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Latest news about [Audio-Visual-Presentations\(AVP\)](#)

The free of charge service for data- and video-projection and presentation



[AVP-Newsletter.de](http://AVP-Newsletter.de)

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Dear newsletter readers!

This issue of the [www.AVP-Newsletter.com](http://www.AVP-Newsletter.com) presents you with latest news from data- and video projection/ -presentation.

## 1) **InfoComm 05 projects records**

The International communications Industries Association (ICIA) has announced that it expects to exceed several previous records for its annual InfoComm International exposition ICIA to be held this June 4 – 10 in Las Vegas, Nevada/USA. InfoComm, the largest conference and exhibition for the AV communications and systems integration industry, expects to attract more than 25,000 visitors in 2005. With 95 percent (Stand March 05) of the Show floor already sold, there are now more than 570 companies exhibiting, towards a projected total of 700+ exhibitors, and certain 100 of them are new to the Show. Last year's total number of Exhibitors was 647 companies. The pavilions on the InfoComm Show floor ICIA dedicated to emerging technology interests, and the first-time appearance of the InfoComm Residential Pavilion has attracted attention in the industry. The pavilion will feature a working home theatre. The Streaming Media Pavilion offers a first-hand look at products, services and technologies. The Collaborative Conferencing Pavilion offers solutions in video-, audio-, data-, and web conferencing. The brand new Digital Signage Pavilion reflexes the growing interest in this area of technology. The Lighting and Staging Pavilion offers the latest trends in corporate event lighting, houses of worship, casinos, retail malls, video production, rental and staging and live-event production. More than 250 audio companies are participating in this year's InfoComm with many generally concentrated in an audio section on the central exhibit floor occupying over 50,000 sq. feet of space. The new Presentations Pavilion features cutting-edge technologies for PowerPoint presentations.

**More: <http://www.infocomm.org>**

Enjoy reading !

Yours

Kai Kröger

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#### **2) ISCO: Innovation Award from WRG**

With two proposals ISCO participated in the 2004 innovation award of the Association for Business Development of the county administration of Göttingen/Germany: The cinema projection lens series with outstanding imaging performance is protected through a worldwide patent and has already been awarded in Hollywood. The new lens design guarantees an essentially improved brightness distribution and results in a brilliant and even projection with up to 60% more light on the entire screen. The Anamorphic attachments enable an optical image conversion for Digital Cinema from Widescreen to Cinemascope-Format and for E- and Home Cinema Applications from 4:3 to 16:9 or from 16:9 to Cinemascope (2.35.:1) without light loss and loss in resolution. With the advanced technology of the anamorphic lenses, you have no more black bars across the top and bottom of the picture area, reducing the resolution, brightness and contrast of the image on the screen. For both proposals ISCO was awarded and received prize.

**More:** <http://www.iscoprecisionoptics.com>

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#### **3) Hitachi: CP-SX1350 LCD projector**

Hitachi Digital Media Group showcased the new CP-SX1350 projector on CeBIT, an S-XGA LCD projector with 3,500 ANSI lumens. This projector is a further development based on the CP-X1200 and the CP-X1250. Like its two predecessors, the CP-SX1350 is equipped with four changeable lenses, vertical lens shift, multiple connections and a network interface. The CP-SX1350 offers various application possibilities that are especially handy in business applications, CAD/CAM visualizations, and control rooms as well as in the education sector. Combined with vertical lens shift function, the featured four changeable lenses (fixed lens, short, midrange and long focal length) guarantee almost unlimited flexibility in any installation. Hence, the CP-SX1350 is a device that is especially interesting for the rental staging market. An image diagonal ranging from 40" to 500" the CP-SX1350 projects both pin sharp still and video images. In order to achieve excellent image quality, Hitachi projectors use Motion Adaptive Progressive Scan technology.

**More:** <http://www.hitachidigitalmedia.com>

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#### **4) Epson: The new EMP-732**

Seven seconds is the time that the new Epson 3LCD feather weight - the Epson EMP-732 – needs to warm up. This new 1.7 kg business projector with Epson 3LCD-Advanced-Imaging-projection technology represents an extremely handy 3LCD special device. It is the ideal partner for business people who are in the field frequently and need to present while on the road. The EMP 732 measures just 19 x 27 x 7 cm, hence, a truly compact device. Thanks to its 2000 ANSI lumens, this projector is especially bright even at daylight. Thanks to E-TORL technology (Twin Optimized Reflection Lamp) viewers can see a pin sharp projection in a compact environment. This technology bundles light avoiding scattered light with minimal diffraction and thus allows for an extremely compact optical system. Thanks to automatic keystone correction, presentations are projected without any distortion, no matter the room position. Even from a two meter distance a 60" image can be projected perfectly thanks to the short lens. LCD projectors realize outstanding, vivid and natural colours that do not fray. This projection technology does not affect the human eye by representing colours and shades through fast flickering. The eye can see the entire image which is stabile and gentle to the eye.

