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Latest news about [Audio-Visual-Presentations \(AVP\)](#)
The free of charge service for data- and video-projection and presentation



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Friday, 16th April 2004

Dear Newsletter Readers,

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In this edition of <http://www.AVP-Newsletter.com> we have the latest news about data and video projection / presentation, the video conference market and LED large screen systems. This time we are also paying particular attention to the highlights which were presented at the CeBIT and the latest articles which are being shown at ProLight + Sound from March 31 - April 3, 2004.

1) **ProLight+Sound: New Media Technology Spread Over 500 m2**

From March 31st to April 3 the ProLight + Sound, the exhibition for technical events, took place in Frankfurt. With 650 exhibitors from around 30 countries and 26.735 visitors (+30%) the ProLight + Sound is the world's largest specialist trade fair for event and communication technology, AV production and entertainment.

prolight+sound
Frankfurt am Main
31.03.-03.04.2004



For the first time ProLight + Sound makes space for a new growth segment in the branch: over a space of about 500 square metres, about 20 exhibitors (incl. Audio Video Lilienthal, BARCO, Comm-Tec, Crestron, DNP, Frauenhofer, ICT, Ingenieurbüro f. Beschallungstechnik, Objektform, PA Elektronik, Publitec, Screen-NT and SHARP) presented all kinds of media technology products and know-how. There were some exhibitors working in the media technology field represented at the exhibition last year too. What's new is having them all together in one place in hall 8.

With the presentation in the exhibition area the subject was now being highlighted from all sides. Among the industry solutions on show the visitor could find conference room solutions with high-resolution data and video projectors for permanent installation and for mobile uses, display and projection systems for special and all-round projection, info-screen towers with TV picture-compatible systems and screen sizes of up to 150 inches, high-resolution LED wall screens for indoor use and media control systems for professional work in presentation technology.



Another good extension to the subject was created by the cooperation with the CAVIS Congress for audio-visual installation systems and the Media Worknet: CAVIS presented media technology as a main focus in the congress programme - it was an integral part of the Media Worknet which started successfully last year. Trade visitors to ProLight + Sound got all the lectures free of charge.

More: www.ProLight-sound.com

Enjoy reading!

Yours Wolfgang Schölermann

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2) **NEC: Mini-Projector LT170 Wins "Design Oscar"**

The portable projector LT170 from NEC has won an iF Gold Award in the category "Product Design". There were 400 entries for this category altogether. The "grip-it-and-go" operation concept was expressly mentioned. The jury also praised the design by Ricca Tiztezuchi, Naoto Fukasawa Design. It comes especially to the fore when the projector lens is hidden behind the projection guard. " With the cuboid design of the LT 170 we have taken a completely new direction in the projector market. We are delighted that our design has been so well received ", Thomas Nedder, General Manager for Professional Graphics, said about the award. The LT170 measures only 12 by 28 cm, is 8.5 cm high and can easily be held in one hand.

More: www.nec-europe.com

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3) **Kindermann: KXD1000 - The All-in-One Projector**

Kindermann, the specialist for business and home projection, presented a world premiere at the CeBIT - the KXD 100. The projector also boasts a wireless 2.1-canal loudspeaker system and a TV tuner as an option. With its 1300 ANSI lumens, XGA resolution and a contrast of 2000:1 this video-data projector provides the exceptional picture quality which we have come to expect from DLP projectors and a colour intensity which the double RGB colour wheel without white segment makes possible. Together with the 1:1.2 Carl Zeiss zoom lens it always gives you a perfect picture. The KXD 1000 weighs a mere 4.5 kg (incl. DVD player) and with 30 dB is very quiet. The all-in-one projector will be available from May.



More: www.kindermann.de

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4) **The InFocus LP70+ is Here!**

The LP70+, which is now available, follows in the footsteps of the dependable mobile bestseller LP70. The most important improvement over its predecessor is the increased brightness which now has 1,400 ANSI lumens as opposed to 1,100 before. The XGA projector is also HDTV compatible. This enormous increase in performance has not affected the price; the recommended retail price of EUR 1,999 plus VAT stays the same. Its compact construction means that this light (only 1.1kg), robust LP70+ is perfect for use outside and in meeting rooms. The DLP projector has an enormous 1,100:1 contrast ratio and is pleasantly quiet. The LP70+ can be adapted for wireless LAN – with the extremely easy to operate module LiteShow.

