



# AVP-Newsletter

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

### 1) **IFA 2005: From 2nd until 7th September 2005 in Berlin**

The IFA, the world's largest consumer electronics fair, will open its doors from 2<sup>nd</sup> until 7<sup>th</sup> September 2005 from 10am until 6pm every day. For six days it provides a platform for the entire world of consumer electronics, enabling trade visitors from all over the world to meet with specialist dealers in Europe. It offers a wide range of highly attractive, international media opportunities as well as acquainting a keenly interested public with the latest trends and technical developments in the field of consumer electronics. The IFA is both a trade show and a fair for the general public. The IFA is a unique event which ensures that communication in the marketing sector can be conducted with the maximum efficiency. As the market leader among fairs for the CE sector the IFA reflects current developments, presenting them in a clear and graphic way for the benefit of manufacturers, dealers and consumers too. The world's leading manufacturers can display the entire range of consumer electronics products at the Internationale Funkausstellung. By focusing on six key areas – IFA Television & Entertainment, IFA Digital Imaging & Digital Music, IFA Personal Computing & Games, IFA Personal Communication, IFA SNC Satellite, Networks & Cable und IFA Sound & CarMedia – the IFA 2005 provides concentrated coverage of consumer electronics in its entirety, and in its interaction with media providers: this encompasses hi fi, high end and car media, television, video, camcorders, digital photography, information and communication electronics, entertainment, online services antennae, satellite receiving installations, transmitting and studio systems, and stationary/mobile telecommunications.



**More:** <http://www.ifa-berlin.de>

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Enjoy reading !

Yours Kai Kröger

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### 2) **Mitsubishi highlights at IFA**

Mitsubishi Electric Europe EVS presents a variety of new technological product developments at the IFA 2005 in Berlin. The electronics manufacturer introduces two new projectors in its home cinema range. The HC3000 takes the stage as the new 720p premium model among digital home cinema projectors. The DLP projector with a 0.65" DMD chip and 6-segment colour wheel shines with colour contrasts of 4,000:1. It comes with a WXGA resolution featuring 1,280 x 768 pixels. With 1,024 x 576 pixel resolution, 1,000 ANSI lumens brightness and whisper-quiet operating noise of 26 dBA, the new HC910 guarantees perfect movie viewing pleasure in the comfort of home. It was already in the spotlight at this year's InfoComm: the PT10, the first PocketProjector from Mitsubishi Electric. No larger than a hand, 450 grams light and equipped with state-of-the-art LED/DLP technology, it is one of the world's smallest and most energy-efficient projectors. The PocketProjector features a DLP chip from Texas Instruments, for a native resolution of 800 x 600 pixels (SVGA). The PocketProjector is connectable to notebooks, portable DVD players and more. The date for its German market launch has not been fixed yet. Another IFA highlight: new display solutions from Mitsubishi Electric, designed for presentation and information applications in public areas. The company, based in Ratingen, Germany, has just expanded its product range to include three top quality 32", 40" and 46" TFT/LCD public display screens with WXGA resolution (1,366 x 768 pixels). Mitsubishi at IFA, hall 26, booth 102

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

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### 3) **Optoma: The new DLP data projector EP719**

Optoma has announced the launch of the EP719 DLP™ data projector, featuring high brightness – 2000 Lumens, amazing contrast – 2500:1, whisper quiet cooling – 28 dB, twin VGA inputs and password security. Optoma pioneered the dual use of VGA inputs for both PC and SCART. This opened up the possibility of direct RGB connections from the SCART source to the projector by means of SCART/VGA adapter and readily available VGA cabling. The new EP719 has dual VGA inputs thus allowing simultaneous connection of 2 PCs or a PC and a SCART providing optimum quality for both inputs. With the Optoma EP719 you can avoid those awkward gaps between presentations by connecting the next source, while the current presentation is still running. No cable swapping or re-configuration is required. Either source can be directly selected from the remote control allowing you to stay in charge of your multi-media presentation. The high brightness of 2000 Lumens, amazing contrast of 2500:1 and XGA resolution, ensure stunning image quality. The EP719 comes with a soft case and is easily portable; weighing only 2kg.

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

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#### 4) **Liesegang: Photoshow •X16**

A multi-coated lens, photo-optimised signal processing and an extremely user-friendly colour management all combine to make Liesegang's Photoshow •X16 the ideal photo projector. In addition, the LCD projector boasts a brightness level of 1,600 ANSI lumen, a contrast ratio of 500:1 and at just 2.3kg it is also suitable for portable use. The high-quality lens with a focal length of 20.4mm ensures clear and virtually distortion-free images. The use of neutral gamma curves to exploit the maximum dynamic range allows the Photoshow •X16 to provide photo-optimized signal processing, which in turn gives a particularly natural colour rendition. Individual image sections can be viewed in detail at a magnification of up to 4x using the magnification function. Switching from 4:3 to 16:9 format enables the Photoshow •X16 to be used as a home movie projector. The Liesegang projector is compatible with all the usual video standards and, in addition to PAL, SECAM and NTSC formats, can also process HDTV signals. The scope of delivery for the Photoshow •X16 also includes the DiaShow XP five software from AquaSoft. This versatile software enables images to be displayed via a PC or a DVD player. Your own photos can be turned into a multimedia show by adding images, texts, music and voiceovers. Help is available from the DiaShow-Master so that even beginners will find this no problem. Functions such as camera sweeps, fade over, zoom and text effects underline the versatility of the slide show software.