**More:** <http://www.epson-europe.com>

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### 5) **Toshiba: T98 – bright and light**

At CeBIT 2005, Toshiba Projection & Display Technology (PDT) took the wraps off the T98, its powerful new business projector. Even in comparatively bright rooms, 2500 ANSI lumens and XGA resolution deliver bright and beautiful images every time. Besides such powerful luminance, the use of proven DLP™ technology with a 2000:1 contrast ratio ensures razor-sharp projections and vivid color reproduction. A lightweight build (the T98 only weighs 2.9 kg) and compact casing make the T98 the projector of choice for conferencing and mobile applications. A resolution of 1024 x 768 pixels combines with sharp contrast of 2000:1 to bring conferences to life with rich colours and crisp, clear images. The Natural Colour Enhancer (NCE) developed by Toshiba optimizes colour reproduction. Users can choose between three different picture modes (brightness, standard and true colour) to produce perfect, natural colour tones. Two RGB and two video inputs (RCA and S-Video) are provided to handle various data sources. Three audio inputs (one mini-jack and two RCA inputs) accommodate sound to enrich presentations. All inputs and outputs are intelligently positioned to keep all wires and leads discreetly hidden from view behind the projector during a presentation. The T98 is an important addition to the performance-class product program.

More: <http://www.toshiba.de/projectors>



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### 6) **EIKI: The portable LC-XB30**

The new portable LC-XB30 projector from the EIKI Office Line is suitable for POS and mobile presentations as well as for applications in the education sector. Moreover, the projector is perfectly applicable for fixed installations in small and medium sized conference rooms. This 2.8 kg feather weight is characterized by the following outstanding basic data: XGA resolution, a brightness of 3000 ANSI lumens and a contrast ratio of 450:1. An automatic setup function allows for vertical adjustment of keystone-correction and PC. A control monitor can be connected to an additional monitor output allowing for presentations that are faced backward towards the projection screen. The LC-XB30 consists of four different image adjustment modes – dynamic, standard, real/cinema and blackboard (dark green). The blackboard mode has been especially developed for applications in the education sector. Apart from the usual lamp mode of 3000 ANSI lumens, the projector can also run either in eco mode using approx. 73% of brightness or in auto mode which regulates the brightness in accordance with the incoming video signal's luminance. The EIKI MCD-100 also enables transmission of image information via LAN connection, radio-LAN connection or via memory card. Thanks to the EIKI NPC-1 network interface the projector's operation, control and remote control are easily possible via TCP/IP-network.

More: <http://www.eiki.de>

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### 7) **Kindermann: KX 2800 – the ideal solution**

Kindermann GmbH presented the KX 2800, the ideal solution for presentations in conference rooms. This LCD projector featuring XGA resolution has a contrast ratio of 500:1 and is perfectly suitable for conference room applications. The projector convinces with extremely high brightness of 3,000 ANSI lumens. Hence, it can realize pin sharp images in projections with high ambient light. The KX 2800 is equipped with all important signal inputs, such as RGB, DVI, video, S-video as well as an RS232 interface. Furthermore, the Kindermann projector is running extremely silent (30 dB) in eco mode. The life span of the integrated 200W lamp is around 3,000 hours in saving mode. Thanks to image format switching between 4:3 and 16:9, the projector is ideal for representing photos and videos, but also for all other applications that require precise colours like in the areas of design and development. Moreover, the KX 2800 is equipped with picture-in-picture mode. Thank to optical keystone correction image distortions can be adjusted without any loss of pixels. At a size of 278 x 125 x 295 mm the projector weighs a mere 3.9 kg making it a perfect partner in flexible applications. Various connection cables and an infrared remote control are included in delivery.

More: <http://www.kindermann.com>



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### 8) **LANG AG announcing 30sx+ digital projection**

Eight months ago with the introduction of the DP 35HD, the new and successful digital projection era begun. Digital projection distributor LANG AG is now announcing the introduction of the new 30sx+, a powerful SXGA+ projector from the Lightning series. Featuring 20,000 ANSI lumens and a contrast ratio of 1800:1 this projector sets the benchmark in the 4:3 projector segment. Thanks to its Vario optics, the large 113 kg projector will be applicable in an area ranging from 1.45 to 12.4:1.

