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



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Dear newsletter readers!

This issue of www.AVP-Newsletter.com presents you with latest news from the data- and video projection / presentation.

1) **IFA: Even most ambitious expectations exceeded**

The preliminary IFA summary makes it clear: More than ever before the IFA 2005 demonstrated its suitability as the leading meeting place for European and international CE experts and, to an increasing extent, for the IT and telecommunications industries too. "The world's leading fair for consumer electronics (CE) is the pre-eminent marketing platform and attracts senior executives in particular", according to Dr. Christian Göke, Chief Operating Officer of Messe Berlin. "We are more than satisfied with the excellent response to this event." This was demonstrated above all by the participation by the presidents and CEOs of all the main international companies in the CE industry at the IFA 2005. At this year's leading fair for the CE sector 1,202 exhibitors from 40 countries occupied over 160,000 square metres of display space. The organisers, Gesellschaft für Unterhaltungs- und Kommunikationselektronik (gfu), and Messe Berlin report that not only has here been an increase in the number of exhibitors and in the display area, but there was also a double-digit rise in attendance by trade visitors. Particular mention should be made of the fact that, compared with 2003, there was a 56 per cent increase in registrations from international trade visitors. Around half of all trade visitors consisted of leading buyers and specialist dealers. The IFA 2005 thus continues to set new standards among consumer electronics trade fairs, and has met with an enthusiastic response by the trade. Over 90 per cent of trade visitors are extremely satisfied with the range of items offered at this year's IFA, and also emphasise the positive developments in sales and business contacts. Exhibitors at this year's IFA are extremely satisfied with their commercial results and the effectiveness of this event as a means of communicating their corporate message. The IFA has proved to be the ideal commercial forum for the CE sector and stimulates the desire for innovations. "The volume of orders even surpassed the most optimistic expectations", according to Dr. Rainer Hecker, Chairman of the Supervisory Board of the gfu. "Orders exceeded the volume achieved at the IFA 2003. Most of the major exhibitors are reporting a double-digit rise in the volume of orders." Particular highlights included HDTV and DVB-H, DVD recorders, MP3 components and innovations in the field of digital photography. Demand was especially high for large screen LCD televisions (32 inch and larger) and for plasma TV sets of 40 or more inches. Ordering activity also focused on navigation and hi-fi equipment. Particular mention should also be made of the keen interest shown by the trade in traditional stereo phonics. Hans-Joachim Kamp, member of the Supervisory Board of the gfu, Chairman of the Consumer Electronics trade association in the ZVEI and Chairman of the Board of the IFA stated: "The IFA 2005 again demonstrated that it is the main event for consumer electronics. The IFA 2005 helped to give a substantial boost to growth for the coming year's business and for the 2006 Football World Cup." According to a poll of exhibitors more than half of those questioned judged the development of the industry to have been significantly improved as a result of the IFA 2005. As a result of the information that they obtained at the IFA 2005 some 85 per cent of visitors are planning to purchase consumer electronics products.

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

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Enjoy reading ! Yours Kai Kröger

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2) Texas Instruments: DLP 1080p chips

On the CEDIA trade show in Indianapolis, Texas Instruments recently presented new DLP chips for projectors featuring 1080p resolution. The new DLP chips offer a resolution of 1920 x 1080 pixels. The video format 1080 becomes a standard in numerous high resolution applications, such as in television, game consoles and video players of the upper segment. Manufacturers can choose between DLP chips in 1080p resolution for 1 chip- or 3 chip applications and can therefore equip their devices with all-time picture quality.

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

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3) Liesegang dv .485 – combining economy with power

Launched as the successor to the dv 410, the Liesegang dv•485 is compact, powerful and inexpensive. With a luminous power of 2500 ANSI lumens and an extensive array of interfaces – for two computers, three video inputs and a separate monitor output –, the XGA projector is particularly suitable for professional presentations in small to medium-sized conference rooms. Its individually adjustable colour management system, which also allows true colour representation, makes the Liesegang dv •485 the best choice for use in the field of education, e.g. in art colleges. In comparison to its predecessor, the dv •485 boasts a higher contrast ratio at 500:1. Weighing in at 3.5 kg, it is also considerably lighter and more compact, making this LCD projector suitable for portable use too. The audio input assignment is freely programmable, enabling any audio channel to be selected when playing back the desired image sequence. Video presentations are optimally projected by the Liesegang dv •485 with the help of the Progressive Scan function (de-interlacing).