More: www.infocus.com

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5) HP: the New High-End Projector XP8020

From May 2004 HP presents its new top model for companies, organisations, government offices, schools and colleges, the HP Digital Projector XP8020. Among its main features are crystal clear images, multiple connectivity and top user convenience. Basically the new HP Digital Projector XP8020 is comparable to the XP8010, but with 3.300 ANSI lumens has a much greater brightness. Even in the worst lighting conditions it produces optimal images. The XGA projector has an 800:1 contrast ratio and is scalable to UXGA (1.600 x 1.200). As an option an advanced connectivity module for the XP8000 series has been available from HP since March 2004. By installing a wireless CF card the projector can be controlled by wireless.

More: www.hp.com/de/projektoren

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6) Toshiba: T90 for Business Use

At the CeBIT, Toshiba Professional Visual Products (PVP) introduced a new projector in the performance class: the Toshiba T90. It has been specially developed for use in business and thanks to its DLP technology, XGA resolution (1024 x 768 pixels) and 2000:1 contrast with an extra sharp picture, it really stands out. A light output of 2000 ANSI lumens ensures the best picture quality even in poor light conditions. With its various connection options, the T90 offers maximum flexibility. The "Active Loop Mode" is new, an active monitor output on the projector. The T90's individual functions can be easily operated with the remote control. The device will be available from distributors and specialist stores from June 2004 and the recommended price is 2,590.- euros (plus VAT).



More: www.toshiba.de/projectors

eMail: projektoreninfo@toshiba-teg.com

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7) projectorcentral: New Kid on the Block - Olympus VP-1

For the first time Olympus is now also offering projectors. The Olympus VP-1 is small, not much bigger than a digital camera, light (only 1.1 kg) and as a result is very portable. It has an XGA resolution of 1024 x 768. This mini monster comes with 1,000 ANSI lumens of brightness and a contrast of 2000:1. In addition it uses Olympus lens technology and the Double Data Rate (DDR) from Texas Instruments. The Olympus VP-1 projector was introduced in the USA at the Consumer Electronics Show in January in Las Vegas, along with the P-10 compact printer. Both devices are part of the imaging solution that Olympus offers to its digital camera users.

More: www.projectorcentral.com/projector_details.cfm?part_id=2405

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8) Medium: PLUS V3-131 - The Slimmest Projector in the World

With the V3-131 the firm PLUS has once again set new standards for the size of digital projectors: with a height of just 35 mm, and a weight of just 1.1 kg, the V3-131 is the slimmest digital XGA projector in the world and just like the mobile phone and the PDA will belong to the mobile presenter's most useful personal accessories. Despite its size the device is fitted with all the technical fine points. With 1000 ANSI lumens and a contrast ratio of 2.000:1 the device has a superb output which is especially noticeable with photos or video images. The integrated wide-angle lens guarantees a large picture even at short distances. You can control the length of your presentations with the presentation timer. And the password protection also guards against unauthorised use.

More: www.medium.de

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9) BenQ Puts Projector Prices Down

In March BenQ reduced its projector prices. It affects nearly all the devices from projectors for beginners to professional data-video projectors. Ten models have gone down by up to 20 percent compared with February. The reason: BenQ has upped its production capacity in the factories in Taiwan and China from 15,000 in 2003 to up to 35,000 this year. That enables the manufacturer to pass on the savings to its customers. Here are a couple of examples. The DLP projector BenQ PB8220 with a hefty 2200 ANSI lumens and a 2000:1 contrast now has the recommended retail price of 1,999 euros incl. VAT (approx. 20 % reduction). The BenQ PB7220, the one with a basic resolution of 1024 x 768 pixels, a 2000:1 contrast and an ECO mode, now costs 2,249 euros (rrp. incl. VAT) and is also about 20 percent cheaper. The BenQ PB6200 now costs about 15 percent less (rrp. 1,699 Euros incl. VAT). Seven further models have had their prices reduced.