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

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#### 5) **Casio: projectors at IFA**

Highlights for the perfect presentation: Casio presents the three business projectors XJ-360, XJ-460 and XJ-560 among many other products at IFA. These projectors are not only very compact but also exceptionally bright. On the booth, these compact power beamer deliver a true feast for the eyes featuring 2200, 2500 and 3000 ANSI lumens. In addition, Casio presents the multifunctional YC-400 camera system on the booth. With the YC-400, Casio was able to integrate a 4 million pixel digital camera into a presentation system.

IFA: hall 1.2, booth 228

**More:** <http://www.casio-projectors.com>

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#### 6) **Toshiba: high performance in mini format**

Toshiba Projection & Display Technology (PDT) supplies evidence that high performance DLP technology can be cased in mini format. The ultra compact P8 business projector is a new product that is dedicated to mobility while delivering a stunning performance. The 1.0 kg lightweight offers extraordinary contrast ratio of 2,100:1, XGA resolution of 1,024 x 768 pixels and 1,500 ANSI lumens brightness. This ultra compact projector can be used at a throwing distance of 1.5 meters. At a throwing distance of five meters, which is common in conference rooms, the P8 delivers a picture diagonal of approx. three meters. But the mini device can go big: Maximum distance to the projection screen is twelve meters producing a picture diagonal of 7.6 meters. One video input each allows for processing of RGB-, RCA- and S-video signals. For PC connection, a serial interface has been included. The P8 supports all common video standards and desktop resolutions VGA, SVGA, XGA and SXGA (comprised). Moreover, the high performance mobile P75 business projector is on the market since July. This new DLP projector offers 2,300 ANSI lumens brightness, a contrast ratio of 2,000:1 and a weight of 1.9 kg. The P75 offers common desktop XGA resolution of 1,024 x 768 resulting in brilliant and pin-sharp presentations.



IFA: hall 7.2c, booth 101

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

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#### 7) **HP: digital projector MP2220**

Lighter than a notebook the new HP MP2220 digital projector is an ultra light trend setter. Thanks to its 1.1 kg weight and a compact measure of 201 x 165 x 61 mm this device fits into any briefcase and can be easily carried from one meeting to another. The MP2220 is ready for use with just a few moves. In mere 15 seconds this projector is boot up and shut down. Various connection possibilities guarantee flexible application possibilities and multimedia functionality - PC, Notebook, DVD player or video camera. At the touch of a button all advantages appear: 1400 ANSI lumens, contrast ratio of 2,000:1 and XGA resolution of 1,024 x 768 pixels realizing crystal clear projections. Users can switch between single modes at the touch of a button: They just have to choose between presentation- and video mode and the projector simply adjusts. The HP MP2220 digital projector features DLP technology. Thanks to digital colour check, representation of 16.7 million colours is ensured. Automatic vertical and manual keystone correction allows for distortion free projections even under adverse conditions. Likewise, adjustment to data- and video presentation is carried out automatically guaranteeing optimal images.

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

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#### **8) Sharp: perfect projection with great colours**

On the IFA, Sharp shows two new LCD-projectors for the professional use: XG-C68X and PG-C58X. Both XGA projectors consist of Advanced Colour Management System for optimal colour adjustment in both RGB and CMYK. The other colours, cyan, magenta and yellow, can be adjusted individually in order to exactly match the presentation to the company's CI. The XG-C68X and the XG-C58X feature three poly silicon TFT LCDs each and 3,600 resp. 3,100 ANSI lumens brightness at a contrast ratio of 400:1. Five optional lenses featuring different focal lengths are available for both XGA models. Various connection possibilities for data-, video- and audio sources offer good flexibility with regards to projected formats. Quick maintenance with easy lamp- and filter changes make the new LCD projectors real economical devices in daily business.

IFA: hall 3.2, booth 101

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

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#### **9) Panasonic: PT-D3500E DLP projector for long running projections**

Panasonic offers a new DLP projector, the PT-D3500E, which represents a reliable solution when brightness of around 3,500 ANSI lumens is in demand. This new device is the perfect partner in 24/7 applications meeting highest demands with regards to picture and equipment quality. In order to enhance picture quality the company further developed the motor of the colour filter wheel. This leads to minimizing friction losses in the motor enabling a more precise triggering of the colour wheel. Operation noises are reduced. The result: excellent colour representation. This is also achieved by a "6-color-matching" technology. In contrast to common 3-color-correction, the PT-D3500E can achieve much more precise results with regards to colour reproduction because secondary colours such as cyan, magenta and yellow can be adjusted individually. These features are especially important in areas like medicine, graphic design and advertising. A rather unusual feature in this class is a special dust protection based on the fact that the entire optical unit is sealed. Furthermore, an optimal air flow to cool the lamp in the projector allows for long running projection - even longer than 24 hours - and reduces the noise level in the lamp saving mode to a pleasant 29 db. The PT-D3500E's motorized zoom changeable lenses allow for flexible adjustment to nearly any projection distance and are compatible to the PT-D5500E/EL's lenses.