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

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4) Eiki: EIP-2500 for business- and education areas

The EIP-2500 is a DLP projector that has been designed for the business and education area. It is equipped with a 0.55“ DLP chip based on latest DLP technology. Featuring a brightness of 2500 ANSI lumens and a contrast ratio of 2000:1 this device is suitable for mobile presentations as well as for fixed installations in small and medium sized conference rooms. Above that it is also applicable in home cinema. Its versatility is mirrored in five different image modes alone: standard, presentation, cinema, game and sRGB. To facilitate projector set up in changing environments EIKI integrated a memory function into the EIP-2500. This function allows for the saving of individual picture modes. Thanks to a low noise level of 30 dB in ECO mode the EIP-2500 can be perfectly used in the living room. This whisper quite noise level has been achieved by changing the colour wheel motor, which now runs by air flow instead of ball bearing. An integrated support programme offers immediate help and advice in trouble shooting. In economical ECO mode featuring approximately 87% of the original brightness, the lamp life span can be enhanced to up to 3000 hours. This lamp energy saving mode is especially advantageous in environments with little incidence of light. With the EIKI NPC-1 interface (optionally available) the EIP-2500 becomes network compatible. NPC-1 enables operation, control and remote maintenance of the projector via TCP/IP network. Any fault can be automatically sent to assigned email addresses. This allows for quick and precise reaction to potential failures.

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

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5) Canon: new business projectors

The LV-7240 and the LV-7245 represent new multimedia business projectors featuring automatic keystone correction, high resolution and a contrast ratio of 300:1. The lamp performance of 2100 ANSI lumens with the LV-7240 and 2500 ANSI lumens with the LV-7245 enable projections even in bright rooms and at large distances. Wall Colour Correction preserves the original image colours when projecting onto coloured surfaces. The projector's wide-angle 1.2x zoom lens lets users achieve an image diagonal of 2.5 meters at a throwing distance of only 3 meters. A 300:1 contrast ratio means images are super crisp with brighter whites, darker blacks and richer colours. The XGA resolution (1024 x 768) for razor sharp definition is extendable with high-quality compression to UXGA (1600 x 1200). Both projectors use progressive scanning which ensures that projections remain smooth, steady and flicker-free. RGB output allows connection to an external prompt monitor so users never have to turn their back on their audience. The Remote Control has a USB infrared receiver that can control the mouse cursor of a laptop from up to 7 metres away.

More: <http://www.canon-europe.com>

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6) Toshiba's world premiere at IFA

Toshiba Projection & Display Technology (PDT) presented its new LED projector for the first time at IFA Berlin. Brand new on the market, the LED technology opens up a new world of possibilities for mobile digital projection at negligible operating costs. The DLP™ -based projector does not use a lamp as its light source, but LED technology. LEDs (light emitting diodes) have a major advantage over conventional projector lamps: they have ultra-low energy consumption, a feature which revolutionizes the whole design, and thus the potential applications, of the LED Projector. The “projector of the future” delivers full output on battery power alone for up to two hours; combined with its ultra-compact design weighing approximately 500 gramms – under half the size of conventional devices - it's the perfect companion for maximum mobility. In addition, the projector's LED technology significantly reduces operating costs: LEDs produce minimum heat and have a far longer operating life than projector lamps, eliminating the major investment factor of new lamps. But despite its small appetite, this almost noiseless mini-projector is a real powerhouse when it comes to presentations. Designed for data and video projection, the LED Projector is ideal for mobile conferencing, but also ideal for home cinema. Included in delivery is an accu and a foldable screen offering a ready for use all-in-one-solution for mobile projections.



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

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7) Optoma: ThemeScene H79 introduced

Optoma announced the launch of a world class, High Definition Ready, Home Cinema projector – the ThemeScene® H79. Utilising the latest DarkChip3™ technology and amazing contrast ratio of 4000:1, the near silent H79 (23dB) makes standard definition television look like DVD, whilst DVD content appears to be High Definition. High Definition is given a whole new dimension in image quality. The H79 features the astounding DarkChip3™ DLP™ chip from Texas Instruments; achieving both high brightness and deep black levels by “filling in” the area where the digital micro-mirror connects to its hinge, reducing the inter-pixel gap – the gap between pixels. These improvements virtually eliminate visible pixilation and produce an exceptionally smooth and well integrated image allowing viewers to sit closer to the screen without distracting pixel definition. The H79 includes a 100% -offset vertical lens shift that enables easy installation without compromising image quality. It offers an HDMI compatible DVI-HDCP connector ensuring connectivity with future digital devices.

