



For Europe's Pro AV integrators in a Networked World

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climbing through the roof?

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Barco Shares Olympic Gold

By all standards you'd have to say the Olympics in China were impressive. Lots of Gold Medals were earned. But one other should have been awarded: AV Supplier!

The Opening Ceremony of the Olympic Games, at Beijing's celebrated 'Bird's Nest' stadium, stellar event was attended by some 90,000 spectators and enjoyed by 4 billion TV viewers.

Directed by Chinese filmmaker, Zhang Yimou (Curse of the Golden Flower, Hero, House of Flying Daggers, Raise the Red Lantern), the creative show was powered by a number of Barco visual display solutions, including a total of 78 Barco High End Systems Orbital Heads, which allowed the production team to reposition the images anywhere in space – in this instance, onto different scenic elements on the field.

Working in conjunction with the Orbital Heads was a record 110 Barco High End Systems Axon Media Servers and 5 Wholehog 3 consoles. No visual event to date has incorporated so many servers of this type.

Barco is also providing LED solutions to the 12 Olympic Live Sites. At the landmark Jingxin Building, home to China's largest outdoor LED screen, the 758 square meters LED screen beams Olympic images to millions of visitors on Beijing's 3rd Ring Road. The Olympics soccer field in Shanghai is also lit up by a 391 square meters Barco LED screen.

Barco Security and Monitoring products were responsible for the surveillance in the Bird's Nest and other venues, for guiding the flight traffic at Beijing's new Terminal 3, and for directing all the road traffic at the city's Urban Traffic Control Centre.

"We knew it would be something special, but what we witnessed was truly beyond that. Our teams worked for over 18 months with the various teams involved in the Olympics. We are proud that through the efforts of our various product teams we have become the leading AV supplier to the Beijing Olympics." says Frank Christiaens, Managing Director responsible for Greater China.

And for all that...this year we're giving the Olympic Gold Medal for AV performance to...BARCO.

Go [Visualize Olympic Gold](#)

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Screens for Professionals

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Control & Integrator Solutions

Extron Power Supplies with ZipClip Mounting

The PS Series of ENERGY STAR-qualified external power supplies reduce operating costs and help meet green building requirements. The design, says Extron, provides more than 10X the life expectancy of traditional power supplies. The PS Series features ZipClip for quick and secure mounting.

The design of this power supply is ingenious. Certainly, there are more glitzy products out there to cover than power supplies, but the "wall-wart" supply is one of the most problematic products inside of an equipment rack and this SOLVES that problem. Congratulations to Extron for a refreshingly simple solution.

PS Series products work for 9v 12v, and 15v DC. They feature a 1/8th rack width enclosure that can be rack-mounted when used with an Extron basic or universal rack shelf kit. Channels in the body of the enclosure lets you mount to cylindrical structures (projector poles and table legs) with wire ties.

Each PS series product comes with a 6-foot detachable IEC power cord, a 6-foot output cable terminated in either captive screw or DC plug, and a ZipClip 100 mounting kit.

Go [PS We Love ZipClick](#)



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New Balun Set from Intelix

Intelix introduces the DIGI-VGASD, a proAV-grade active balun set to distribute VGA video, stereo audio, and IR or RS232 signals over a single twisted pair cable.

The DIGI-VGASD features 1600x1200 VGA video, 20Hz to 20kHz audio, and IR or bi-directional RS232 extension up to 350 feet, according to Intelix, over a single twisted pair cable. DIGI-VGASD send balun features local monitor support and the



DIGI-VGASD receive balun features dual outputs and built-in video equalization ensuring skew -free video performance.



Each balun set includes a send unit, receive unit, and two power supplies. The company says that all components are made in USA.

Go [Intelix DIGI-VGASD](#)

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Kramer Intros More HDMI Products

Kramer introduces an HDMI repeater, HDMI flat cables, and HDMI wall plates.

The PT-101HDMI repeater supports HDMI version 1.3a video, and extends the HDMI transmission range to 50 feet for 1080p. The repeater supports a maximum data rate of 2.25 Gbps. Several repeaters can be used in a single installation to increase the signal distance incrementally by 50 feet. The PT-101HDMI comes with an external power supply for better results, but also allows it to receive power via the HDMI signal from the HDMI source product.



The C-HDMI/HDMI/FLAT Cable is a flat HDMI cable for more flexible long-distance installs. Since it's flat, it can run under carpet, and around walls and corners. Cables are available in seven different lengths: 6-, 10-, 15-, 25-, 35-, 50- and 75-foot lengths.

