



For Europe's Pro AV integrators in a Networked World

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China's Spacewalk Takes Steps with Barco

Barco provided large screen projection for the command and control of the Shenzhou VII space program and its first spacewalk.

China's 3rd manned spacecraft, the Shenzhou VII, orbited the earth for 68 hours. Both the Jiuquan Satellite Launch Center and Beijing Aerospace Control Center used Barco SLM R12+ projectors to command and control the launch program. The monitoring continued during the spacewalk and concluded only when the re-entry module landed in central Inner Mongolia.

The SLM R12+ is a powerful large-screen projector that features the three-chip DLP colors and a very bright 12000 lumens light output (at a "sharp price-to-quality ratio," says Barco). Its light output makes it suitable to operate even in venues with lots of other light sources.



Go [Barco in Space \(Well, almost...\)](#)

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World's First 3D HD Plasma Theater

At Japan's CEATEC show for tech innovations, Panasonic showed "the world's first 3-D World's first system to create true-to-life 3D images by providing full HD images to left eye and right eye".

Using an enclosed theater setup, special glasses for viewers, and a specially modified Blu-ray Disc player, the system showed movies and video with 3D effects.



The system included the company's 103" full HD 1080p plasma and a prototype Blu-ray Disc player that accepts specially encoded Blu-ray discs carrying 3D images(left- and right-sided 1080p full HD images).

The 3D effect occurs when viewing the images through active shutter glasses that synch with the plasma display.

The 3D Blu-ray system used special disc-authoring technology developed by Panasonic Hollywood Laboratory (PHL) to record 3D images with respective left and right 1080p full HD images onto a single disc. The BD player decodes and plays back both halves of the full HD image data recorded to the BD in real time

Panasonic says its method is capable of displaying a quality equivalent to original Hollywood 3D movie masters. But there are no plans for productions until 3D standardization sets in.

Panasonic, changed its global corporate name from Matsushita Electric Industrial to Panasonic on Wednesday, the company's 90th anniversary. About time...

Go [Panasonic 3D HD Plasma Theater](#)

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PROJECTA

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Displays & Mounts

New Pro 82" LCD Panel from NEC





NEC announces its largest LCD panel yet -- an 82 inch panel, the MultiSync LCD8205-- a professional-grade flat panel monitor that can be installed in either portrait or landscape. The nice part is that these panels can be tiled together to create a video wall up to four displays high and four displays wide for a maximum of 328 inches diagonal.

The MultiSync LCD8205 has automatic ambient light sensors to monitor changing light conditions to subtly optimize the brightness level to the environment, says maker NEC. It is specified at 1920 x 1020 HD resolution, 600 cd/m² high brightness, 5000:1 contrast, 8ms response time, and 178-degree viewing angle.

Go [NEC MultiSync LCD8205](#)

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Projection & Screens

Smallest 4K2K Ultra HD Projector

Designed both for high-end home theater and for commercial applications, JVC' s DLA-SH4K made an appearance at CEDIA. This is the smallest 4K2K ultra HD projector and it uses the company's new 1.27-inch 10 megapixel D-ILA devices.



The projector's chassis achieves a 65% reduction in size compared with others in its class. The D-ILA devices provide a native 4096 x 2400 resolution--multi-screen display modes that allow users to view up to four Full HD screens at a time. A new optical design featuring an 825 watt Xenon lamp generates a light output of 3500 ANSI Lumens and features adjustable lamp power that ranges from 825 to 660 watts.

Two DLA-SH4Ks can be stacked for increased light output. For flexible installation, the projector can be inclined up to a ± 90 -degree tilt angle and has a horizontal lens shift of $\pm 25\%$ and vertical shift of $\pm 50\%$.

JVC will offer two lenses for the projector, the GL-MS4015SZG 1.22x zoom lens for screens up to 300 inches, and the GL-MS4011SG short throw lens for screens up to 250 inches..

Go [Smallest 4K2K Ultra HD Projector](#)

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InFocus is Back!...Is 4th Time a Charm?



Returning to Pro AV, InFocus is now shipping those three new DLP projectors that let you decide between 4:3 or widescreen formats. The IN1100 series are mobile projectors with DisplayLink technology to connect over USB instead of VGA. It weighs just 2.75 lbs. This series is specified at 2100 or 2200 lumens and 1800:1 contrast ratio and XGA or WXGA

resolution.