More: <http://www.lang-av.com>



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### **9) Barco: Intelligent centric projector**

Barco, an international company headquartered in Kortrijk/Belgium, has launched and highlighted its new iCon H600 network centric visualization solution, featuring a native 1920 x 1080 HDTV resolution and a 16:9 wide aspect ratio. The projector integrates a powerful display server and users can easily connect it to their network infrastructure, enabling real time interaction, file sharing, and remote control and diagnostics. The iCon H600 Barco has specifically designed for displaying HDTV video in native resolution. The 6000 ANSI-lumen LDC-projector generates a bright, true color, high-resolution video image on a 16:9 canvas, with a contrast ratio of 800:1, resulting in the projection of high quality video images. Advanced picture-in-picture functionality for displaying multiple sources, both video and data, on an eye-friendly 16:9 canvas, is a unique feature offered on this device. It gives the presenter more flexibility to show multiple windows next to one another to meet specific presentation needs. He is able to retrieve any remote user's desktop or file via the projector and over the network, creating higher flexibility and efficiency in information access. The iCon H600 can also stream video material over the network. Support and maintenance of a fleet of projectors, operators can fully control over the network from the central IT Helpdesk. Barco offers dedicated software called "Remote Control & Diagnostics". The projector is available now.

**More: <http://www.barco.com>**

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### **10) Lightspeed: Stereoscopic 3D projector**

Lightspeed Design Group, a worldwide leader in stereo 3D technology and services has released a new projector that delivers amazing stereo 3D at an equally amazing price. Lightspeed and InFocus Corporation have created a new class in 3D video projection – the InFocus DepthQ Stereoscopic Projector. This affordable portable 3D projector delivers rock-solid 120hz, DLP-quality stereo 3D. In the office, laboratory, boardroom, or game room, the new DepthQ projector puts 3D visualization into the hands of the many, instead of a privileged few. All brought to customers by InFocus. This projector is portable, it takes 10 minutes to set up, and it is flicker-free. Stereoscopic 3D is the most effective way of communicating visual ideas. The new InFocus DepthQ projector finally makes stereo 3D an affordable tool for the line engineer and product designer, allowing real-time projection of stereo 3D CAD designs for collaborative product review. DepthQ gives sales and marketing a unique 3D presentation option. Users can take new product designs right from the engineers and incorporated into 3D presentations. It also supports standard 2D applications for video and PowerPoint. Imagine playing PC games or watching movies in projected stereo 3D. With a growing list of games and movies available, the new InFocus DepthQ projector offers a variety of options for video entertainment at home. It also functions in standard 2D mode. The DepthQ is now available for purchase exclusively through Lightspeed Design.

**More <http://www.DepthQ.com>**

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### **11) publitec: beaMover in the third generation**

After a winning 4 year market performance, publitec is leading their successful beaMover into the series' third generation. The pan and tilt moving video projector has been considerably improved in order to meet the industries' high demands: higher brightness of 5200 ANSI lumens in the brightest model, improved positioning, new motor technology for the pan and tilt axis as well as zoom and focus control, improved jerking-free slow motion moving process and a new housing design. The beaMover is very frequently used on theatre and musical stages, in POS- and trade show applications and as digital Movinglight in the stage design of tour productions in combination with powerful media servers. The third generation beaMover will effectively support applications that especially require realistic representation of moving bodies and structures.

**More: <http://www.publitec.tv> and [www.beamover.com](http://www.beamover.com)**

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### **12) Legamaster: portable eBeam Interactive**

Legamaster eBeam products have been enhanced by the portable eBeam Interactive. This April, the visual communication specialist is introducing a system that will make especially the work with digital projectors even more successful. In this respect, the special eBeam Interactive Pen is taking over both the function of a pen and a computer mouse. In consequence, users can move freely in a room while concentrating fully on their presentation and the listeners. For eBeam applications in connection with digital projections, the new eBeam Interactive has many additional functions ready. Apart from white wall panels, other projection surfaces are used in digital work environments. The eBeam Interactive Pen is part of an entire wireless system in pocket format. On the one hand, it is a marker that is used for virtually making notes directly on the projected charts. On the other hand, the eBeam Interactive Pen is taking over the computer mouse's function as a navigation instrument. Applications can now be opened and worked on directly and independently on the projection screen. The new eBeam Interactive is available in two versions – with USB connection or with wireless Bluetooth connection.

**More: <http://www.legamaster.com>**

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### **13) Liesegang: dv 880 flex and SunScreen**

Introducing the dv 880 flex, Liesegang Optoelectronics is now offering high-tech and precision in the professional presentation area. The dv 880 flex is characterized by SXGA+ resolution (1400 x 1050), high brightness of 3500 lumens and an excellent contrast ratio of 600:1. Whether CAD data, charts or simulations – all can be represented in outstandingly detailed image quality. Users will experience flexibility since the dv 880 flex is fully compatible with all five 540/560 flex changeable lenses featuring motorized focus and motorized zoom (except the 16 mm wide angle lens) and also features an optical lens shift. Furthermore, among the new Liesegang products are the SunScreen rear projection foils, high-tech foils which are characterized by a specifically bright and true colour picture representation. SunScreen can represent pictures and films so bright that they can even be projected in daylight. SunScreen is equipped with a self-adhesive adhesion layer that can be stuck on glass. This foil is optionally available on acrylic. Further new Liesegang accessories are the anti reflection foil and the touch screen enhancement based on foil. The dv 880 flex will be available as from July 2005; the SunScreen foils are already available.



