



**Volume 3, Issue 12 - 4 April 2007**

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## Industry News

### Lighting: OLED in 3 Years?

Konica Minolta and General Electric Company create a strategic alliance to bring OLED lighting to market within the next 3 years.

Masatoshi Matsuzaki, President, Konica Minolta Technology Center, says, "Having such unprecedented attractive features as flexible, thin, light weight, and sheet form, OLED lighting is considered one of the most promising new business opportunities for us in the future. We are delighted to collaborate with GE to accelerate the development and launching of this revolutionary new lighting technology."

GE Consumer & Industrial VP Michael Petras says, "In a world demanding higher standards for energy efficiency and environmental performance, OLED lighting has the potential to become a major lighting source on both fronts. And because OLED lighting is soft and diffused, it will create some exciting application opportunities for designers and specifiers. The applications are numerous, ranging from ceiling lighting for office and



residential applications to interior automotive and aircraft lighting to many specialty lighting applications such as task lighting, sign and various forms of interior retail lighting.”

Take a look at GE's video on OLED (you can even download it to your iPod):

[www.ge.com/en/company/news/rss/](http://www.ge.com/en/company/news/rss/)

For more info, go to [GE and KM](#)

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## Projection & Screens

### Projecting on the Run: Just...In Case

Stuttgart-based Unplugged unveiled at ProLight & Sound show their effective all-in-one solution for people who need a transportable multimedia kit. The Multimedia-Case package features a professional metal case that hosts a laptop computer, a projector and a couple of 12w loudspeakers.

At the very beginning, the package was intended only for schools. But the ease of use of this solution has earned it popularity in the business arena, too. Thanks to the Multimedia Case, professional trainers, teachers and speakers don't need to go around anymore with several bags and different devices that must be connected every single time: they just have to open the case, turn it on and use it.

The case is provided with two small rollers and a retractable handle--converted into a trolley that's easy to transport while on the move.



For more information go to [Flight & Project Cases](#)

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### Three New Fixed-Installation LCD Projectors with Closed Captioning

Panasonic Projector Systems Company in USA brought three new installation LCD projectors to NSCA. The new PT-F100U and PT-F100NTU projectors and the new widescreen PT-FW100NTU have vertical and horizontal lens shift and 2x zoom, and the NTU models have built-in wireless and wired connectivity. They also have something called an Auto Rolling Filter, which is an electrostatic filter technology for detecting and removing dusty filter sections.



The PT-F100U and PT-F100NTU are specified at 3200 lumens; the PT-FW100NTU at 3000 lumens. All three models have the company's Daylight View 3 functionality that adjusts color, brightness and contrast according to the ambient light.

The PT-FW100NTU uses a wide 1280 x 800 LCD panel and also a side by side function that lets users project two large frames of 4:3 content at the same time from any two distinct sources, (except two computers).

The projectors also come with closed caption for the hearing-impaired, or for use when you want to deliver program content without audio.

For more info, go to [Panasonic Installation LCD Projectors](#)

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### Two New SXGA+ Projectors from projectiondesign

The F30 sx+ and F20 sx+ are two new DLP-based projectors from projectiondesign (they are basically upgrades of the F3 and F2). The F30 sx+ is billed as top-of-the-line and is specified at SXGA+ 1400 x 1050 resolution, up to 6500 lumens and 7500:1 contrast ratio. The company singles out specialized applications such as simulators, 2D and 3D visualization, entertainment venues, medical imaging, post-production, control rooms and display signage as targets.



The F30 sx+ adds TI's BrilliantColor technology and uses the company's RealColor calibration system, which is configured for the specific application before it leaves the projectiondesign factory. The company says they can also deliver this F30 projector with built-in passive 3D stereo imaging hardware. It also has a range of six user-replaceable bayonet mount lenses.

For more on this, go to [F30 sx+](#)

The F20 sx+ also adds BrilliantColor and the company is offering three different BrilliantColor color wheel options. It is specified at SXGA+ resolution 1400 x 1050 resolution, up to 3300 lumens and it is network-enabled. It also uses the RealColor calibration, and three low-dispersion glass lens optics are available (standard zoom lens, 1:1 wide angle lens, and an ultra wide angle with optical pincushion/barrel adjustments for rear projection). It has the Faroudja FLI2310 deinterlacing chipset.