More: www.BenQ-eu.com

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10) EIKI's Multi-talent: the EIP-10V

There are enough places where the compact "GiG" can be used. The DLP projector EIP-10V is multi-talented. Both a DVD player and a media card player are integrated in the projector. The standard infrared boxes are also included. The multimedia station weighs 4.5 k and is not only ideal for schools and other educational establishments, the EIP-10V also shows its strengths in office presentations. It also offers considerable advantages to home cinema fans. The built-in DVD player supports many of the current playback sources. It has a 1700 ANSI lumens light output and a 2000:1 contrast. The XGA resolution is 1024:768 pixels and 16.7 million colours can be projected. It will be available from the middle of April and should cost about 2,990.- euros plus VAT.

More: www.eiki.de

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11) Liesegang: Solid Cinema with 16:9 Format

The latest member of the Solid series from Liesegang, the new Solid Cinema features an LCD panel with a real 16:9 resolution from 854 x 480 pixels. As a result the projector can be highly recommended for use in home cinemas, as the current wide-screen format 16:9 is available here without the customary frame. It has a high, cinema standard 900:1 contrast and 900 ANSI lumens brightness. The low noise level operation of 31 bD can be reduced even more with the "whisper" mode and goes right down to 27 dB. For straightening the picture it has of course a Keystone corrector and a 1.2x optical zoom and four-power digital enlargement. The Solid Cinema should be available in the shops from June 2004 for a recommended retail price of 1,499.- euros (incl. VAT).



More: www.liesegang.de

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12) projectiondesign: Zero one/five - High-end Home Cinema

Projectiondesign presents its new 16:9 projector model "zero one" and "zero five" at the CeBIT. Both projectors have been optimised for high quality home cinema demands and are based on Texas Instruments' DLP technology. While the "zero five", with a resolution of 1024 x 576, treats you to a continuously variable brightness of 500-900 ANSI lumens (lamp life < 3000 hours) and a contrast of 2300:1, its big brother "zero one" outdoes even this with a resolution of 1280 x 720 at 600-1200 ANSI lumens (lamp life < 4000 hours) and a 3000:1 contrast ratio. To improve the picture signal both projectors use the DCDi picture technology from Faroudja, are DVI-D compatible and with only 28 dB also extremely quiet. The distributor for Germany is the firm WS-Spalluto.

More: www.projectiondesign.com

More: www.wsspalluto.de

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13) Hitachi: New Home Cinema Projector PJ-LC5

The Hitachi Digital Media Group allowed journalists at the CeBIT a first look at the extended home cinema projector series. Hitachi presented for the first time an absolutely red-hot item - the brand new PJ-LC5 which belongs in the lower price segment. The PJ-LC5 is exceptionally good value for money: with three 0.55 inch LCD panels it achieves a light output of 1200 ANSI lumens, at an operating noise level of a mere 28dB (in whisper mode). Hitachi's Motion Adaptive Progressive Scan technology guarantees the quality and non-flickering image of a more expensive model. Flexible connection and installation options mean you can set it to suit your individual needs exactly. This makes the PJ-LC5 ideal for game consoles, digital receivers, surfing in the Internet or just for total enjoyment of the latest cinema hits. The PJ-LC5 will be available in specialist stores from April for 999.- euros (rrp.) incl. VAT.

More: www.hitachi-eu.com

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14) Epson: EMP-730/5 Package with Digicam PC L-400

The EPSON video projectors EMP-730 and EMP-735 are now available as a package with the digital camera EPSON Photo PC L-400 (rrp. 299.- euros). This 4 mega pixel digital camera has a 3x optical / 2x digital zoom, a 16 MB SD card and a USB interface. So it is not difficult to decide for an EPSON EMP 735 / 730, as the camera comes with the projectors. The super mobile data-video projector EMP-735 is an innovative highlight. It has a wireless-LAN card and a socket for a PCMCIA card. The XGA projector EMP-735 also has everything you need to make a professional presenter's mouth water: a weight of only 1.9 k, 2000 ANSI lumens and a whole range of convenient functions.