The IN3100 series are portable projectors designed for tabletop or install use. They also include DisplayLink and a new LiteTouch touch keypad. They are specified at 3000 or 3500 lumens with 2000:1 contrast ratio and XGA or WXGA resolution.

The IN5100 series are installation projectors with the SplitScreen feature, (available on the IN5104). InFocus says this series, is especially suited for videoconferencing, distance learning, collaboration and other uses that require display of two sources side by side. There are also four assignable audio inputs and four optional lenses. These come in 4000 or 5000 lumens, XGA or WXGA resolution and 1000:1 contrast ratio.

Go [In Focus pro series](#)

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NEC's 4 New Portable Network Projectors

NEC adds 4 network projectors to its line. All four projectors include built-in closed captioning, built-in wired networking, 7-watt audio, automatic vertical keystone correction, auto power on upon signal detect, built-in security and RS232.

Brightness on these models are the NP400 at 2500 lumens, NP500 at 3000 lumens, NP600 at 3500 lumens and the NP500W at 3000 lumens. The projectors are XGA native resolution, except the wide-format (WXGA) NP500W.



Go [Network with NEC](#)

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Residential Systems & Digital Home

The Master of the (Accessories) Universe



The Master of Accessories was right next to me, standing on the ultimate accessory, a Segway, further accessorized by a red Porsche logo.

Noel Lee, president and CEO of Monster Cable, doesn't need a Porsche Segway to highlight his status...

Go [Monster Cable's HDMI Strategy](#)

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Presentation Products

Lighting Options for Dukane Presenter

Dukane offers a new Visual Presenter, the DVP505A with a hi-res color camera on a movable, extendable arm. Documents or objects can be delivered to data projectors, displayed on flat panel monitors or captured through a computer.

This is designed with specially-constructed lights on side arms. Transparencies can be illuminated using the stage lamp or from above with side fluorescent lamps. The presenter allows for projection of objects, evidence, papers, X-Rays, demonstrations in the classroom, courtroom, at the podium or for video conferencing.



The DVP has XGA computer output, auto focus, 12X Zoom, 64 picture memory, optical and digital zoom, dual lamps and back light, wireless remote, S-Video and Composite Video outputs and DC12V power outlets.

Go [DVP505A](#)

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Extron's WindoWall Product Commissioning Services

In USA, Extron is offering pre-installation design review and one to two days of on-site support for system optimization and customer training with the new WindoWall Product Commissioning Services. The WindoWall, says Extron, is a scalable multi-window video wall processor system and the company says this new program addresses the unique, often 24/7 requirements of video walls.

WindoWall Product Commissioning Services includes pre-installation design review services with Extron engineers, who will assist integrators throughout the WindoWall design process. Once on-site, an Extron engineer will optimize the WindoWall System and calibrate all WindoWall processors. Window layouts, source parameters, and presets are set according to the customer's requirements. On-site training is also provided on the WindoWall Console application software, its user interface, system adjustment and window parameters, and use of the Virtual Canvas to create custom window layouts and presets.



Go [WindoWall Product Commissioning Services](#)

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Sierra Video "Reverse" Matrix Switchers



Sierra Video is shipping Reverse Matrix switchers designed for apps that have a small number of inputs and a larger number of outputs. The Sierra Pro XL Reverse Matrix routing switchers are available as 3-wire or 5-wire routing switchers in 8x16 or 16x32 configurations.

The 3-wire Reverse Matrix switcher is suited for customers employing wideband analog HD signal sources such as HD satellite, cable TV HD receiver boxes, or DVD or Blu-ray devices as sources. The 5-wire Reverse Matrix switcher can handle high bandwidth VGA signals from computers or DVI output devices. Stereo audio and redundant power supply options are available with each of these frames.

Go ["Reverse" Matrix Switchers](#)

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One-Cable HDMI Extender over CAT6

Teq AV/IT says they are first with an HDMI extender over single CAT6 cable that is HDCP 1.3 and DDC compatible. (I'm not sure this is something to brag about as Cat5e is installed more than 450 x 1 over Cat6.) Teq says that, while most HDMI or DVI over UTP (CAT5 or CAT6) extender required running two cables, one for the video signal, and another for the HDCP/DDC information, they have managed with one.