**More:** <http://www.liesegang.com>

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### **14) CT Germany: Soft-LED now in the rental park**

CT Germany presented their new rental park LED highlight, Soft-LED, on Prolight + Sound. Moreover, various other LED specials such as VersaLIGHTGUIDE, VersaLIGHTGUIDE CUSTOMIZED and MiPIX Roadmodul Masks were exhibited on that German trade show. CT's new product Soft-LED was already successfully used on this year's "Ball des Sports" in Germany for the first time. On that particular event, the dynamic LED curtain showed fascinating video and graphic contents, which had been created specifically for the show, perfectly portrayed on the sophisticated, high-quality black drapery – the culmination of custom-designed LED grid presentation power and specialized processing technology. The combination of awesome LED effects, easy handling and short term installation make Soft-LED a real eye-catcher on any stage. Soft-LED offers maximum flexibility and diversity, light weight of material, different resolutions and variable custom-made drapery sizes. As service provider for rental staging, CT Germany offers Soft-LED in its own rental stock and is exclusive distributor of Soft-LED in Germany.

**More:** <http://www.ctgermany.com>

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### **15) Da-Lite: The new Designer Contour Electrol**

The Da-Lite Screen Company is pleased to announce the introduction of the Designer Contour Electrol with an infrared remote control unit integrated into the case. The Designer Contour is designed with a stylish curved aluminum extruded case and has dimensions of only 4-5/8" high and 4-3/32" deep, making the Designer Contour small enough to fit into any installation. Screen operation is controlled by the three button infrared remote transmitter. An optional choice of seven veneer finishes is available for the front cover of the screen case for a warm and elegant look or choose a more modern graphite finish. The Designer Contour is available in sizes from 50" to 96" wide in Video, HDTV and Square formats.



**More:** <http://www.da-lite.com>

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### **16) NEC-Display Solutions: 40" monitors with 3D**

Pictures become three-dimensional with the two NEC-Mitsubishi displays, the NEC LCD4000 and NEC MultiSync<sup>®</sup> LCD4010, and the 3D technology from German-based X3D Technologies. Together with the solution from X3D Technologies, a technology leader in the area of three-dimensional displays, both monitors produce perfect three-dimensional pictures without additional aids such as 3D glasses or helmet. Objects now float weightlessly in space up to one metre from the surface of the screen. This opens up completely new possibilities for presentation. Product demonstrations will become absolute eye-catchers, complex three-dimensional structures in science and technology can be represented true to reality, architects can present their building plans realistically to clients, and in the games area 3D will provide a completely new experience. The feeling of three dimensions is even further reinforced due to the outstanding picture quality of the 40-inch display. The very high viewing angles in combination with the 3D display ensure an extremely vivid image even when the viewer is not standing directly in front of the screen. Thanks to the CableComp function, which enables the display to be mounted up to 100 m from the signal source, the NEC LCD4000 and NEC MultiSync<sup>®</sup> LCD4010 are ideally suited for use as presentation platforms at the PoS (Point of Sale). Apart from the 3D software, to realize this 3D experience it needs just a 3D graphic card.

**More:** <http://www.nec-display-solutions.com>

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### **17) Hitachi: addition to Platara range**

In response to growing consumer demand for high definition viewing on ultra-slim, large format flat screen televisions, Hitachi Digital Media Group has launched the new 55PD5200, a fully integrated HDTV-ready 55-inch plasma television. Combining design elegance with Hitachi's advanced panel and Intelligent Image (I2) chip technology, the new 55PD5200 continues in the style that has won its Platara range so many accolades. Delivering a high contrast of 900:1 and excellent panel luminance (1000 cd/qm), the new 55-inch 55CP5200 gives consumers an outstanding widescreen viewing experience. The high screen resolution of 1366 x 768 pixels allows for reproducing images with the finest of detail from a high definition digital signal. This, combined with stylish design and their advanced H3 panel technology, makes the new 55PD5200 a very attractive big screen television with masses of lifestyle appeal. The 55PD5200 has a built-in tuner and offers excellent connectivity via a DVI port with HDCP (High Definition Content Protection) and a SCART socket (RGB) for connecting peripheral devices such as DVD players/recorders, VCRs, set-top boxes and games consoles. The 55PD5200's two 12W pillar speakers are detachable and can be configured to suit any living room.