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

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#### **10) EIKI: new DLP projector in the EIKI professional line**

Thanks to 4,500 ANSI lumens brightness and a contrast ratio of 1000:1 the EIKI EIP-4500 is suitable for professional applications and for fixed installations in large conference- and lecture rooms. It also makes an ideal partner for 24/7 applications such as control rooms. Being equipped with latest DLP technology the EIP-4500 offers an operation time of more than 20,000 hours. Apart from vertical and horizontal lens shift function, the EIP-4500 also consists of a 3D keystone correction which is controlled by the projector's remote control. The 2 lamp system enhances the lamp life span to up to 6,000 hours using ECO- and changing mode. Apart from a RS232 interface the EIP-4500 has an integrated web browser enabling control and remote control via PC. Thanks to 200 hertz high resolution image data can be projected without any quality loss. An integrated CI-VIC scaler can represent progressive video images and film material in 24 film mode with 48 half images per second.

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

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#### **11) SANYO: the new projectors: PLC-XU73, -XU70, -SU70**

SANYO introduces a new brilliant trio for business presentations and education facilitating day to day usage in business and education. Flexibility, quality and easy handling are asked for most frequently when it comes to demands with regards to technology in the office or in seminar rooms. The new projectors - PLC-XU73, PLC-XU70 and PLC-SU70 - can meet these criteria without a problem. The light weight of only 2.4 kg makes these ultra-portable projectors easy to handle in almost any location. In order to fastening on-location installations the beamers are equipped with vertical trapezoid correction enabling projection of rectangular images from every position. Outboothing image quality ensures all eyes are on the screen. The projectors have a brightness of 2,000 ANSI lumens (PLC-XU73/SU70) and 1,500 ANSI lumens (PLC-XU70); the contrast ratio is 400:1 (auto mode). The PLC-SU70 offers S-VGA resolution (800 x 600); the PLC-XU73 and the PLC-XU70 both offer XGA resolution (1024 x 768). Furthermore, all three projectors are HDTV compatible (processing of 1080i, 1035i and 720p). Flexibility is also guaranteed through numerous connection possibilities: The projectors feature component-, video-, S-video-, composite-video- and audio inputs, USB as well as serial connections.

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

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### **12) BenQ: PE8720 projector to fulfil highest expectations**

BenQ's latest home cinema projector, the PE8720 is characterized by a high definition PE screen and a stylish look. Offering the very latest technological features BenQ's projector will appeal to home cinema enthusiasts with the highest expectations and bring true cinema experience into the home. Superior image quality BenQ is transforming home cinema with the new HD3 DarkChip® DMD-Chip from Texas Instruments assuring excellent image quality. The DLP™ Home Cinema Projector persuades with native 16:9 resolution, a contrast of 6,200:1, and an amazing whispering sound of only 23db. The stylish projector has a light performance of 1,000 ANSI lumens. For optimized colour performance the projector is equipped with an eight segment colour wheel. The ability to show high definition TV (HDTV) is supported by the HDMI input guaranteeing that the BenQ PE8720 is truly a secure investment and a highly reliable multimedia device. Its stylish look has brought him one of the most renowned awards worldwide: the IF Design Award 2005. Thanks to Senseye technology the PE8720 has convincing pictures, natural colours and extraordinary sharpness. Apart from automatic and dynamic image enhancement, correction of darkness level, intelligent colour mapping and picture frame smoothing Senseye guarantees optimal contrast, colour and sharpness. Furthermore, the lens shift function simplifies positioning the BenQ PE8720 in the room.

**More: <http://www.BenQ-eu.com>**

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### **13) Kindermann: versatile KXD 160 DLP projector**

The new Kindermann KXD 160 projector offers an ideal solution especially for schools, small firms and private users. The KXD 160 consists of all important features which are vital for any projection. 2,000 ANSI lumens brightness make pictures excellently visible even under adverse light conditions. Thanks to a high contrast ratio of 2,000:1 text and image projections can be seen even better. The projector not only represents texts and graphics realistically and precise but also photos. DLP technology guarantees fine colour quality in home cinema applications since the transparency segment of the 4 segment RGB-W colour wheel is shut off during presentations. A further plus for home cinema applications is the HDTV ability as well as the possibility to switch picture formats from 4:3 to 16:9. At a size of 265 x 95 x 200 mm and a 2.2 kg weight, this projector is a true lightweight and easy to carry. The resolution is XGA (1,024 x 768) however the projector also supports VGA, SVGA and SXGA. Line cord, VGA cord, composite-video cord, S-video cord, audio cord, IR remote control as well as a carrying bag are included in delivery. The projector is available in September.

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

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### **14) Projectiondesign: high-end home cinema projector**

Projectiondesign offers a further highlight introducing the action! model three home cinema projector featuring single chip DLP-technology. It includes the new HD2+ DC3™ DMD technology from Texas Instruments, patented DuArch two lamp systems and two configurable colour wheels (6 or 7 segment) helping to achieve a contrast ratio of up to 7,500:1 for dynamic images and a superb black level. The projector has a resolution of 1,280 x 720 pixels, an individually adjustable brightness between 500 and 2,000 ANSI lumens, DCI-D (HDCP), RS232 and TCP/IP connections, Faroudja chips for video processing and is HD ready. Six high quality precision optics featuring lens shift are available for this model. The projector is now available and can be seen in September on the Top Audio & Video 2005 in Milan and the Cedia Expo 2005 in USA.