More: www.epson-europe.com

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15) publitec Shows the Sanyo HD-10

One of the highlights at the ProLight + Sound was presented by publitec - the new Sanyo HD-10 HDTV projector. The HD-10 is the first LCD projector in the world to provide a resolution of 1920 x 1080 pixels and as a result is compatible with the most widely spread HDTV standards. With a light output of 6000 ANSI lumens and nine lens options the HD-10 projector is ideal for use in events which have the highest demands for picture quality. There are also a few interesting applications to see at the stand: for example projection on crooked uneven surfaces, creating cheap panoramas with small LCD projectors and external soft-edge processing or the manufacture of multi-screen displays with the appropriate software tools.

More: www.publitec.tv

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16) Panasonic: Three New Ones - the Projector Series PT-LB10

The LCD quartet from Panasonic celebrated their premier at the CeBIT 2004: a new projector series with four types of device. The two XGA projectors, PT-LB10E and the PT-LB10NTE (wireless) and the SVGA projector PT-LB10S have an exceptional brightness of 2000 ANSI lumens, a 500:1 contrast ratio and weigh only 2.2 kilos. The fourth in the group, the PT-LB10V, has an XGA resolution of an impressive 1,600 ANSI lumens with a contrast of 400:1 and weighs in with a mere 2.1 kilos. The four projectors can be used in any situation. And operating the projectors couldn't be easier. Three keys on the top are enough to get the devices ready to start in less than 5 seconds. The three projectors PT-LB10NT, PT-LB10S and PT-LB10E are all fitted with wide-angle lenses. That gives you a diagonal of 250 cm at a distance of just 3m. And of course there is a Keystone Corrector (up to 30° vertical) along with computer and video compatibility.



More: www.panasonic-europe.com

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17) Christie: Vivid LX37, Display FP40 and New Software

Christie presented three new product highlights at the CeBIT - the LCD projector Vivid LX37, the LCD display FP40 and the ChristieNET Type X configuration software. What makes the three products really stand out is their exceptional quality. The LCD projector Vivid LX37 provides 3700 ANSI lumens at a XGA resolution of 1024x768, the new 40" LCD flat screen has a 40" active matrix TFT, a 170° viewing angle, a real WXGA resolution (1280 x 768), a brightness of 470 cd/m² and a 600:1 contrast. And the ChristieNET Type X configuration software can communicate with nearly every RS-232 unit.

More: www.christiedigital.com

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18) Ricoh: LCD Projectors PL-X160 + S140

At the CeBIT 2004 in Hannover Ricoh presented two new portable LCD projectors. The PL-X160 (XGA, 1600 ANSI lumens) and the PL-S140 (SVGA, 1400 ANSI lumens) are perfect for mobile use with different data sources. At just on three kilos, the new Ricoh LCD projectors PL-X160 and S140 provide a wide range of applications. The 1.3x Ricoh zoom lens provides an exceptional picture quality at distances of 2.5m and more. The automatic trapezium corrector recognises any vertical leaning in the projector and automatically corrects the resulting image distortion ensuring a totally natural picture.

More: ricohpmmc.com

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19) CeBIT - New from NEC/Mitsubishi: LC4000e

NEC/Mitsubishi has again expanded its product range for public displays with the NEC LCD4000e. It is now the third large-format LCD monitor the company has bought out for this field. The 40 inch LCD4000e guarantees an immaculate high quality picture even in daylight. A light output of 450 cd/m², a vertical and horizontal viewing angle of 170° also supports static images and AV applications. The monitor presented at the CeBIT has a resolution of 1,280 x 768 pixels, a contrast of 600:1 and can display 16.7 million colours. The LoopThrough function on the LC display makes it possible to present information simultaneously on two or more monitors without affecting the picture quality or fitting extra distribution equipment. The new public display NEC LCD4000e should be available in the shops from July 2004.