**More:** <http://www.hitachidigitalmedia.com>

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### **18) Samsung: 82-inch TFT-LCD**

Samsung Electronics has developed the world's largest 82-inch TFT-LCD and has unveiled this novelty at CeBIT 2005 in Hanover. The company developed this full HD image quality TFT-LCD panel at Samsungs new production complex in Tangeong, Korea. The soon-to-be operational 7<sup>th</sup>-generation production facility uses glass substrates that measure 1.87 x 2.20 m. Samsung's latest large-screen TFT-LCD offers a variety of features. The company applied its patented Super Patterned-ITO Vertical Alignment (S-PVA) technology to achieve extra-wide viewing angles. In addition, the 82-inch TFT-LCD boasts a low-dispersion color filter and ultra high aperture ration achieving a contrast ratio of at least 1200:1 and brightness of 600 cd/qm. Response times are at 8 ms or faster, providing clear moving picture images. A high-color-saturation backlight raises color saturation to 92 percent to produce a premium image quality. The S-PVA technology is an upgraded PVA liquid crystal cell technology (a proprietary Samsung technology for achieving a wide viewing-angle). The cell architecture accommodates eight, rather than the conventional four crystals, so that users the liquid crystal molecules can control in eight different directions and angles. This capability greatly enhances the side viewing-angle of the LCD screen. The new 82-inch (diagonal) TFT-LCD has a 16:9 aspect ratio, 6.22 million pixels, 24-bit color, and the viewing angle is 180° in all directions.

**More:** <http://www.samsung.com>

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### **19) Vantage: New Touch Screens**

Vantage Controls, manufacturer of automated control and dimming systems for residential and commercial applications, will soon complete its range with two new touch screens and has recently launched a new designer Toolbox. A touch screen is extremely useful. In Comparison with a keypad, it is much more visual because it works with icons and images. An icon of a TV for example can denote that the light is dimmed if you start watching TV, using the same icon you can obtain a comfortable temperature – the surround system can be started and the film also, thus not only the light is controlled. The first one of the new Vantage products is the Color LCD320C5 touch screen tabletop-model. This model – expected shortly – is identical to the 64,000 Color LCD3220C5 touch screen with a diameter of 5.5" for a screen of a portable, but Vantage has designed the new one for installation in a tabletop model. It can be very useful in a TV-room. The second one is the Color LCD320C5V touch screen with video. This model will shortly enhance the Vantage range also. It is the same touch screen in terms of format and characteristics, but it has a video function as an extra. For example, on the touch screen users can view the images that security cameras record outside an inside their house. It is useful if you want to keep an eye on the children playing in the garden or in the swimming pool, while you are busy in the kitchen. The Designer Toolbox is a "plug in"-software that creates 2-way communication between the powerful Vantage system and the extremely flexible Macromedia Flash design software.

**More:** <http://www.vantage-emea.com>

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### **20) Clarity: Bobcat X flat panel display**

Clarity Visual Systems, based in Wilsonville, Oregon/USA, has launched the newest addition to its existing LCD product line, the enhanced Bobcat X flat panel display. The company has introduced it at NSCA 2005, the annual systems integration industry trade show, in Orlando, Florida/USA. New features of the 40-inch Bobcat X direct view liquid crystal display include improved video processing, faster panel response time, and a modular I/O architecture with optional connectivity modules designed to optimize functionality for specific applications. Bobcat X boasts 1366 x 768 resolution, native 16:9 aspect ration, increased brightness (500 nits) and contrast ration (800:1) in a new fanless design. The display offers a sub-4-inch-deep form factor, sensor-based intelligent backlight control, ultra wide viewing angles, anti-reflective/anti-glare protective screen faceplate technology and remote monitoring of display status and performance.

**More:** <http://www.clarityvisual.com>

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### **21) Samsung: TFT SyncMaster 460Pn**

Samsung has presented its first TFT display in 46" format featuring network functions: the TFT SyncMaster 460Pn. This 46" (116.84 cm) display with network function (MagicNet) is especially suitable for professional applications in public places such as airports or train stations as well as in meetings or hotel lobbies as a presentation- and information display. Thanks to the network function, several displays can be operated from just one PC. The display is characterized by optimum picture quality. The brightness is 500 cd/qm, the contrast ratio is 800:1, and the reaction time lays at 8 ms. The large viewing angle is as follows: 170° horizontal and 170° vertical. Measuring 1102 x 715 x 293 mm, the 460Pn only weighs 28 kg net.