For more info, go to [F20 sx+](#)

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## Sharp USA Intros 3500-Lumen 3LCD Projector at NSCA

Sharp USA showed a new 3LCD projector, the XG-C335X, specified at 3500 lumens, XGA 1024 x 768 resolution, and priced darned affordably at \$3,995.

In addition to the included standard zoom lens, the new projector offers four optional lenses (short throw, telephoto zoom 1.29x, telephoto zoom 1.52x and telephoto zoom 1.41x), all of which use the company's rapid release lens mechanism, making lens changes quicker, easier.



The new projector has a built-in carrying handle, "Notevision Lockdown" bolt for theft prevention when installed as well as key code activation and a ceiling mount cable lock system. It also has LAN, RJ-45 and RS232C.

It's not yet on the website...[Sharp](#)

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## Audio

### Madonna to Use Cellphone as Wireless Mike

Maybe Madonna will have to use her cell phone as a wireless mike in her 2008 concerts...because the energetic and stage shows of superstars such as Madonna could soon be a thing of the past, suggests Sennheiser's Volker Bartels, Speaker of the Executive Committee.

During this year's MusikMesse, he accused mobile operators of torpedoing wireless mikes. "Mobile phone operators are chasing for further frequency range space for their phones, and the wireless microphone, which is not supported by a financially strong lobby, appears to be in the way."

According to agreements of Stockholm (1961) and Chester (1997), wireless microphones are approved as secondary users within the VHF and UHF spectrum and have permission to operate as long as they don't interfere with the primary users, i.e. television and radio.

This peaceful coexistence is threatened by the European Communications



Commission's Technical Group 4, who decided to eliminate the Chester Agreement – leaving the frequency spectrum free to the eyes of mobile operators.

"We estimate that in Europe alone 4 to 5 million professional wireless microphones are being operated at this moment in time," says Bartels. He urges government to leave the Chester Agreements in effect. Otherwise "the future of the whole of media production will be put at risk."

It was exactly 50 years ago that Sennheiser presented its first wireless microphone in Frankfurt, and 25 years ago the company manufactured the first UHF microphone systems for German national television.

For more info go to [Sennheiser Laments](#)

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## Water Music to Your Customer's ears

The connection between water and music has never been very strong. But if you walked through ProLight & Sound show, you could have seen new line of water friendly loudspeaker systems. .

Taiwanese based Greness Enterprise Co. unveiled the PAW series of 15 different models that could be installed anywhere from playing fields and parks to boats, clubs and swimming pools. Loudspeakers range from 3" to 6,5" models to offer an individual rated power output that goes up to 50 Watts RMS. Available in black and white colors, all the speakers are IP44 proof and come along with a waterproof transformer. The system itself has been tested with a 400 hour direct exposure to salt water (plus an intensive exposure to the public in Frankfurt!)



For more information, go to [Water Music](#)

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# INNOVATIVE SUPPORTS...



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## Display

### LED Screens for Spanish Street-Wear Retailer

A huge success story in Spain, street-wear retailer Desigual is now raising its ambitions to a more global level. And to entice shoppers in to sample its ranges of garments, Lighthouse 10mm LED screens are providing an eye-catching entrance in Desigual's most high profile stores, starting with the recently opened store in Las Ramblas in the heart of Barcelona.

The company currently has 38 Spanish outlets, in locations from Barcelona to Zaragoza, while new outlets have recently opened in Italy and Singapore with one in London to follow in the spring.

For the new Desigual store in Las Ramblas, Desigual chose two Lighthouse screens located at the main entrance of the store to provide the essential visual impact.