More: <http://www.themescene.tv>

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8) Sanyo: new PLV-Z4 home cinema projector

Sanyo presented the new PLV-Z4 home cinema projector. It will outrange its successful predecessor in important features and even come up with some new features. A contrast ratio of 5000:1 allows for intense representation of bright-dark-nuances. Movies, TV shows or computer games can be enjoyed even at daylight: The PLV-Z4 is 1000 ANSI lumens bright and consists of all necessary connections. Apart from a true 16:9 panel and 720p resolution the PLV-Z4 is equipped with an HDMI input and therefore is fully HD compatible (HD-ready). The projector is already designed for HD television. Furthermore, the device is also exceptional with regards to set up range. Whether in fixed installations or flexible set ups, the PLV-Z4 can be positioned everywhere thanks to its extremely comfortable lens shift system and its high quality wide angle lens. The projector's elegant design appears very discreet. The automatic, motorized sliding opening that at the same time also protects the lens reveals that SANYO home cinema takes its business seriously to the smallest detail. Compared to the preceding model, the fan noise was once again reduced. With just 22db the PLV-Z4 is very silent.

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

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9) **Hitachi: New PJ-LC9 3LCD Projector**

At IFA Berlin, the Hitachi Digital Media Group presented its new PJ-LC9 3LCD projector, a compact 16:9 projector that is designed to give the modern family affordable and convenient big screen home entertainment. Whether it is watching a movie on DVD, playing computer games or enjoying a live sporting event with friends, the PJ-LC9 delivers a widescreen picture with high brightness. With a light output of 1300 ANSI Lumens, it offers home users a high performance projector with excellent colour reproduction and unrivalled picture clarity. The PJ-LC9 can be connected to a DVD player, TV digibox, VCR, games console or personal computer. With a wide-angle lens, 1.2X digital zoom and utilizing Hitachi's integrated Motion Adaptive Progressive Scan technology, it produces true colour, crisp images and smooth flicker-free video. Digital vertical keystone correction allows users to produce a squared screen, even if the projector is located in a very high or low position in the room. The PJ-LC9 can display an 80-inch (diagonal) screen from just 2.9 metres away and a 60-inch (diagonal) screen from just 2.2 metres.

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

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10) **KINDERMANN: Mobile presentation without power socket**

Kindermann, specialist for conferencing technology solutions, presented its „Cordless Lectern“. It consists of a height adjustable lectern equipped with an LCD touch screen monitor (interactive panel) and a mobile power source. The power source consists of a maintenance free high performance storage battery lasting for up to 10 hours of continuous operation. Through dissipating voltage to normal 220V AC users can connect additional devices such as a computer or a notebook and a projector all at the same time. Storage battery loading time is approximately 8 to 9 hours. The interactive lectern can also be moved easily from one spot to another without the need to use power sockets. The storage battery is reloaded overnight so that it will be ready to operate again the next day. The Cordless Lectern weighs approximately 32 kilos. It is equipped with wheels and it is height adjustable from 72 cm up to 105 cm. The device can be worked on seated or standing. The walk-and-talk interactive panel included in delivery has a resolution of 1024 x 768 pixels (XGA resolution) and a 15" TFT monitor with touch screen surface. It also consists of a VGA output to connect a projector for example. The ergonomic walk-and-talk remote control manages the functions and is therefore suitable for mobile presentations. An interactive whiteboard or data from other computers can be integrated in the presentations over Wireless LAN.

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

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11) **sax3d.com: Window In Motion**

The German sax3d.com gmbh now offers WINDOW IN MOTION ®, an all-in-one solution for image presentations at the PoS that is geared to the target group. WINDOW IN MOTION ® is visualization technology that consists of a transparent HOPS.® projection screen, a beamer, a special software and a playback device. The renown HOPS.® quality once again allows for representing brilliant images even at daylight. Together with the "Multimedia Collection Suite" software innovative, multimedia product presentations that are specifically geared to the target group can be realized. All elements can be shown individually on the projection screen. In addition, interactive communications solutions are also highly demanded by customers.

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

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12) **Da-Lite: Extended warranty for all Advance monitor mounts**

Da-Lite Screen Company, Inc. is pleased to announce that effective immediately the warranty for all Advance monitor mounts has been extended to five years. Advance monitor mounts and the Quick Link® design save installers time and are available in ceiling, wall, universal plasma, multiple mount configuration and yoke styles. All Advance mounts have a durable powder coat finish and are available with a variety of mounting accessories for various installation scenarios.

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



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13) **NEC Display Solutions: flexible solutions for every industry**

The NEC Display Solutions Europe GmbH has introduced a new public display product family to the market: NEC MultiSync LCD3210, NEC MultiSync LCD4010 and NEC MultiSync LCD4610. The LCDs come with many technical features developed by NEC Display Solutions such as CableComp™ function, TileMatrix™ or NaViSet™ Administrator control software. As a result, the displays are suitable for operations in various application areas. Public Displays are also increasingly used in PoS applications in order to inform customers quickly and target-oriented. In addition, many other industries such as exhibition construction, interior design or the hotel industry make use of Public Displays featuring LCD technology. The CableComp™ function allows for a cable length to the data source reaching up to 100 metres. Signal loss is automatically compensated over this long distance. With the help of NaViSet™ and NaViSet™ Administrator software based on DDC/CI standard, Public Displays can be easily adjusted and administrated via a local computer or a computer network. All three NEC Public Displays can be set up with or without frame, and therefore they are adjustable to any

environment. Thanks to their clever design, they can also be integrated under security glass or in walls directly. Another example of their versatility is various resolution possibilities ranging from 640 x 480 up to 1920 x 1080 at an original resolution of 1366 x 768. Thanks to integrated brightness adjustment, the monitors realize brilliant pictures even in dark environments. Every NEC Public Display can be controlled via remote control and infrared interface which can be deactivated as protection against misuse.