**More:** <http://www.samsung.de>

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### **22) Mitsubishi: XL cubes and LED video technology**

This year again, Mitsubishi Electric Europe EVS showcased an impressive range of display solutions at the Interkama trade fair in Hanover, Germany. The main highlight: rear projection cubes from the XL series, including a new cube with SXGA+ resolution. In cooperation with q-bus Mediatektur GmbH, a specialist in integrated video screens, Mitsubishi Electric presented highly sophisticated wide-screen systems based on XL series DLP™ display cubes. Six different models are available, featuring image diagonals of 50 and 67 inches in a range of variants to meet every set of requirements. The 67-inch cube VS-67PH50U with SXGA+ resolution and 1,400 x 1,050 pixels for sharp images true to the puniest detail is a sensational innovation. No less remarkable: the VS-50XLF20U with its front maintenance design, permitting installation and operation from the front. Specially designed conduits for cables and ventilation are integrated into the cube's interior so that virtually no space is needed between the unit and the wall. All models come fully equipped with versatile functions. As a further highlight, Mitsubishi Electric was exhibiting its Diamond Vision series of LED display solutions at the trade fair. The information display screens for indoor and outdoor applications deliver high-resolution colour images in exceptional brightness and contrast. They feature state-of-the-art technology from Mitsubishi Electric for outstanding video and still images over the entire display surface as well as good viewing quality from extreme angles.

**More:** <http://www.mitsubishi-evs.de/en/home.asp>

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### **23) Barco: The iUtilities Concept**

Barco Control Rooms, a business segment of the Belgium Barco Group, provides visualization and display solutions for professional markets. On the Hannover Messe & Interkama 2005 Barco showcased "iUtilities", large screen visualization for Utilities and Process Control. Barco's iUtilities display solutions consist of display walls with cutting edge projection technologies, various screen sizes and resolutions up to UXGA for accomplishing virtually all requirements in small and large control centres. Barco's wall management software ensures intuitive and secure handling of the display wall, fast reaction on events, and easy control of external hardware. Barco's iUtilities display solutions contribute considerably by providing a highly flexible display wall, enabling an overview of the entire facility at a glance, as well as important details. Details such as topological information, disrupted power lines, geographic maps, performance diagrams, quality statistics, video sources are at hand whenever required.

**More:** <http://www.barcocontrolrooms.com>

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### **24) RGB: New generation of wall processors**

RGB Spectrum, a display technology leader, announces the MediaWall 2000 video/data wall processor. The company has released it in April at the NAB show in Las Vegas. The MediaWall 2000 is the first product in a new generation of multiscreen display processors RGB Spectrum will deliver in 2005. The MediaWall 2000 is a robust, state-of-the-art system designed for 24/7 mission critical operation. The processor accepts up to six graphic and six video inputs and displays them simultaneously across up to four screens with no loss of image quality or update rate. Addressing the many weaknesses of PC based display wall processing; the MediaWall 2000 is a custom processor with an embedded operating system and no disk drives. It offers true plug and play installation, similar to the simplicity of a matrix switcher with auto syncing inputs. An advanced, easy to use control interface is accessible remotely using a standard web browser. This allows control from any computer regardless of operating system. The MediaWall 2000 supports all inputs up to 1920 x 1200 and HDTV with full resolution and real time performance without dropped frames. Output resolutions can be up to 1920 x 1200 for undistorted display on a wide variety of screens. The processor offers reliability and security beyond the capability of competitive processors. RGB Spectrum designed it for mission critical, real time operations in challenging environments.

**More:** <http://www.rgb.com>

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### **25) Oray: AV splash in waterpark**

A large dnp screen introduces visitors to a cascade of water sports and leisure activities at the entrance to the new "Centre Nautique" waterpark in Paris. Backstage has selected SOFT ADS' creative and unconventional rear pro solution as installation of the month. Centre Nautique is the name of the new waterpark in Paris Neuilly sur Seine. The main pool in the 26,4 million Euro project covers more than 1000 sqm. Other pools are dedicated to swim training, diving, and outdoor swimming. The Centre also features a wide range of recreational facilities including a solarium, Turkish hammam baths,

saunas plus aerobics, fitness, and dancing studios. However, the fun begins already at the entrance hall, where the architects have placed a huge dnp New Wide Angle Screen. The 130" screen display water movies – including clips from 10 video cameras located round the pools – and promotes a great variety of recreational offers. To create an impressive “large as life” feeling, they needed a big, high-resolution image. The screen also had to perform well under high ambient light conditions especially during summer. A rear projection with an optical screen was the obvious choice. Oray in cooperation with SOFT ADS by David Levy, as the installer, decided for a solution based on a 130" dnp New Wide Angle with an NEC GT6000 projector installed with a single-mirror rig in a projection room with climate control. The screen became a popular eye-catcher, which is part of the new waterpark experience.