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

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### **15) vision tools: high resolution HDTV projectors added to rental park**

The German vision tools GmbH, located in Hamburg, this August adds additional devices to their rental park. Apart from the great assortment of high performance DLP and LCD projectors, plasma- and LCD monitors in all sizes as well as direction technology vision tools decided to further enhance the HDTV product portfolio. The Digital Projection, Lightning 35 HD, covers the HDTV large display projector area. A complete range of optics was included. In the area of projection screens HDTV applications were considered, too. Draper Cinefold and Cinetruss 16:9 screens featuring three to 7.59 meters width including front and rear projection drapery are now available. Regarding direction technology, the new Barco Folsom Encore multilayer video display system was integrated. Users can now draw back on latest technology with regards to image composition, switching and effects.

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

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### **16) Media Vision: MagicInteractiveFloorSystem MIF7000**

Following a worldwide trend, MediaVision together with synergy partners has further developed and enhanced interactive floor presentation systems. The MagicInteractiveFloorSystem allows for boothing completely in water. Fishes swim around you, at every step the water dabbles and waves build up and ebb away. Sounds like the dabbling water can be heard over loudspeakers simultaneously to the every movement. Footprints can be left in the sand when walking. The system also allows for unrolling the red carpet. The floor that serves as projection screen is passive; the ideal floor would be white and bright. A special 4D technology including the projector are mounted under the ceiling. Movements are then recognized via intelligent computer software using an infrared scan camera system. Logos of advertising partners, complete pictures or

advertising slogans are easily changeable in the background. Additional software – whether still life situations or customized solutions – is currently being developed. MediaVision is looking for distributing partners worldwide.

**More:** <http://www.media-vision.de>

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### **17) sax3d: HOPS. at EXPOPHARM 2005**

From 22nd to 25th September 2005, sax3d.com GmbH, developer and manufacturer of the holographic-optical projection screen HOPS.®, is going to exhibit on EXPOPHARM 2005 in Cologne, Germany. At the trade show, HOPS.®-TOUCH, an interactive in-shop customer service terminal, and Window in Motion®, an exclusive shop window presentation system, will be shown among other products. HOPS.®-TOUCH consists of a transparent HOPS.® projection screen, an interactive device and playback technology (PC and projector). In applications with the NEC short distance projector WT610, HOPS.®-TOUCH offers a comfortable and space saving possibility for an in-shop customer service without any staff needed. Window in Motion® represents a system solution for shop window design. This shop window presentation system includes a transparent HOPS.® projection surface, a projector, PC as well as special software solution. This software enables users to individually create multimedia product presentations using pictures, movies or running text and play it whenever desired, night or day.

EXPOPHARM: hall 13.1, booth A-13.

**More:** <http://www.sax3d.com>

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### **18) exact planwerk: LitMagic rear projection screen**

LitMagic guarantees pin sharp pictures without any disturbing picture appearances such as moiré, colour gradients or hotspots. It is a German product, an own production, providing quick delivery (5-10 working days in Germany). Included in delivery are 4:3 standard screens ranging from 50“ to 130“ picture diagonal (approx. 102 - 268 cm picture width). Apart from the standard screens, 16:9 formats are available as well as any other sizes up to approx. 6 x 2 meters. Naturally, the company offers matching accessories (frames, mirrors and projection racks) or custom-builds individual products. The manufacturer exact planwerk GmbH plans and implements media technology installations and is specialized in integrating modern projection and media technology.

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

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### **19) Da-Lite: Screen Design Software (SDS) Version 5.7**



Da-Lite Screen Company, Inc. announced the latest version of its Screen Design Software (SDS) is available immediately for download. SDS 5.7 has increased functionality allowing users to create custom screen drawings based on the viewing area, length of slat bar, or overall product dimension for Da-Lite's complete projection screen line. "As demand for custom sizes and formats continues to increase, Screen Design Software has become central to delivering service value to our dealers" said Matt

Teevan, Marketing Manger. Features included with SDS 5.7 include exporting finished drawings to JPEG, useful for a customer sign off or an attachment to a purchase order, and CAD and PDF drawings. A utilities section includes a standard to metric dimension converter, format calculator, Foot Lambert calculator, individual fabric specifications, and PDF drawings for electric screens. "Each version of SDS has strengthened the communication between our dealers and Da-Lite by the variety and frequency of the improvements our dealers suggest", Matt Teevan added. In addition to these new features, Da-Lite's SDS 5.7 also includes all of the features of the previous seven versions. SDS 5.7 is available for download directly from the Da-Lite web site at [www.da-lite.com/education](http://www.da-lite.com/education)

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

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### **20) Fujitsu General: new plasma displays in the SELECT LINE series**

At the IFA, FUJITSU GENERAL presents its latest plasma vision displays in the SELECT LINE series. The P42HTS 40GS (42“), the P50XTA 40GS (50“) and the P50XTS 40GS (also 50“) are presented on the German tradeshow. All products differ from their preceding models by an additional HDMI input and hence, have the HD-Ready logo. The PLASMAVISION displays and the 3LCD HDTV LPF-D711 projector are all showcased on booth 101 in hall 13 at IFA.