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

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14) JVC: Super-slim and highly efficient

A highlight for JVC at IBC2005 was the launch of three new professional LCD TFT monitors – the widescreen (16:9) 40-inch monitor, the GM-H40L1G and the 4:3 sized 19-inch and 17-inch monitor, the GD-19L1 and 17L1. JVC showed likewise its range of high definition DT-V monitors and their vast array of selectable input cards and a new rear projection HDTV displays. The new 19-inch and 17-inch models are ideal for diverse monitoring applications and the 40-inch GM-H40L1G LCD monitor is designed to meet the video format demands and needs of today's professional integrators and installers. The 40" LCD model has a self-diagnostic LED indicator and an Eco-Sensor which automatically tracks the ambient light level and so adjusts the screen's brightness to reduce excessive luminance. JVC's super-slim 40-inch LCD is designed for space limited installations. The GM-H40L1G monitor measures only 123mm in depth and is specially designed with a silent, thermostatically controlled, variable-speed cooling fan that delivers optimal performance. It has a native resolution of 1,366 x 768 pixels and brightness of 500 cd/qm. Images can be viewed at 170°.

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

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15) BenQ: LCD-TV DV3750 with HDTV resolution

BenQ announced the launch of the new 37-inch DV3750 to complete its line-up of LCD TVs. Featuring BenQ's Senseye TV Engine, DCDi video processing, true 16:9 golden ratio and 800:1 contrast ratio, the BenQ DV3750 LCD TV offers a truly inspiring and invigorating home theater experience. Equipped with BenQ's exclusive Senseye TV Engine, color, clarity, motion, and contrast are fully optimized to bring vivid and true-to-life images to the home. Together with DCDi video processing, the DV3750 provides added smoothness for moving images and still images alike, doing away with visual artifacts, blurriness and jagged edges. The BenQ DV3750 features ultra-fast 8 ms gray-to-gray response time. The DV3750 sports a 16:9 golden ratio, guaranteeing zero distortion and a visual effect that looks more natural to the human eye. A HD Ready LCD TV (1080), the DV3750 features a 1920x1080 high resolution and allows signals to be displayed in a 1:1 ratio. Utilizing SRS TruSurround XT and Virtual Dolby Surround II (for PAL System only) offers a 5.1 channel surround sound. SRS TruSurround XT also features a patterned cinema-like bass resonance, and a Subwoofer Output for optioning in a subwoofer, the DV3750 combines mind-blowing audio with video for a full sensory home theater experience. For personal customization, the BenQ DV3750 also offers an Independent Four-Color Adjustment function which allows users the option to adjust individual colors independently

More: <http://www.benq-eu.com>

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16) NEC: rich in contrast and HD ready

NEC showcased the fourth generation of its plasma displays at the IFA 2005 in Berlin. The three new plasma displays have diagonals of 42, 50 and 61 inches. They are 'HD Ready' and also available with an integrated DVB-T receiver. The 42XR4, 50XR5 and 61XR4 plasma TVs are compliant with the 'HD Ready' label. This means that the minimum native resolution of the display is 720 physical lines with 16:9 aspect ratio. As a result, the plasma is suitable to play HDTV because its resolution is five times higher than that of conventional TV. It can also display high-resolution DVD films (HD DVD) in razor-sharp home cinema quality. Brightness and contrast have been improved even further – to up to 1,000 candela per square metre, at a contrast ratio of up to 2,100:1. Excellent picture quality and home cinema atmosphere is provided by digital picture processing: All input signals will be digitised and processed. This enables the NEC plasma displays to produce 4096 grey levels and modify individual colour shades. For example, it can darken the colour of the sky without influencing the other colours in the image. The advantage for users is that NEC displays offer better quality as a result of the broad array of grey shades that they can produce and the TV picture can be perfectly adjusted. A long lifetime of up to 60,000 hours also ensures lasting home cinema fun. The new plasma displays will be launched on the market at the end of the year.

