamic nature of roots, showing how they change and morph as seasons progress and weather conditions vary, with six Dicoll R17L500-RMM1+5W-DVI interactive touch screen terminals provided to reveal a wealth of information. The demo of the below-ground parts of plants is reinforced by an ambient soundtrack with distributed Work Studio 20 speakers, driven by an Alcorn McBride AmpTraxx amplifier.

Go to [The Root of It All, Sysco](#)

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## Residential Systems & Digital Home

### Meridian Wows with 10 Megapixel Projector

“It took us 20 years to designate a CD player as ‘reference.’ It’s one term we don’t use lightly,” Meridian’s director of technology, Ken Forsythe, told press in describing the new 810 Reference Video System to be introduced at CEDIA Expo.

The \$185,00 projector/scaler system works on JVC’s D-ILA technology and Marvell’s Qdeo video processor.



The 810 projector has a new version of the JVC light engine with 10-megapixel resolution capability.

Qdeo video processing inside the scaler (co-developed with Marvell) enables conversion of any digital source – ranging from 480i to 1080p and in 4:3, 16:9 or 2.35:1 modes – to 10-megapixel resolution. The system will be available in four packages with lens systems of varying throw lengths, all at the same price.

The 810 system is Meridian’s 5th projector project (three of its previous four were co-developed with Faroudja).

Go [Meridian Megapixel Projector/Scaler](#)

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Well, that’s it for this edition of rAve Europe! Thank you for spending time with us as we follow the industry happenings.

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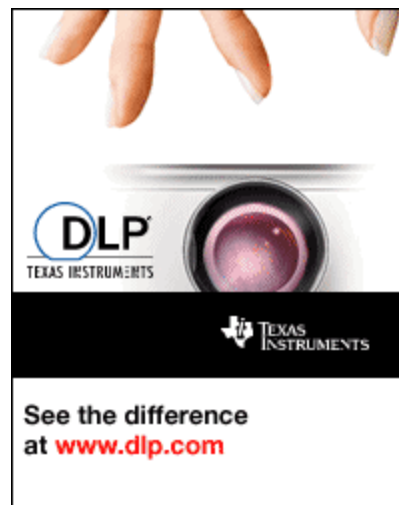
**A little about Gary Kayye, CTS, Chief Visionary, Kayye Consulting, Inc, and founder of rAve Publications:**

Gary Kayye, CTS is chief visionary at Kayye Consulting, a Chapel Hill, NC, USA-based firm specializing in marketing consulting and training development services to the ProAV and HomeAV markets. Recognized as InfoComm's Educator of the Year in 2004 and NSCA's Instructor of the Year in 2007. Gary is a columnist with Sound & Communications Magazine and founder of rAVe Publications, publisher of the premier HomeAV industry's eNewsletter (rAVe HomeAV Edition – published in conjunction with CEDIA), rAVe ProAV Edition, rAVe Rental [and Staging] and the newly launched Reviews By rAVe. Prior to forming Kayye Consulting, he spent 11 years at Extron and AMX as VP of Sales and Marketing and has previously served on the InfoComm Board of Governors, as the chairman of the Projection Shoot-Out and chairman of the AV industry's Professional Education and Training Committee.

Gary is currently serving on NSCA's Industry Advisory Board (IAB). In addition, he donates four weeks of his time a year as an active educational leader in the ProAV and HomeAV markets through free seminars and workshops at shows like NSCA, InfoComm, CES and CEDIA. He is a lively and fun speaker and every time he speaks, he mixes a visionary look into the future with a keen eye on how to get there. His clients have included Sony, InFocus, Crestron, Hewlett Packard, Steelcase, NEC, Da-Lite, Epson, Clarity, Apple, Scientific Atlanta, Cisco, JBL, Crown and Harman.

Finally, Gary's passion is a non-profit he co-founded called the Swim for Smiles Foundation ([www.swimforsmiles.org](http://www.swimforsmiles.org)). Swim for Smiles raises money for the North Carolina Children's Hospital through fun, active athletic events involving kids and swimming.

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