More: www.nec-mitsubishi.com

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20) SANYO: the New 40" LCD Monitor LMU-TK40C2

Whether in exhibitions, showrooms or shop windows - the new 40 inch TFT display from SANYO attracts the gaze of the passers-by. Its high colour brilliance and sharpness of detail make it perfectly suited for display and information screens. With 470 candelas per square metre the LMU-TK40C2 ensures excellent images even in bad lighting conditions, for example in exhibition halls or daylight-flooded conference rooms. It has a resolution of 1,280 x 768 pixels (W-XGA) for dimensions of 15:9. The high 600:1 contrast guarantees vivid images with deep blacks and brilliant whites. Thanks to a 14-millisecond reaction time the device can deal effortlessly with quick changes of picture. Video after-images are finally a thing of the past. The viewing angle is up to 170° horizontal and vertical. Attractive, elegant and only 8.9 cm from front to back it fits on any wall without taking up space. Another interesting feature: the 40" LCD panels come from Sanyo's own production.

More: www.sanyo.com

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21) Sony: WEGA the New Plasma and LCD TV

The models from the MRX1 series, which Sony presented at the CeBIT, represent its high-end entrance into the strongly growing market for flat screen TVs. The new picture technology WEGA engine from Sony, based on full digital signal processing, is remarkable for its incredibly natural colours, brilliant details and its clean contours. The new top TVs, including the Plasmas KE-P42MRX1 (42"), KE-P50MRX1 (50") and KE-P61MRX1 (61") along with the LCD TV KLV-L32MRX1 (32") and KLV-L42MRX1 (42"), will be on the market in April. Together with their excellent picture reproduction, these top models also feature a separate media box and a memory stick slot. With this you can record up to two hours of a film on a 128 MB memory stick or show digital photos and presentations.

More: www.sony.com

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22) Sharp XR-1S: Mobile Presentations Can Be So EASY

The only thing missing in the new DLP projector XR-1S's functionality is the weight! With a total on the scales of just 1.4 k, it takes up hardly any space but still provides everything you need for mobile presentations or home cinema. In its casing a contrast of 1500:1 and 1,100 ANSI lumens brightness are hidden. The recommended retail price is 1,399 €(incl. VAT). The XR1S is available from May 2004.

More: www.sharp-eu.com



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23) Samsung: 63" Plasma + Prospects (80" PDP + 57" LCD)

At the CeBIT 2004 Samsung Electronics showed its visitors a prototype of the world's currently largest plasma display (80", 1920x1080, 1000 cd/m², 2000:1 contrast) and with 57" the largest LCD TFT flat screen TV (1920x1080, 600 cd/m², 1000:1 contrast). Both support 1080 Progressive Scan Technology. The 63" plasma display PPM-63 H3 is already on the market. The plasma display is ideal for pivot operation and is fitted with a video wall function. The brightness is given as 700 cd/m² and the contrast 1000:1. Images and graphics can be shown with a fascinating richness of detail in lifelike quality with a (native) resolution of 1366 x 768, created by the unique DNIe technology from SAMSUNG.

More: www.samsung.com/

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24) LG: Superlative Plasma Displays in 76" + 60"

At the CeBIT 2004 LG Electronics, one of the worldwide leading plasma device manufacturers, gave further proof of their competence in plasma screens. With the prototype of a 76 inch PDP (Plasma Display Panel, 193 cm screen diagonal) with a resolution of over 2 million pixels, the company is once again on the highway into the future. The 76 inch PDP also catches the eye with its high quality (HD resolution, 1920 x 1080) and compact construction (83mm slim). LG Electronics' 76 inch PDP sets high standards for the other plasma screens which have to follow. The other screen which they presented, MZ-60PZ92V, is already on the market. This is a display with a 60 inch diagonal (152cm), a crystal clear 1,366 x 768 pixel resolution and a brightness of 1000cd/m² with a 2000:1 contrast. The screen can be used either horizontally or vertically depending on the application.