More: <http://www.de.nec.de/home.php/lang/ENG>

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17) V7 Videoseven: two new LCD-TVs: V7 LTV 27CH and V7 LTV 32H

At IFA Berlin, V7 Videoseven introduced new HD ready displays to the market. The V7 Videoseven flagship product is called V7 LTV 32H. It consists of all functions that are expected from a high quality LCD TV. Featuring a picture diagonal of 81.3 cm and a widescreen image format of 16:9 the device brings true home theatre experience to life. The LTV is HDTV-compliant and consists of a DVI interface. A brightness of 550 cd/qm and a contrast rate of 800:1 together with an extremely quick reaction time of 8 ms guarantee brilliant and pin sharp pictures as well as a crystal clear resolution. Despite of its size the V7 LTV 32H can be put up easily on any wall thanks to an optional wall mount. Characterized by a silver design and a clear, trendy form it will fit in any kind of living environment. The V7 LTV 32H can also be integrated in almost any TV cabinet since the speakers are located below and not on the side. The V7 LTV 27CH offers TV entertainment for the entire family. Horizontal and vertical viewing angles of 170° each guarantee optimal image quality even from a sideways position. The LCD widescreen model guarantees a true movie theatre atmosphere in the living room thanks to 16:9 format.

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

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18) ViewSonic: new 19" and 17" LCD displays for professional needs

ViewSonic® Corp. introduced the newest additions to its VP ThinEdge™ series of LCDs. The 17" VP730b and 19" VP930b are designed for professional users that demand maximum display productivity and unlimited configuration versatility, and are provided with PerfectSuite™ Control Software that automates colour calibration, asset management and theft deterrence for IT managers. Targeted at high-density data-critical environments such as financial trading floors, graphic production studios, medical, engineering and scientific laboratories, the VP ThinEdge Series is ideal for large-scale enterprise installations. Both monitors offer an ultra-slim bezel featuring an industrial design that enables advanced ergonomic adjustments—including 110mm height adjustment range, a 270 degree swivel, pivot and tilt—as well as multiple-display setups and digital multiplatform connectivity. The VP730b offers 300 nits of brightness, a 500:1 contrast ratio and 160-degree viewing angles. The VP930b provides 250 nits of brightness, a 1000:1 contrast ratio and 170-degree viewing angles. Each display offers a 1280x1024 resolution for clear, crisp images and boasts ultra-fast 8ms response times for seamless viewing of multimedia applications.

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

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19) COMM-TEC: New ProPLAY generation with extended performance

The newly added VGA output allows users to connect the ProPLAY directly to cost-efficient TFT monitors, special video monitors are no longer needed (video outputs are naturally still available). The ProPLAY can also be directly put up to VESA bores typically found in TFTs. And additional USB connection facilitates operation in any applications in which the ProPLAY is not easily accessible. Now, users have the possibility to load new clips via USB 2.0 on the ProPLAY. From now on the ProPLAY also supports the highly popular DivX format. Especially when having little Compact Flash memory this format offers advantages over the MPEG-2 Format. The schedule function of the integrated real time clock in the ProPLAY can be used to play single or play lists at individual time in order to provide relevant information at the right time, for example product advertising at a certain time of day. With the help of new Logging all clips can be recorded on a log folder on the Compact Flash card. This is an excellent way to for example measure interest in various products or to just give proof of POI advertising times to the manufacturer. Despite of having a serial interface, the ProPLAY does not require an additional, often expensive, control system for the operation mode. Clips and play lists can be accessed by easy contacts for example a motion detector. In result, operation costs are low and the installation remains manageable.



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

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20) HTS: UHF radio remote control for the FBI control centre

The professional UHF radio remote control consists of a radio hand sender and a RS232 receiver featuring an active antenna for the FBI control centre. To secure high operation security, the professional radio transmission distance is put up in the 886MHz ISM remote band. The distance can reach to up to 200m. Up to 15 receivers can be operated with one active antenna. Everyone knows the problem: at the loss of a battery of the radio hand sender a media device can not be operated any more. Since control centre (e.g. FBI-EB/ EB-SE/ 19"/ MC-C1set) and operation device are combined in the FBI control centre, media technology devices can be further operated. This, in result, guarantees enormous security of operation. Furthermore, the 10 big function buttons on the radio hand sender can be labelled individually. A 9 V battery/ rechargeable battery serves as power source for the radio hand sender.