The new product, the TPH372, uses HD CAT One technology and a "smart learning transmitter" that will provide a display's DDC information to the source. Once initialized with display like LCD TV, Plasma or HD projector, the transmitter of TPH372 can be attached to any HD sources like PC, Blu Ray Player, DVD Player, Media Players, Playstation 3, Digital Signage Player to extend the HDMI or DVI signal over single CAT6 or CAT5 unshielded twisted-pair (UTP) cable.

Teq AV/IT's says the TPH372 allows HD signal from HDMI sources up to 130' (40m) at 1080p or 170' at 1080i or 200' at 720p over a single UTP cable.

Go [One-Cable HDMI Extender over CAT6](#)

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More Languages to SMART Meeting Software

SMART's Meeting Pro collaboration is now available in 8 languages -- French, German, Spanish, Norwegian, Portuguese, Japanese and Chinese (traditional and simplified) in addition to English.

SMART Meeting Pro software is for use in a single- or in multi-display rooms where everyone can participate, regardless of location. SMART says the software also works with SMART Board interactive whiteboards, SMART Board interactive displays, Sympodium interactive pen displays, and other training or meeting room products such as computers, DVDs and document cameras.

It features automated note capture, accommodates multiple file formats and has multi-display capability (run multiple interactive whiteboards and interactive displays (up to 16) in different locations; connect computers, PDAs, personal productivity applications, storage systems and third-party devices).

Go [SMART Meeting Pro Software](#)

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Audio

Shure Wireless Micro-Bodypack

Shure is shipping the UR1M Micro-Bodypack: wireless audio in an ultra-compact package that is about half the size of most standard bodypacks. It weighs 3 ounces with two AAA batteries, and it is designed for easy concealment and for use by actors, performers, musicians, and public speakers.

This is made for use with the Shure UHF-R wireless microphone system. The system, says Shure, uses the latest version of the Shure Wireless Workbench software. The subminiature device uses the company's Audio Reference Companding technology for clear audio and a 60-75 MHz tuning range (region dependent), which Shure says is twice that of any other bodypack on the market. This is tunable in 25 kHz increments, and provides a total of up to 3,000 selectable frequencies.

In addition, the UR1M offers selectable 10mW or 50mW RF power, up to nine hours of battery life, audio level metering and a backlit LCD display.



Go [Wireless UR1M Micro-Bodypack](#)

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Feature

Riding the Storm by Randal A. Lemke, Ph.D. Executive Director, InfoComm International

It is no secret to anyone with a television, newspaper or internet access that most of the American business community right now is shaken by the collapse of large financial institutions, the tightening of credit markets, spiking fuel costs and a seesawing stock market. During these challenging times it is necessary to take a deep breath, a step back and evaluate where we, as the AV industry are today, and how today's events might impact tomorrow.

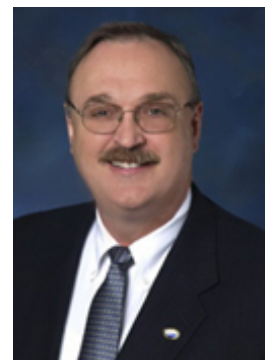
InfoComm International conducted a snapshot economic survey that returned from the field less than two weeks ago. What we found may surprise some outside the industry.

Some of the key findings include:

- More than two-thirds of AV systems integrators are doing better financially than they were six months ago.
- 20% have increased staff salaries and benefits in the past six months. 19% increased staff training budgets.
- Nearly 65% of AV companies surveyed report the current lending climate has had little to no effect on their business thus far.
- There is a pronounced increase in demand for videoconferencing, perhaps due to increased travel costs and hassles.

Much of what we learned from this economic snapshot reinforces the findings of InfoComm's Market Forecast Survey, released in February, and InfoComm's Dealer Compensation and Benefits Survey released in June.

For instance, 80% of industry respondents predicted continued growth this year. Staffing size has also been up for many InfoComm members. 58% of our member companies in No. America reported increases in staff size in 2007 and 80% expect to increase staff during 2008. The majority of survey respondents awarded salary increases across all categories, but technical staff were reported to be the most likely to receive increases in 2007.



How should we interpret this good news in the context of a larger, more troubling economic climate? ...

Go [Read the Rest of Riding the Storm](#)

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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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