More: www.lge.com

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25) Eyegonomic: New LCD-TV SeriesR in 22" and 32"

The new product series from the Eyegonomic stable, the LCD TV, offers not only a beautiful and simple design but also top-class picture quality. The new LCD TVs in the W series will have either a 22" or 32" widescreen along with integrated loudspeakers and a TV tuner function. Both units come with a stand and optional wall fitting. The special "anti-reflection" glass front provides better picture quality and protects the TFT panel. The high contrast of 500:1 and a brightness of 450

glass front provides better picture quality and protects the TFT panel. The high contrast of 500:1 and a brightness of 450 cd/m² make these devices ideal for home cinema. A wider viewing angle of 170/170 (H/V) degrees allows more people to watch the film. The TV offers analogue, DVI-D, S video, composite and SCART inputs along with audio line in and out and a TV tuner with teletext support for the European market. The two LCD TVs will be available from April 2004.

More: www.eyegonomic.com

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26) Mitsubishi: DLP Display Cubes in 50" + 67"

Following the super slim DLP Display Cube VS-60XT20U in 2003, Mitsubishi Electric will be presenting four models of the new XL series (50"+67") in April 2004 at the INTERKAMA. They will also be shown in April at the forthcoming markets for display cubes, for control rooms, surveillance systems, multimedia centres and so on. The 50" cube comes in the standard version (VS-50XL20U), with automatic lamp changer (VS-50XLW20U), with front maintenance access (VS-50XLF20U) and as a 67" standard cube (VS-67XL20U). Brightness, contrast and image reproduction - the new models set new standards for display cubes with their special features. The new cubes in the XL series also provide a light output of up to 1000 cd/m² and a high contrast ratio of 1300:1.

INTERKAMA, hall 6, stand B48

More: www.mitsubishi-evs.de

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27) CASIO YC-400: 4M Digital and Document Camera

A revolution in presentations. With the multifunctional camera system YC-400, CASIO has become the first firm to integrate a 4 million pixel digital camera into a presentation system. The YC-400 does away with previous limitations. Whether as a "stand-alone" digital camera, to photograph the whiteboards or as a document camera - the YC-400 allows you to integrate templates, latest photos object and more in a presentation immediately. The accompanying software also deserves a mention, regulating everything as if by magic and at an unbelievable speed and sharpness of detail. The 4M digital camera photographs any document at high speed automatically loads the picture in the PC, corrects documents which are not straight and stores the data. Aperture, shutter and white balance are all automatic.



More: www.casio-projectors.com/

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28) SysComTec: Document Camera Price Reduction

Just in time for the CeBIT, SysComTec has reduced the prices for Samsung document cameras. So the SDP 6500 P SXGA Visualizer in black or beige is now available for 4,900 EUROS, the SDP 950 DX for 3,590.- EUROS, the SDP 950 ST - basic for 2,950 EUROS and the SDP 900 DX XGA Visualizer with DIN A4 transmitted light for 3,490 EUROS. All the above prices are recommended retail prices plus VAT.

More: www.syscomtec.com

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29) GTCO CalComp: New InterWrite Software Vers. 5

InterWrite Software is the intuitive software for interactive presentations and lesson design with the projector and PC. The InterWrite software lets you bring life into every lecture, work on lesson tasks dynamically and make important points especially clear. Results or explanations can be digitally written over the projected picture and stored in the PC. InterWrite software has been completely redesigned and extended with lots of convenient functions. What's new: various FillObjects and stamp forms, focus tools (zoom, spotlight), a comprehensive picture database, a recorder, for example to draw solution paths or reminders and lots more. And if you already own an InterWrite product you can update your software to the latest version free from the website.

More: www.gtcocalcomp.com

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30) TV BOX 33 from V7 VideoSeven

The V7 TV Box 33 can be connected to IC displays, projectors, plasmas and CRT monitors smoothly and easily. The user is no longer dependent on a PC. The V7 TV Box 33 edits progressive image signals and has a channel search which can look for all the available channels by itself. Brightness, contrast, colour and sharpness can be set using the multi-language menu. The device has a coaxial TV aerial input, an audio input (R/L), VGA, S-Video and composite (RCA) video inputs, a PC audio and component input. The V7 TV Box 33 has a resolution of 1280 x 1024, PIP function and A2/NICAM stereo. The V7 TV Box 33 is available in specialist shops now at a price of 119.- Euros (incl. VAT).