More: <http://www.hts-fbi.de>

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21) Extron: MMX 32 VGA MTP Matrix Switcher with Twisted Pair Output

Extron Electronics announces the MMX 32 VGA MTP, a compact three input, two output VGA and stereo audio matrix switcher that features a built-in twisted pair transmitter for RGBHV and summed mono (L+R) audio. The MMX 32 VGA MTP is capable of driving UXGA (1600 x 1200) computer-video and audio signals 300 feet (90 meters) or more over a single, low-cost UTP cable. It's ideal for applications such as classrooms and conference rooms where a PC, document camera, and other sources often need to be switched to both local and remote displays. "The MMX 32 VGA MTP combines our popular MMX 32 VGA A matrix switcher and MTP T 15HD A twisted pair transmitter in one, compact enclosure," says Lee Dodson, vice president of marketing for Extron. "It offers the cost-effective, space-saving advantages of twisted pair video and audio transmission along with the convenience of a standard VGA output for local monitoring and source preview." Compatible with high resolution RGBHV computer video and component HDTV signals, the MMX 32 VGA MTP can also switch standard definition component video, S-video, and composite video signals. The MMX 32 VGA MTP can be controlled via the front panel, through RS-232, or by contact closure with the optional MMX 32 AAP and MMX 32 MAAP control modules.

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

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22) Gefen: New Line of Quality Component Cables and Format Adapters

System integration in this time of changing AV standards and analog/digital complexity just received a boost from Gefen. With their new line of format adapters and component cables, component video can be easily integrated with digital video devices using DVI, projectors using M1, analog audio/video devices using VGA and European audio/video components using SCART. The plug-and-play adapters, designed in a "pig tail" format, are flexible and give way so installation and operation is enhanced. Several versions are now available, some supporting two formats in the same adapter, providing the ultimate in combo-connection and port-saving options. These include: SCART to DVI plus Component; VGA to M1; M1 to Component plus DVI-D; DVI-DL to Component plus VGA; and VGA to Component. Also new from Gefen, professional quality 5-strand component cables with embedded audio in lengths of 6, 10, 15 and 25 feet are constructed with a durable mesh coating for optimum protection and uncompromised performance.

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

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23) RGB Spectrum: New HD and SDI Input Signal Support

The View family of multiple image display processors can be enhanced with an optional capability supporting input of HD-SDI (SMPTE 292M) and SDI (SMPTE 259M) signals. The module supports all popular HD video formats including 720p, 1080p and 1080i, as well as standard definition SDI signals. The module, the HDVI-20s from Doremi Labs, has been fully tested for compatibility with the complete View processor family (QuadView, SuperView, etc). The HDVI-20s module converts HD-SDI and SDI signals to DVI for input to the processors, which can display up to 12 computer and video inputs simultaneously on a single screen. View processors support up to 36 switched sources including computer, HDTV, S-Video, component, and composite video. The HDVI-20s module assures the highest quality input signals through its advanced image processing with spatial interpolation, sophisticated de-interlacing, and temporal processing. The option is packaged as an external unit that can be added to the View system at any time. The signal interface between the module and the View processor is all digital to ensure no loss of signal integrity.

More: <http://www.rgb.com> and <http://www.doremilabs.com/products/HDVI-20.htm>

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24) Sony: video conferencing becomes even more comfortable

Professional Solutions Europe of Sony Deutschland GmbH addresses the market of medium-sized and large conference rooms by introducing the new mid-range PCS-G50P video conferencing system. The new model provides pictures in TV quality featuring a data rate of up to 4 MBit/s in IP networks (LAN, DSL) and with relevant ISDN options of up to 2 MBit/s in ISDN. Since it is scalable the system can optimally adjusted to the user's needs. The PCS-G50P is based on the new Sony Codec generation, and thereby follows the successful high end PCS-G70P system which also already supports this new technology. It supports H.264 standard and high resolution 4CIF video transmission. The 14kHz MPEG4 AAC audio coding allows for brilliant sound. Together, both guarantee the user an excellent image- and audio quality for his or her conferences. The intern multipoint function enables communication between six different locations, which are connected over IP- and/or ISDN networks. Connected with a second system even 10 participants can be addressed. Altogether, high bandwidth, H.264 video- and 14khz audio standard as well as IP/ISDN speed matching allow for excellent conferencing quality also in multipoint operation. The video conferencing system consists of various functions. Parallel to the video image, users can transmit PC data via a special data solution box at the touch of button to the receiver. With the help of a visualizer, users can also even transmit objects in XGA quality. Thanks to extended usage of the MemoryStick, the system offers users not only a private telephone book but also the possibility to record a video conference of up to 6 hours. Playback and saving is possible with any standard PC. Streaming is also possible as well as standardized encoding of conferences.