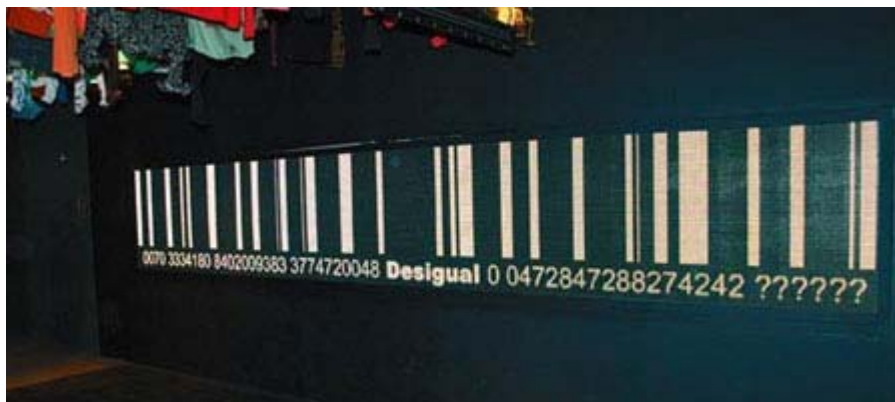
Installed by leading Barcelona audio visual company LightSound, the two screens each comprises Lighthouse P10i/o panels configured ten panels wide by two panels high, with dimensions of 6.4 meter by 1 meter. They are showing promotional, branded graphic content, produced in Macromedia Flash and run from a personal computer.

David Boja, MD of LightSound says, The proprietors of Desigual had also seen the Lighthouse P10 screens at

Amsterdam Schiphol airport and were impressed by the image quality.”

“We are currently working on the screen design for the next major Desigual store, which will open in London in April. It will also be the P10i/o screen, in a four panels wide by six panels wide configuration, with dimensions of 2.56 meter x 2.88 meter. Furthermore Lighthouse screens are also due for installation in other Desigual stores during 2007,” he adds.

“Increasing numbers of retailers are realizing that LED screens can play a key role in smaller-scale promotional applications,” says Segato. “It is refreshing to work with companies like LightSound and Desigual, who are taking the lead in this inventive use of video screen technology.”



For more info, go to [Lighthouse](#)

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## Control & Integrator Solutions

### Video Surveillance Uses DaVinci™ Proliferation

As video security original equipment manufacturers (OEMs) migrate legacy analog cameras to digital “intelligent” cameras, TI is gaining broad support in the market for its video surveillance solutions based on DaVinci™ technology.

DaVinci technology helps customers get to market quickly with differentiated solutions on a wide array of cameras that can digitally compress video, run video content analysis and transmit over Ethernet or other wired and wireless protocols. TI offers systems expertise that benefits a broad range of security products including IP network cameras, digital video recorders, digital video servers, IP network cameras, network video recorders and routers.

See [www.ti.com/iscwest](http://www.ti.com/iscwest)

“The video surveillance market is undergoing rapid change as intelligent cameras proliferate many diverse markets,” says Danny Petkevich, video security business manager, TI. “By giving customers a range of 3rd party solutions, we are answering their demands for flexibility to customize their products and accelerating time to market, while leveraging the leading video performance of DaVinci technology.”

For more info, go to [TI](#)

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### Bosch Goes to the “Bank” in Singapore



Only once every three years the annual World Bank and International Monetary Fund (IMF) hosts their meeting outside USA. For their latest meeting, Singapore was chosen and 16,000 delegates joined 35 meeting rooms equipped with audio/visual equipment and conference microphones. Fourteen of these rooms being exclusively equipped with Bosch DCN Next Generation simultaneous interpretation systems for up to 9 languages.



The sub-contractor, Danish company Teletech supplied the DCN Next Generation interpretation system and worked with local AV supplier Showtec who installed the system.

For more info go to [Bosch DCN](#)

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### StarTech Exhibits Analog Audio, Video Transfer to HDMI Cable

At NSCA, StarTech showed the VID2HDMITV, a box that transfers analog audio and video into one HDMI cable. This is a Composite/S-Video (with Audio) to HDMI format converter that automatically detects the input resolution of the signal while allowing you to customize the output resolution and refresh rate using the on-screen-display menu and front panel buttons. This is a hardware-only solution.



For more info, go to [STARTECH](#)

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### New Presentation Switching Products from TV One

TV One brought new presentation switching products to NSCA, including a nine-input seamless switcher and a method for adding additional inputs.