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

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### **21) Samsung: new PPM42M5H plasma monitor for pro A/V**

The Samsung new plasma line-up includes the 42" high-definition PPM42M5H. The new high-end plasma monitor features a high 1024 x 768 resolution and is true high-definition by matching the 720p HDTV format without the need for processing. The new plasma offers a super-high 10,000:1 contrast ratio and 1, 100 cd/sqm brightness level. The 10,000:1 contrast ratio provides whiter whites, blacker blacks and greater shadow detail. The PPM42M5H features an array of signal inputs for direct hook up to nearly any video source. This model includes Picture-in-Picture and Picture-by-Picture functionality that is ideal for videoconferencing and a built-in processor for "tiling" displays in a 2x2, 3x3, 4x4, 1x5 and 5x1 configuration. In addition, the displays can be mounted either horizontally or vertically, terrific for electronic signboards and video advertising applications. For an array of display options, the plasma features variable aspect ratios with six separate modes including 16:9 and 4:3, and a 10x digital zoom and pan control. Samsung's display offers advanced Anti-Burn Technologies including Auto Pixel Shift that keeps the images moving imperceptibly. IFA: hall 20

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

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### **22) Philips Cineos Flat TVs as of September**

Awarded Philips TV picture enhancement solution Pixel Plus and Ambilight have added to better television experience. Now, Pixel Plus 2 HD and Ambilight 2 help making third and second generation TV technology appear even livelier and more realistic. These innovative technologies are standard in the new Philips Cineos Flat TVs. Pixel Plus 2 HD offers state-of-the-art video processing technology resulting in ultimate sharpness, absolutely natural details and brilliant colours. Ambilight, the ambient light system, allows for a more intensive viewing experience tremendously enhancing picture quality. Incoming TV signals are analyzed in real-time determining a colour for the ambient light that matches the colours on the screen. The new version – Ambilight 2 – can control colours on the left and right display side separately (stereo). Ambilight 2 also has enhanced brightness, better colour saturation and four pre-settings (sport, relaxed, action, personal). Philips offers the three new Cineos Flat TVs equipped with Pixel Plus 2 HD and Ambilight 2 in the following sizes: LCD-TV 42PF9830 (106 cm picture diagonal), 37PF9830 (94 cm) and 32PF9830 (81 cm). All these models are already equipped for HDTV carrying the „HD Ready“ seal of approval. IFA: hall 22

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

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### **23) Hitachi: IFA News 2005**

Hitachi Digital Media Group is showcasing its flagship range of Master Class products at IFA 2005. Setting the standard in style, performance and advanced digital technology for home entertainment, the Master Class series is designed to give customers the ultimate digital home entertainment experience. Hitachi is demonstrating best High Definition panel technology with its Picture Master HD Ready flat screen TVs. Also featured are Hitachi's top-of-the range Movie Master DVD camcorder and its Memory Master super-multi-format DVD/Hard disk recorders. Other new products from Hitachi will include the new PJ-LC9 home entertainment LCD projector, three new LCD TVs and a new 42-inch plasma TV. Following the huge success of the PJ-TX100 home cinema projector, Hitachi is launching its new Cine Master PJ-TX200 at IFA 2005. An elegantly designed 16:9 3LCD projector for High Definition (720p) big screen entertainment at home, it offers customers excellent colour reproduction with a high contrast ratio. With flexible installation and rich connectivity, the new Cine Master PJ-TX200 offers customers a perfect combination of high-definition performance, ease of use and affordability. For the ultimate viewing experience in high definition resolution, the Picture Master 42PD7200 plasma TV and 32LD7200 LCD TV offer unsurpassed picture quality and colour reproduction. Hitachi's new Memory Master DVD/Hard disk recorders are capable of writing and reading all DVD disk formats. The Memory Master range of super multi-format recorders are able to record and play back DVD+R, DVD+RW, DVD-RAM, DVD-R and DVD-RW. Available with 80GB, 160GB and 250GB hard disk capacities, Memory Master recorders also include a new 'commercial advance' feature that allows users to automatically skip past commercial breaks when viewing or dubbing a movie. Hitachi at IFA, hall 23, booth 107

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

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### **24) HYUNDAI: new series of TV sets**

At IFA HYUNDAI ImageQuest Europe introduces numerous brand new TV models. On the occasion of the IFA 2005 the company presents a new series of television receivers named Vvuon for first time to the public. All HYUNDAI ImageQuest TV sets will be offered under the new brand name Vvuon. Therewith, HYUNDAI presents its new generation of modern HDTV models featuring high end digital technology and exceptional design. At IFA HYUNDAI presents numerous new products in the Vvuon series. Several new products are shown in the LCD-TV area, some feature integrated DVB-T tuner and enhanced picture quality due to the new FiT engine – amongst these the new 40" and 55" models. Most of the new TV sets consist of an innovative universal memory connection offering adequate input for all currently common reading and playback formats. The company also presents four new plasma monitors from 42" to 63" – also HD-ready, with integrated DVB tuner and enhanced picture quality due to FiT engine. HYUNDAI at IFA, hall 26, booth 310