More: <http://www.sonybiz.net>

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25) ict: Infotainment takes on new dimensions

Unbelievably high resolution, pin-sharp and detail exact – these were the multimedia showcases of the future at the IFA trade show booths. The increased TV viewing pleasure with High Density TeleVision (HDTV), the future successor of the German TV standard PAL, was one of the central themes at this year's IFA in Berlin. Brand name companies such as Harman International or the German TV station ARD were some of the major exhibitors at the IFA and they relied on the media technology from ict for the presentation of their products. On the occasion, the ict team realised galactic AV installations for their customers. The ict team created breathtaking experiences for excellent infotainment in cooperation with the leading agency WengerWittmann GmbH, Munich-Haar, at the Harman International booth: The world market leader in the professional audio sector presented their corporate brands on over 4,000 m² display area in the „Harman Galaxy“. The centre point of this galaxy was a 150 m long and 25 m wide ellipse with 241 plasma displays attached to each other in a row suspended from the ceiling. The orbit of displays visually united the individual Harman International brands. The 42" plasma displays mounted on both sides of the elliptical steel construction were fed from a pioneering DVD synchronous source never before seen in this dimension. A total of 150 DVD-Players fed specially produced movie material frame-exact to the plasmas so that fascinating sequencer effects or brandings for identification of sections of the booth were represented. The 150 DVD-Players were controlled by several networked ict ControlMachines CM 2. The professional, reliable ict media controllers provided the perfect solution for this extremely sophisticated and complex challenge. The possibilities for administration of the DVD-Players in groups and the synchronous control features of the ict ControlVision control software facilitated the reliable and speedy programming of the project despite the enormous range of hardware. Thanks to the ingenious control possibilities of ControlVision software all the DVDs could be provided with the same content simultaneously, which greatly decreased the production costs. It goes without saying that the visual experience was additionally supported by audio components to appeal to all the senses of the visitors. To achieve this, more than 50 JBL loudspeakers were mounted underneath the orbit providing a 25 channel sound effect to accompany the images. The Seamless Plasma Displays which are new to the ict product portfolio and are revolutionary in the plasma sector, had their baptism of fire on the stage of the Harman International booth: A concave plasma wall consisting of 4 x 4 screens with only 5 mm wide seam gaps between the panels displayed large size live camera images on the stage.



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

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26) CT: World Youth Day with outdoor LED screens

The XX. World Youth Day 2005 in Cologne was equipped by CT Creative Technology Germany, with a gigantic array of LED screens, LED trucks and the very latest production and broadcast technology. CT Germany together with XL Video as "ARGE" (= working partnership) supplied more than 1200 square meters of LED large screens and mobile LED trucks, which were used in and around the city of Cologne. During the entire World Youth Day 2005, the exceptional event was parallel broadcast onto the Outdoor LED screens with a size of approx. 40 square meters each, which were set up on several different spots for the hundreds of thousands of pilgrims coming from all over the world. For the highlight of the World Youth Day 2005, the main event with the Pope on the Marienfeld near Cologne, as much as 20 modular LED large screens and 12 mobile LED trucks were set up and technically supported. The dimensions of the LED screens were very impressive – each modular LED screen had a size of more than 40 square meters and the mobile trucks were equipped with LED screens which with a size between 25 and 40 square meters. About one million of pilgrims met on the former open-cast mining area of more than 2.5 square kilometres. They were able to experience live the ceremony with the Pope from everywhere on the 32 LED screens. The two Barco OLite 510 LED screens were most impressive. Each one of them had a size of more than 40 square meters surface and were hung up on frames on the right and left side of the papal hill. Also behind the scenery in the backstage area of the Marienfeld, the technicians from CT Germany were active.

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

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27) Synelec: RTE orders Control Room Processing and Digital Displays

Synelec Visual Systems, Inc. has signed an agreement to provide RTE — France's government-owned power transmission company — with complete digital display systems. The multimillion dollar order was sold through Synelec Visual Systems, a French subsidiary that U.S.-based Clarity Visual Systems, Inc. acquired in May. The three-year contract, serviced through Synelec Visual Systems in France, stipulates that it will become the exclusive provider of video walls for RTE. One hundred fifty of the 67-inch, XGA rear-projection dual lamp displays will be installed in seven separate control rooms. The displays will feature Synelec's SynLink® processing, which includes a combination of image hubs, image gateways, multi-mouse controller and pixel layer integrator. "This contract is clearly an acknowledgement of Synelec's proven credentials in the utility market," said Kristina Gorriaran, vice president of sales and marketing for Synelec Visual Systems. "It also shows that major enterprises such as RTE are confident in Synelec's ability to move ahead and deliver products, which is essential to our strategy for continued international growth." Synelec's experience in the design of control rooms for utilities, traffic and telecommunications centers spans more than 20 years. RTE is the sole operator of the French high power public transmission system. This system includes 100,000 kilometers of power lines and transforming substations which connect the power plants, distribution networks, industrial sites and the power networks of France and several neighbouring

countries. Synelec Visual Systems currently supports RTE control centers in Nancy (covering east of France) and Saint-Quentin (covering the Paris region) with four video walls configured with 24 rear-projection displays. The new control room installations will be implemented over a three-year period in various RTE locations, including Lyon, Marseille, Toulouse, Lomme, La Chapelle sur Erdre, Saint Quentin en Yvelines and Saint Denis.