The C2-7110 Dual Channel Multi-format Presentation Switcher uses the CORIO EXP Front Panel, which gives the user 48-button functionality, multi-way navigation control and integrated LCD. It's all located directly on the front of the unit for easier on-site control. The CORIO2 based C2-7110 has nine inputs, two independent video processing and scaling engines and two video mixers, handling Composite, YC (S-Video), YUV Component, YPbPr HD Component, DVI, and RGB. The C2-7110 will be available in May for \$7,900.

The C2-7110 operates in three different modes: Switcher Mode, Independent Mode and Dual PIP Mode. The Switcher Mode has program and preview channels that allow any function (Next Image, PIP, Keying, Logo, etc.) to be set up and previewed independent of the program output. Independent Mode provides the power of two completely independent scalars in one box, each with PIP, Keying, Transitions, etc. Dual PIP Mode allows any video input to be placed into either of two windows of any size and positioned anywhere on the screen, even overlapping.

For more info, go to [C2-7110](#)

The new range of Input Expansion Switchers are designed to work in conjunction with any C2-1000, C2-2000 and C2-7000 series Video Scaler/Seamless Switcher to provide additional inputs of a wide variety of signal types from standard video to PC, DVI and HD-SDI. The new series will be called S2 and consist of eight new units. Four of those the S2-105PC, S2-105PCA, S2-106AD and S2-105DVIA were shown at NSCA.

An S2 model can be connected to a C2 Scaler's rear panel via an interconnect cable and become integrated into the control system of the C2 Scaler, supplying up to ten additional inputs of Stereo Audio (balanced or unbalanced), Composite Video, S-Video, DVI, RGB / YPbPr / YUV and HD-SDI.

For more info, go to [TV One S2](#)

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## Residential Systems & Digital Home

How Cool is Your Company Van?

For the first time, **"Vehicle Graphics" Design** was among the categories judged in the US by the CE Pro Marketing Awards (CMA).

Announced at a recent Electronic House Expo (EHX) and selected by CE Pro editors, the winner was in California (of course!) Access Tech, which offers home theater as Crystal Clear Audio & Video, took home the CMA.

Yes, here at rAve Europe we'd like to see what our readers have as vans. Does your work vehicle work for you? For most system integrators, your van or truck is the closest thing you have to a billboard. It should be eye-catching and it should clearly sell the name of your company and how to contact you.



C'mon, show us your company truck or van: [rAveEurope@gmail.com](mailto:rAveEurope@gmail.com)

For more info, go to [Crystal Clear Van](#)

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### Crestron to Demo "Every Room Connected" at PALME 2007

Crestron will demo its "Every Room Connected" philosophy at PALME 2007. New products on display will include the Media Processing System (MPS), the latest generation of facility-wide network control software (RoomView 7.0) and the latest Isys i/O™ WiFi touchpanel. the TPMC-8X.

"We are looking forward to the opportunity of showcasing our single platform solution and related product portfolio to decision makers at this, the most important AV event in the Middle East," explains Vincent Philippo, Regional Director, Crestron Middle East.

Designed as a complete out-of-the-box AV presentation solution for boardrooms, auditoria and lecture rooms, the new Media Processing System (MPS) is a control system, multimedia matrix switcher, microphone mixer, audio processor, and QuickMedia (QM) distribution centre, all rolled into a single, rackmount-ready package.



Installation is simple: just connect source components and display devices; plug-and-play for a fully functioning AV presentation system. Models in the range are the MPS-100, 200, 300 and 400. All MPS models feature QuickMedia routing and processing, seamless system expansion, network connectivity and RoomView remote management capabilities. MPS offers seamless plug-and-play connectivity with Crestron 3-channel amps, touchpanels, keypads, handheld remotes, iLux lighting control and the APAD room controller.

For more info, go to PALME in Dubai or [CRESTRON](#)

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**A little about Gary Kayye, CTS, founder of Kayye Consulting:** Gary Kayye, an audiovisual veteran and columnist, began the widely-read KNews, a premier industry newsletter, in the late 1990s, and created the model for and was co-founder of AV Avenue - which later became InfoComm IQ. Kayye Consulting is a company that is committed to furthering the interests and success of dealers, manufacturers, and other companies within the professional audiovisual industry. Gary Kayye's rAVe was first launched in America in February 2003.

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