The WP-HDMI1M and WP-HDMI2M are pass-through wall plates. The WP- HDMI1M is a one-gang metal wall plate insert with one pass-through female connector for HDMI at the front and a short cable with another female connector on the rear. The WP-HDMI2M adds a second pass-through female connector for HDMI and has two short cables with two female connectors at the rear.

Go [Kramer HDMI, I Repeat... Kramer HDMI](#)

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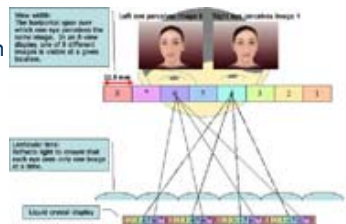
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Displays & Mounts

3D LCD >From Epson!

The more competition that enters the 3D market, the quicker this technology can get to mass market. Now Epson, announces a high -res 3D LCD panel in development.

Epson says the resolution is equivalent to QVGA and it uses an autostereoscopic 3D liquid-crystal display with a lenticular lens. Epson is boasting a 31-32.5 mm view width (or 1.22-1.27 inches). This sounds confusing, but please see the associated graphic with this story.



Epson's point is that, the wider the view width, such as the conventional 62-65 mm width (also the distance equal to the separation between the eyes of an average person), the more you lose resolution and 3D information. Half the view width delivers more data in Epson's model.

Epson also says this technology offers smoother 3D and because it is a multiview system, it should, according to the company, provide superior 3D image reproduction because the image that is visible changes along with the observer's vantage point relative to the screen. To heighten the illusion of depth in stereoscopic 3D images, design engineers can increase the number of views so that the image can be viewed from various head positions.

Go [Epson 3D LCD](#)

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Conferencing

Teliris Adds Touch to Telepresence

Now you can add your touch to Telepresence.

With Teliris InterACT TouchTable and Teliris InterACT TouchWall, content can be instantaneously shared and manipulated across any number of locations...as if participants are in the same room.

Additionally, the Teliris InterACT Easel lets users to create, share and edit content in real-time on a virtual flipchart/whiteboard.

The two new multi-touch offerings, the first to provide the collaboration tools to extend Telepresence experience, feature a unique gesture recognition algorithm so users can interact with natural motions (no user training required).

The Teliris InterACT TouchTable is available in multiple, two-person multi-touch segments fully integrated into Teliris Telepresence conference tables. Teliris InterACT TouchWall is available as a 110" diagonal large format vertical multi-touch segment wall. Customers can assemble any number of segments together to form larger tables or walls.



Go [InterACT TouchTable](#)

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Rich Media & Content Distribution

FFV's Q HD for High End HD Digital Video

Fast Forward Video announces its first board-level high-def digital video recorder based on the JPEG 2000 (J2K) compression codec for recording HD SDI video signals. The Q HD is designed for HD video recording applications needing very high image quality, (high-end surveillance, law enforcement, military, and medical).

The Q HD provides the board-level DVR technology used in FFV's Elite HD and Omega HD DVR systems, with J2K compression at 1080i, 720p, and 480i. The Q HD records at data rates of 100Mbps/s, with 4:2:2 sampling and 10-bit quantization.

High-definition recordings are 1920 x 1080 (1080i) or 1280 x 720 (720p). The Q HD also provides HD-SDI I/O capabilities and features RS-422 control using Sony, Odetics, and FFV serial protocols.



Go [Fast Forward](#)

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Lightpath Ethernet-Based Managed Video Service

For those of you who need a video service for your customers, Optimum Lightpath introduces an Ethernet-based Managed Video Service for use in applications such as entertainment, surveillance, healthcare, government and enterprise.



Lightpath Managed Video Service is billed as a flat rate for a complete video service that provides connectivity as well as encoding and decoding of digital video.

Lightpath says the new service offers 100% fully fiber optic network, flexible bandwidth options, less than 50 ms resiliency, and 24/7 monitoring and management.

Go [Managed Video Service](#)

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Digital Signage

Hughes Adds AccuWeather Service

Hughes Adds AccuWeather Service Managed Digital Signage service will now be able to display real-time weather information from AccuWeather.