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

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28) Barco: Vienna Traffic Authority obtains display wall solution

In the new traffic control centre Erdberg in Vienna, Austria's largest display wall is being set up. Under the project management of ABB AG Vienna, Barco is building an approximately 50 meters wide rear-projection display wall to increase operational safety. In order to meet the requirements of operational safety of the fleet and the corresponding infrastructure, a new traffic control centre will be established in Erdberg. Barco will provide a display wall based on the latest rear-projection technology, deployed in the modern control centre with oval layout, for a concise representation of the lines and electricity networks. The display wall consists of 144 (48 x 3) rear-projection modules with a diagonal of 50 inches. Primarily only 76 modules are going to be equipped with rear projection units. Further modules can be added and upgraded as and when required at a later date. The display wall is divided into several areas, monitoring different underground lines as well as displaying the electricity network. These logically defined display walls are controlled separately. The visualization is realized by control system pictures in world picture technology, which have been specified by the department 'Netzleittechnik' of ABB AG Vienna in close cooperation with the customer. Particular attention has been paid to the ergonomic needs, especially concerning picture size and resolution. The rear-projection systems of Barco's Overview D series feature innovative designs, e.g. dual lamp systems and optical dimming for brightness adjustment. The installation of the display wall will be finished by the end of 2005. After a successful trial period the infrastructure will be in place for the Vienna Traffic Authority to continuously improve operational safety.

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

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29) cinemateq presents itself in a new look

cinemateq GmbH & CO. KG transforms itself into a high-end full liner for audio- & videosolutions in the high-quality home cinema segment. The decision to refresh positioning and design was a logical consequence of the restructuring of the company to a full-range supplier of exclusive home cinema solutions. Thomas Greiter, cinemateq managing director, defines the new strategy as follows: "Apart from offering individual devices cinemateq expands its expertise particularly to also include complete audio- & videosolutions. We cooperate with internationally renowned high-end vendors and specialists in both segments and will position our solution and product offering still more adequately in the market" says Mr. Greiter and continues: "Despite our change in positioning, however, we continue to pursue our philosophy of providing our customers with non-anonymous, but very individualized consulting." Mr. Greiter explains the new positioning as follows: "As a full liner we have to be able to offer more than just devices and accessories. cinemateq will therefore put increased emphasis on consulting and services and thus intensify support for its specialist dealers in expanding their customer relationships. Klaus-Peter Rusche, cinemateq marketing manager, adds: "The new positioning is visualized first of all by the new logo. But our challenge goes beyond a new logo and a new colour. Our efforts are the expression of a new strategy designed to make the cooperation with our partners and customers as well as our high-quality offering even more successful." Core element of the re-arranged Corporate Design is the new logo with its concise figurative mark, the conventionalized "Q", which stands for cinemateq's claim to quality towards itself as a company and business partner as well as to its offering. Together with the new, more progressive colour red, replacing the green, the new design and the modern typography provide an improved perception of cinemateq as a premium home cinema vendor. With introduction of the new Corporate Design all brochures and internet sites were completely revised and are available online.

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

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30) Gateway for US businesses to access the pan European market

Integrated Systems Europe offers endless opportunities for European companies to create new business and rewarding partnerships. For example In the UK, financial support is available to eligible companies through the Tradefair group, which facilitates the negotiations on behalf of prospective exhibitors and UK Trade and Investment body. To also demonstrate its commitment for US companies, the organisers of Integrated Systems Europe 2006 have announced that the show has been granted Trade Fair Certification from the U.S. Department of Commerce (UDC). Certification means that ISE can now offer a level of assurance to its US exhibitors for full endorsement of their products and solutions at the show which will help facilitate export sales and leverage new business opportunities. The UDC's Belgium headquarters, believes that with the 2006 show being held in Brussels – the recognised commercial centre of Europe - this event will offer US companies many excellent opportunities. "The support that comes with US DOC certification allows buyers and sellers from the US to focus on closing deals and form new relationships with buyers and suppliers," said Ira Bel, Senior Commercial Specialist from the US Department of Commerce in Brussels.

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

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31) Polycom acquires DSTMedia

With Polycom's acquisition of DSTMedia Technology Company, Ltd. it extends its presence in Asian markets. DSTMedia is a privately held video solutions company headquartered in Beijing, China. Founded in 2001, DSTMedia is a leading provider of video network solutions for the Asia market. DSTMedia has also recently launched low cost IP video room systems, desktop products, and video walls for the China, India, Japan, and Southeast Asia markets. The company has 90 employees, primarily in research, development, sales and support, who will join Polycom. DSTMedia has seven sales offices. DSTMedia CEO and Founder Xiong Sheng Feng will become a vice president of Polycom and general manager of DST, a wholly owned subsidiary of Polycom.

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

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