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

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### **25) NEC Display Solutions: NEC MultiSync® LCD1770GX**

NEC Display Solutions Europe launches the NEC MultiSync® LCD1770GX, an extremely attractive monitor with the best possible picture quality, specially designed for computer games, videos, graphics and images. Thanks to the enormous success of the NEC MultiSync® LCD 1970GX19-inch model, NEC Display Solutions has now decided to produce the multi-award winning model in a 17-inch version. Developed to meet the needs of discriminating home users, mainly for games, the NEC MultiSync® LCD1770GX has a specially coated, glossy screen, which provides high quality colour images, particularly moving ones. The NEC MultiSync® LCD1770GX, which won the iF product design award 2005, offers a wide range of outboothing features thanks to OptiClear DVM-Technology, including a rapid reaction time of just 8 ms, guaranteeing instant moving images. Furthermore, the contrast ratio of 500:1, the exceptional brightness of 420 cd/sqm and the DVM (Dynamic Visual Mode) function guarantee perfect picture quality and brilliant colours for all images. The optional MultiSync® Soundbar 70 guarantees excellent sound reproduction, and can be simply and easily installed. A USB 2.0 Hub with four ports is built into the rear of the monitor housing. The NEC MultiSync® LCD1770GX is certified in accordance with the most stringent requirements of TCO'03 and TÜV Ergonomie.

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

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### **26) cinemateq: new Firmware 4.10**

The new firmware 4.10 for the picture optimizer plus (II SDI) series is officially available and can be downloaded from the internet and installed for free. The modifications include: The speed of the image formation has been importantly increased. Also the switching of the input signal became faster, especially if the video-standard of the relevant inputs (e.g. from a PAL-TV-Tuner or a SAT-receiver) was fixed to "video normal PAL". After an interruption shorter than 2 seconds the picture remains stable and is not initialized again. An uncircumcised image with 100% overscan is still predefined for all eight inputs. By pressing the "os" (overscan) button users can now zoom-in to the pre-assigned setting with 96% overscan, to compensate the slightly reduced quality of broadcast TV. For a finer correction of colour cast defects, the increment of the RGB gamma correction was halved. The representation of grey- and colour nuances takes place more precisely and with refined transitions. The five picture formats can now be switched directly with the "as" (aspect ratio) button on the remote control. The downloaded Firmware 4.10 can be comfortably installed as usual via RS-232 with the Windows "Bootloader" program.

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

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### **27) Gefen: New HDMI Switcher**

For video walls, system testing, dual display setups, home or office integration, Gefen's new 4x2 HDMI Switcher is designed to deliver high performance audio/video switching with no signal interruption, degradation or time lag. The 4x2 HDMI Switcher comes equipped with four HDMI inputs and two HDMI outputs. It connects four HD sources to two displays, making it ideal for the OEM market. DVI sources and displays can be connected with a HDMI to DVI Adapter and when combined with a HDMI extender, displays can be extended hundreds of feet from the source. To operate, users simply switch to whatever source they want to view by using the unit's IR remote control. Both displays show the same source when selected; multichannel digital audio and high definition video for each source is routed to both displays at the same time. The unit sustains HD video in resolutions up to 1080p and is fully HDMI and HDCP compatible.

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

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### **28) Extron: new DVS 304 digital video scaler**

Extron Electronics introduces the DVS 304, a new Digital Video Scaler that delivers high performance scaling of video, HDTV, and RGB sources. The DVS 304 features the latest scaling technology so that today's display devices yield the highest possible image quality, whether from conventional video or high resolution multimedia sources. The company also incorporated a number of features that make the DVS 304 ideal for centralizing and simplifying the integration as well as operation of an A/V system. The DVS 304 features 59 selectable output rates including RGB computer-video up to UXGA (1600 x 1200) and HDTV 1080p. With smooth, high performance switching between inputs, and a single, high quality signal output for a wide range of display devices, the DVS 304 is designed to serve as the centrepiece of an A/V system. A new feature is Automatic Input Format Detection, which enables the DVS 304 to automatically detect and process the incoming signal, greatly simplifying integration with a matrix switcher. Extron IP Link technology allows for control, configuration, and monitoring from any authorized Web client. The DVS 304 is available with SDI input (DVS 304 D), audio source switching (DVS 304 A), and both SDI input and audio switching (DVS 304 AD).

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

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### **29) Polycom: completes VSX video conferencing line**

Polycom, the world's leading provider of unified collaborative communications solutions, announced the expansion and completion of the award-winning VSX product line with three new video systems and enhanced software for all VSX products as well as an updated version of the PVX desktop video conferencing application. The now complete VSX line offers customers a state-of-the-art platform for collaboration and video conferencing from the desktop to the conference room that integrates with the leading telephony and presence-based communications infrastructures. Through the VSX platform, Polycom is enabling businesses of all sizes to reap the competitive advantages and productivity enhancements of video communications including faster decision making, improved collaboration among geographically dispersed teams and a reduction in the need for travel. For example, Pro-Motion H.264 provides incredibly lifelike and natural video at just 384 Kbps of bandwidth. All Polycom VSX systems include signature benefits that deliver unmatched quality, performance and ease of use. VSX Signature Benefits include SIP support, Crystal-clear sound with Siren 14™ audio, Voice clarity, the QoS over IP networks with iPriority, Integration with enterprise telephony, messaging and presence infrastructures, 360-degree room coverage using the Polycom Microphone Array with multiple microphones. The three new systems complete the VSX line: VSX 5000, a new breakthrough entry-level solution, VSX 7000s is a high quality, versatile group video conferencing solution for medium to large rooms. VSX 7000e is a top-of-the-line, mainstream group video conferencing system with the Polycom PowerCam™ camera. The new VSX Release 8.0 software improves the entire VSX line with new features.