**More:** <http://www.oray.fr>

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## **26) AIRSCREEN used at the Hong Kong International Film Festival**

The AIRSCREEN Company located in Munster, Germany, recently produced Asia's largest inflatable screen which was used at various outdoor screenings at the Hong Kong International Film Festival. The gigantic projection screen measures 28m in width and almost 16m in height. Despite its gigantic measurements, the Airscreen can be set up within just one hour. Inflating the screen frame merely takes as little as 10 minutes. The spectators in Asia were excited about this easy technical principle "made in Germany". The AIRSCREEN Company produces inflatable screens like that in various sizes and its partners distribute AIRSCREENS worldwide. Moreover, a rental staging partner network guarantees worldwide AIRSCREEN leasing for concerts, events and open air movie premieres.

**More:** <http://www.airscreen.com>

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## **27) Comm-Tec: EventiX Seamless Switcher**

The German media service provider Gahrens + Battermann (G+B) located in Bergisch Gladbach has added on its rental park with four EventiX seamless switchers from Analogue Way. EventiX offers wide-ranging application possibilities and numerous features that have convinced the people at Gahrens + Battermann. The EventiX can be used in both small presentations and large events that require multi screen and soft edge applications. Gahrens + Battermann were also looking for a device that can work with current SXGA+ resolution in pixel-clock quality. The EventiX offers outstanding picture quality and many functions that as yet has only been possible to realize with much more pricy devices. As early as in January 2005 Gahrens + Battermann purchased two CentriX seamless switchers from the German distributor COMM-TEC located in Uhingen. Analogue Way is one of the leading manufacturers of innovative products for analogue and digital video signal processing. COMM-TEC is a leading distributor for future oriented products and systems in audio visual communication and system integration.



**More:** <http://www.comm-tec.de>

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## **28) Extron: PIP 422 and PIP 444**

Extron Electronics has introduced two new Video Picture-in-Picture Processors – the PIP 422 and the PIP 444. The former one displays two video windows within the same screen. The PIP 444 displays up to four video windows, and Extron has designed it as a replacement for the MVP 104GX. Both models accommodate composite video, S-video, or component video sources. These next-generation-products offer an attractive combination of high performance and affordability for applications requiring the simultaneous display of multiple video sources such as videoconferencing, distance learning, usability labs, and event/staging. Users can create fully customizable picture-in-picture presentations with the PIP 422 and PIP 444, using a series of independent, fine-tuning controls for each video window. These they can quickly save into and recall from memory preset locations. Window transition effects including a cut, dissolve, or wipe are available to enhance presentations. Full front panel controls provide easy access to all functions. The PIP 422 and PIP 444 feature a dedicated, configurable input for each video window, and also provide a buffered loop-through output for each input. Picture-in-picture video is output simultaneously as composite video, S-video, and component video. Both models are quad standard compatible for worldwide video compatibility. Both are now available.

**More:** <http://www.extron.com>

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## **29) mekom: SZe CF Player® - made in Germany**

The SZe CF Player represents a reliable „long distance runner“ for videos and pictures – time controlled and interactive via RS232 interface or contacts. Easy play list compilation is made possible by the new CFPman software. The device is ideally applicable in exhibitions, building centres, pharmacies and trade show presentations. An optionally shown information insertion in the lower picture area allows for overlaying images with individual text information. These texts can be even updated via text message in connection with an optional receiving module.

**More:** <http://www.mekom.net>



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### 30) **Gefen: New DVI Booster**

High definition video transmitted through DVI cables can break down beyond 15 feet in distance and all DVI copper cables experience this problem when used at resolutions of 1080i or higher. Therefore, Gefen, based in Woodland Hills, California/USA, released its DVI Booster, a small unit that corrects video signal degradation that occurs over stretches of DVI copper cables used to extend a display away from its high definition source. "With advance cabling and enhancement techniques using higher gauge copper cables, an addition distance of 30 to 50 feet may be achieved, but not always with 100 percent success," explained Hagai Gefen. "The DVI Booster guarantees a 100 percent accurate reproduction of the image at any resolution." In operation, the DVI Booster sits between the DVI copper cable and the display, correcting faults in the digital video it receives from the cable before passing it through to the display. The DVI Booster has proven effective in not only correcting cable faults from the video it receives, but also propelling the fixed signal an additional distance. The DVI Booster works with HDCP compliant content and DVI displays and cables.

**More:** <http://www.gefen.com>

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### 31) **Kramer: VS-5x5 video**

Kramer Electronics, based in Jerusalem/Israel, has announced the newest addition to its product line – the VS-5x5 composite video and balanced stereo audio matrix switcher. This model boasts a full range of professional features in a very compact package. The Kramer VS-5x5 is a true 5x5 matrix switcher for composite video and balanced stereo audio signals allowing the simultaneous routing of any or all of the five inputs to any or all of the five outputs. The unit features vertical interval switching those users can synchronize with any of the five composite video input signals or with an external sync signal. It also has audio-follow-video and breakaway switching capability, audio gain control for all the audio inputs and outputs and the ability to store and recall setups. The Kramer VS-5x5 matrix switcher features a video bandwidth of 70MHz to provide transparent composite video performance. Users can control the product via the front panel buttons, infrared remote control, or via RS-485 or RS-232 serial commands, transmitted by a touch screen system PC, or other serial controller. The VS-5x5 is housed in a 19" IU rack mountable enclosure, and is fed from a 100 240VAC, 50/60 Hz worldwide power supply. It is now in stock and available.