AccuWeather service offers localized feeds to more than 2.7 million locations worldwide. Hughes says that offering accurate weather content is also valuable to digital signage customers seeking third -party advertising revenues, because timely forecasts keep people tuned into the content being delivered and that means a more captive audience for advertisers. Think about petrol stations and convenience stores, where the latest weather conditions will clearly be important to customers.



Go [Hughes in any Weather](#)

Eiki Acquires advancedMethod LLC

Eiki establishes a new division, Eiki Digital Systems to take the company beyond just projectors and into enterprise digital ProAV communications. The first task, according to the company, is to design a digital signage solution.



Go [Eiki Digital Systems](#)

Eiki also has acquired advancedMethod LLC, a company established in Web presentations that also will soon introduce a digital signage system. What is interesting is that advancedMethod also offers dealers a way to provide creative services to clients.

Go [Eiki & advancedMethod](#)

Presentation Products

AVerMedia's 1080p Visual Presenter

AVerMedia has a new visual presenter, this time in the 1080p resolution category. The AVerVision SPB350 has a 5 megapixel camera sensor, 1080p HD output with 20X Aver Optical Zoom.

It also has interactive software, network sharing capability, a 4" x 3" lightbox and AVerMedia presentation tools.

It has a high-speed full motion 30 frames per second and a total zoom capability of 160X. The networking capability of the SPB350 allows users to connect to and view a live presentation through a location's local area network. Presenters even have the option of allowing the features of the document camera, such as annotation, zoom or image capture, to be controlled by remote LAN participants.



Go [AVerMedia](#)

Residential Systems & Digital Home

Toshiba New Tact for High Def DVDs

In what appears to be an end-run around Blu-ray, and, ironically, likely taking advantage of the delays in adoption, Toshiba announces the XD-E500, the first of what appears will be a series of DVD players offering "video enhancement technology for DVD."



The XDE technology, or "eXtended Detail Enhancement," takes DVD pictures from 480i up to 1080p. But Toshiba says it's more than just "upconversion." XDE also offers user selectable picture enhancement modes for greater sharpness, color and contrast.

But, in our opinion, once SD, it's always SD. In scaling, you get what you pay for... so there is a limited market segment and that won't be among the most discerning buyers.

Go [Toshiba XDE](#)

SpeakerCraft Multi-Room Control Using iPhone

How cool is this? And yes, it may be targeting the home right now, but what executive or professor wouldn't want to use this familiar interface for their boardrooms and classrooms?

SpeakerCraft not only announced, but is shipping its new MODE/iPhone Interface, which allows the Apple iPhone or iPod Touch to be used as a wireless remote for control of all sources and routing, and accessed on the touch screen through the GUI. The system runs on the home's wireless network via a wired port on the user's wireless router. SpeakerCraft swears this is easy to set up and requires no programming. Yippee.



SpeakerCraft also says a person can literally walk through their front door, press a

single virtual button on the iPhone touch screen and have access to all of their system's control functions. This also allows an unlimited number of iPhones operating the system, and two can simultaneously operate in multiple zones. The interface should be familiar to iPhone users – it shares the look and feel of other iPhone functions and therefore presents little or no learning curve.

The interface is generated through an embedded web server residing on a chip inside SpeakerCraft's ERS 1.0 Ethernet-to-serial adapter. The interface is accessed through the iPhone's Safari browser. This means you don't have to download or install an application on the iPhone itself. Again, Yippee. The ERS also contains a version of the interface designed to display and operate on a standard PC or Mac. This offers the user the option to control the system from the iPhone/iTouch or any PC on the network.

Go [SpeakerCraft MODE/iPhone Interface](#)

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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.

Do you have a special topic you would like to address industry- wide? We're open for **Guest Editorial** comments on the industry from Europe... Sorry, no commercials...this is just for industry issues. Contact: rAveEurope@gmail.com

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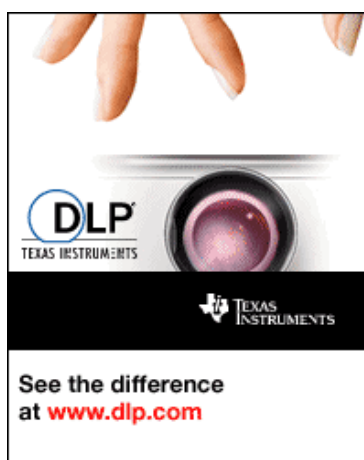
A little about Gary Kayye, CTS, Chief Visionary, Kayye Consulting, Inc, and founder of rAve Publications:

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). 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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