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

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### **30) DVS: DI team at IBC 2005**

DVS Digital Video Systems presents its "DI team" of CLIPSTER, Pronto2K and DVS-SAN at IBC 2005 from 9<sup>th</sup> until 13<sup>th</sup> September 2005. Boosted by increased acceptance and corresponding worldwide sales, DVS' "DI team" goes to IBC with a strengthened feature-set for enhancing the digital intermediate. With new features based on version 2.0 software, CLIPSTER provides valuable conforming, versioning and film finishing tools for both editors and colourists. CLIPSTER provides the highest level of quality and performance too, processing uncompressed video in 4K RGB 12bit, with 2K RGB 12bit transitions in real-time. Its 4K capability positions CLIPSTER at the leading edge. CLIPSTER is highly flexible, offering multiple video formats in an open file system. CLIPSTER performs primary and secondary colour correction, pan-and-scan, rotation, flip/flop, cropping and transitions in real-time. The OpenFX plug-in interface accepts a huge range of additional 3rd party effects. When teamed-up with DVS-SAN, DVS' premium real-time central DI storage, production throughput really takes off. DVS-SAN has been designed exclusively for use in the film and HD post production environment. The DVS product line-up of CLIPSTER, DVS-SAN and the high-performance digital disk recorder Pronto2K forms a dedicated DI team offering high intrinsic bandwidth, flexibility and file-sharing capabilities to boost data throughput and availability in the production cycle.

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

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### **31) JVC: ProHD a major focus at IBC 2005**

JVC is to showcase the ProHD range of products for the first time to the European and International broadcast and production community on stand 8.210 between 9 – 13 September, 2005 at the RAI Centre in Amsterdam, Holland. The ProHD range includes the new 3-CCD GY-HD100E camcorder and the BR-HD50E recorder / player. These can record in both PAL standard definition (SD) and high definition (HD) using the worldwide high definition standard of HDV. The GY-HD100E can be used shoulder mounted yet is light and compact enough for handheld shooting. It comes with interchangeable lenses, mechanical stops on the zoom, focus and iris controls, twin XLRs and camera set-up positions that can be memorised on a transferable SD memory card. New film production accessories developed especially for the GY-HD100E camera will be on display. Semir Nouri, Product Manager for JVC Professional Europe comments, "Visitors to the JVC stand at IBC will be able to pick up the ProHD range of products and test out the benefits and ease of use for themselves." A comprehensive HD and SD display and monitoring area will reveal a new product highlight which is the GD-H40. This 40-inch professional LCD monitor incorporates a new input slot technology for the use of different interface input boards. The monitor offers breathtaking images for broadcast and professional users. In addition, the range of HD and multi-standard DT-V series monitors will be on show. These come in varying sizes including 10-inch, 17-inch and 19-inch models. They are both cost effective and compact in size making them ideal for high-end users whose requirements are to monitor HD SDI and SDI signals accurately, flexibly and affordably.

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

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### **32) Adtec Promotes Soloist-High Definition at IBC 2005**

Adtec Digital introduces the Soloist-High Definition Digital Media Server at IBC in Amsterdam, Netherlands, Sept. 9-13, 2005. The new Soloist-HD combines broadcast quality, technical innovation and value in a playback device, supporting MPEG-2 video in SD and HD as well as advanced compression standards and a rich array of audio formats, including Dolby® Digital. "The Soloist-HD is an excellent choice for use in museums, theme parks, retail applications and broadcast applications," Vice President of Sales and Marketing, Ron Johnson, said. "It allows for complete control via front panel, terminal, LAN or WAN and has built-in logging and verification functions." The Soloist-HD supports Dolby® Digital,

MPEG Layer 1, 2 & 3 (MP3), MPEG-4 AAC-LC, WMA9 and WMA9 Pro Audio and comes with video outputs including DVI-I, RGB and HD to SD (YC or Composite). “The Soloist-HD can mingle SD and HD of various formats in the same play list,” Johnson said. “The Soloist-HD will automatically up- or downscale the video for the target display output. This is an outstanding feature for users who are migrating to HD.” “Adtec Digital’s commitment to continually developing new and innovative technology coupled with the twenty years of experience we have gained from delivering this technology globally to competitive and diverse markets, positions us to assume greater leadership in the industry without compromising our traditional value attribution,” Johnson said.