**More:** <http://www.kramerelectronics.com>

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### 32) **beyerdynamic: new products for conferences**

At the Prolight+Sound exhibition beyerdynamic has presented the launch of numerous new products. The department for Conference & Presentation has presented interesting products and emphasising beyerdynamic's position as an audio system supplier for conferencing. In Frankfurt a new generation of the MCW-Digital wireless conference system was launched. The MCW-D 50 is a sophisticated conference system to an attractive price. Next to the successful MCW-D 200 also the small sibling fascinates due to its functionalities and the outstanding level of security. Additionally, another version of the steno-s™ conference & recording software was presented especially for use with the beyerdynamic conference systems. steno-s Conference takes the advantage of the data protocols used within the conference systems for tagging and commenting passages within the audio recording automatically. The new SHM 204 XD mini condenser gooseneck microphone is perfect for applications in any sophisticated environment. Existing system components such as wireless and wired conference systems, interpreting and tourguide systems and installation microphones ended off the presentation.



**More:** [www.beyerdynamic.com](http://www.beyerdynamic.com)

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### 33) **Polycom: SoundStation2W**

On the CeBIT, Polycom, provider of unified collaborative communications solutions, introduced the new SoundStation2W to the European market. This device is the first wireless conferencing telephone from the SoundStation product family. The SoundStation2W, Polycom's next generation conference phone redefines the standard for business quality voice conferencing. With industry-leading full duplex for natural, simultaneous two-way conversation, the SoundStation2W will exceed expectations in medium to small conference rooms. Delivering remarkable voice quality equal to the SoundStation Premier and a 50% increase in microphone sensitivity over the award-winning SoundStation, users can speak in a normal voice and be heard clearly up to ten feet away – making every call a more productive call. There are also new features, including a large backlit display that offers easily visible call information and telephone functions. Smart technology, such as Dynamic Noise Reduction (DNR), provides maximum microphone sensitivity, while reducing distracting room and background noise. And the SoundStation2W offers 360-degree microphone coverage with intelligent mixing – so only the microphone closest to the speaker is on for crystal clear conferencing. Add traditional telephone features like redial, mute, transfer, and hold and users have a conference phone that's also familiar and easy to use.

**More:** <http://www.polycom.com>

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### **34) Micronas: Best Supplier Award**

The corporate-level "Best Supplier Award" is the highest honour given to suppliers from Samsung. This year's award citation acknowledges that Micronas "provided outstanding support and contributed the most extended to Samsung Electronics". This is the first time Micronas wins that prestigious award from Samsung Electronics, the global leader in digital TV products. In total twenty suppliers were awarded in this year's ceremony. Micronas, Philips and Sanyo were the only semiconductor manufacturers to be granted this high recognition. The award was granted by Samsung Electronics' Vice Chairman & CEO Jong-Yong Yun and was presented to Wolfgang Kühn, VP Sales Consumer, Micronas during an official ceremony held in the Shilla Hotel, Seoul, Korea.

**More:** <http://www.micronas.com>

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### **35) cinemateq: Firmware 4.0 available**

Now the new firmware for the picture optimizer plus (II) is available officially. The operation of the device is more comfortable and the range of functions larger than ever before: Faster navigation times, extended options and improved control functionality. The upgrade of the control software, with a free download from Internet, offers some excellent options. The new function OVERSCAN H/V: Users can enter the Overscan value horizontal and vertical separately. With the Overscan, picture geometry errors can be corrected, which shows e.g. 15:9 displays with 1280 x 720 pixel or 5:4 displays with 1280 x 1024 pixel. With the separated Overscan function in addition, users can produce individual display formats (e.g. for anamorphe and nonanamorphe pictures) user-defined and stored for each entrance. The new extended function OVERSCAN DEFAULT: The pre-setting of the Overscan function can be changed for this input between Overscan "off", "on V=H", and "on H/V". The new extended function NOISE REDUCTION: The parameters for the noise filter can be varied now between the stage 1 to 7. Different parameters are finely variable like dynamic (temporal) and spatial (surface-moderate) integration – so far only noise reduction "on" or "off". The new conversion of the function key "menu": The so-called EXPERT MENU is now integrated in the fourth place in the main menu and can be called by arrow key and "ok" key directly. The firmware 4.0 is available right now in the Internet.

**More:** <http://www.cinemateq.com>

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Good bye, see you next month

Yours AVP-Newsletter editorial team

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