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

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### **33) ict: outdoor LED giant for the Schönefeld airport**

The ict AG Kohlberg together with DAN WITT realized a big project: At the Berlin airport Schönefeld ict installed a giant outdoor LED display with a display size of 3.2 meters width and 10.7 meters height. Online flight information and commercials are displayed on this media wall. This is a further service plus that the Schönefeld airport offers its customers. The new giant outdoor LED display at the terminal A can not be missed. The gigantic display on the 16 meters high media wall represents the currently highest LED display in Europe. All in all, 72 (4 x 18) SMD LED modules were installed in a specially built construction. All content is transmitted via a single PC featuring an ict TouchVision INFO/MEDIA application. Especially produced flash animation and picture data can be controlled and transmitted by ict via remote administration. The ict TouchVision application controls the display’s brightness time-dependently. Thereby, the entire installation’s power consumption is optimized.

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

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### **34) 3Touch Ltd.signs partnership with Team4 Ltd.**

In the Ireland House in London, 3Touch and Team4 agreed to a contractual partnership to rapidly serve the interest of the education and training establishments. Paul Vanlint, Team4’s MD commented: “3Touch allowed us to complement our video streaming systems offer with the best possible presentation platform. We see great opportunities for bringing much better reliability, simplicity of use and more flexible room planning for teachers and presenters in UK’s further education colleges and universities or any institution with a significant number of training rooms or conference facilities” Team4 will resell all of the 3Touch Campuswide, Liberty lectern and Event manager networked solutions. “The United Kingdom is our most buoyant market”, says Pat McCauley, 3Touch’s MD, “we want to team up with companies that have the best expertise in taking presentations over IP networks, pairing IT network and AV equipment use knowledge. Team4’s staff has an excellent reputation in this field. Its streaming technology complement makes their systems and ours stand out for any technology conscious organisation interested in getting more productivity out of their training and teaching activities, be it Powerpoints, excellent quality video or both.” Teachers, trainers and presenters can walk into any room with 3Touch Campuswide Instant Presenter and start a presentation within seconds. System support can be provided remotely, a huge timesaver, centrally managed presentations insure the latest version used throughout the facilities. The speaker centric systems are so easy to use that training needs are virtually eliminated.

**More:** <http://www.3touch.com> and <http://www.team4.co.uk>

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### **35) ISE 2006: record figures**

The record number of exhibitor bookings and added space secured for the Integrated Systems Europe 2006 exhibition demonstrates that the market is buoyant and confident. This has been confirmed by the record results achieved at InfoComm® 2005 held in Las Vegas in June. The event grew 15 percent over 2004, attracting over 26,000 AV professionals including a strong increase in the number of AV and IT managers. And for the organizers of ISE 2006, this is seen as excellent news. As Mike Blackman, ISE 2006 Managing Director explains: “The success of InfoComm® 2005 demonstrates that the market is growing stronger by the year as more professionals and installers look to exhibitions as the key medium to source new products and see the latest innovations in technology.” With the majority of past exhibitors returning along with an increasing number of newcomers to the event, ISE is now the definitive European showcase for the AV systems integration market. According to Blackman this would demonstrate the importance of electronic AV systems integration as a hub of the home and professional Audio Visual market and would emphasize how vital the Show has become for those companies looking to forge partnerships to help them compete in today’s market.

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

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### **36) Russound: New online education program**

Russound announced the first part of an advanced, online education program designed to provide installers with thorough multiroom audio/video technical training. Russound's Training Education and Certification (TEC) Department has worked diligently to provide a comprehensive and entertaining curriculum. TEC offers training seminars on-site and off-site, as well as at numerous tradeshows yearly. With Russound's online learning, industry professionals can now learn at their leisure, anywhere they have computer access. The education program will be promoted on Russound's Web site and through course registration CDs available at Russound distributors. The initial curriculum consists of three courses featuring an overview of the Russound RNET two-way communication technology and will focus on specific products utilizing the technology, such as Russound's flagship controller/amplifier CAV6.6, SMS3 Media Server and ST2 Smart Dual Tuners. Each course delivers useful and practical information concerning system design, installation, setup and operation. These courses will be available online beginning August 16, 2005. They represent the first phase of a complete Russound RNET certification program. "Proper setup and programming can cut installation time, enhance clients' experiences with whole house audio systems and boost dealers' profits," said Russound TEC Specialist Matt DiPasquale. "Education gives the installer an important edge in the face of increasing technological advancements and competition in the multiroom audio/video market." Eventually, those who pass a monitored exam will become Russound RNET Certified, meaning they have the expertise to install and program Russound's most advanced systems. Future topics will include sales techniques, automation integration, consumer-oriented system operating tips and more. The online courses will increase installers' knowledge and efficiency while giving them the tools necessary to meet their client's needs. In addition to a focus on product capabilities and problem-free setup, courses will train installers to help customers use Russound's systems and their manifold capabilities. Industry watchers say customers who know how to fully use their multiroom audio/video systems are more likely to enjoy them and recommend similar systems to friends and family. "Our success as a company depends on independent installers and their customers having a consistently satisfying experience with our products," said Russound TEC Program Manager Joel Rosenblatt. "To achieve this, we need to help installers and dealers understand how to install and program our systems so they can educate their customers on how to maximize their multiroom audio/video investments." Russound will demonstrate the online courses with a computer station at booth # 518 at CEDIA Sept. 7-11.

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

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