More: www.videoseven.com

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31) Hitachi StarBoard P-55XN: Infrared Sensing System

Hitachi Software presented a prototype of the new StarBoard P-55XN for the first time at the CeBIT. This is an interactive infrared sensing system, embedded in the frame provided by the new 55 inch screen in the Hitachi 55PMA550E from the H3 plasma monitor series. The new plasma catches the eye with its clarity (1000 cd/m²) and sharpness (1000:1 contrast, at a resolution of 1366 x 768). The precision of the interactive infrared sensing system is less than 2mm and allows the user to make notes and control applications on the screen precisely with an electronic pen or (switchable) with a finger. The electronic infrared pens operate without a cable and are fitted with three keys. The StarBoard P-55XN, available in early autumn, has a USB and RS232 connection.



More: www.hitachisoft.de

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32) Vogels: Projector/Plasma Mounting at the CeBIT

From 18th to 24th March Vogel's presented the highlight of its programme at the annual CeBIT exhibition in Hanover. Vogel's, a manufacturer of innovative high-quality mountings for audio and video systems, displayed, among others, the projector mounting EPC 4010 (a stylish projector mounting ideal for ceiling attachment up to 10k), the wall mounting for plasma screens EFW 2010 (a flexible tailor-made solution for practically all plasma screen models) and the mounting for TFT/LCD screens EFW 1030 (mounting for smaller and medium TFT/LCD displays with maximum 15 k).

More: www.vogels.com

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33) HAGOR: Junior Beam and Other Innovative New Products

HAGOR, for years a specialist in media technology mountings, is extending its programme with a series of soundproof, weather-proof and dust-proof casings. Also new are the motor-driven cover lifts for video-data projectors. There have also been developments in the field of mechanical products. New from HAGOR is the Junior-Beam, a small projector mounting. This comes complete with ball-joints, one-hand-adjustment system and the Spider (the protected universal holding system) and includes all the necessary fixing materials! The universal holding system fits all available projectors (max. 10 k). The HAGOR Spider is available in silver or black.

More: www.hagor.de

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34) GROBI: Receiver for the Best Large Screen Picture

Large screen fans can now watch better TV. GROBI.TV from Kaarst together with Digenius, one of Germany's leading satellite receiver developers, has optimised a digital SAT and cable receiver for large screen projection. Only the GROBI TVBOX SC6CI offers a YUV component output along with a component input. Most projectors and flat screen TVs can be used with it. The TVBOX also has SCART component and RGBS signals and even a receiver for digital SAT signals and digital cable signals. Three integrated test pictures, brightness, contrast and colour setting functions, two CI slots (so you can use CI modules to receive pay TV channels) are also included.

More: www.grobi.tv

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35) Luxion: Ceiling Projection without Permanent Installation

Luxion GmbH, a distributor for projection technology, has developed a ceiling panel which you can use to mount the portable conference room projectors ASK C160 and C180 quickly and easily for ceiling projection without permanent fittings. Just take the projector from the panel and it's finished. Afterwards the all-purpose projector can be used again as a portable. No screwing or bolting necessary - easier and quicker than ever before. Further information on the ceiling panel "Easy Business" from Luxion can be found on the Luxion website.

More: www.luxion.de

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36) cinemateq: Picture Optimizer Plus SDI

The new generation picture optimizer plus SDI provides two serial digital interfaces (SDI) for digital broadcast of uncompressed video signals. With SDI - the digital standard in professional studios - the new picture optimizer plus SDI has a loss-free component signal input, i.e. there is no quality limiting analogue transfer and the signal distance is shorter. Now picture data can be scaled without bandwidth limitation, optimised and can even be shown digitally over a DVI interface as well as analogue. In specialist shops cinemateq offers an SDI Upgrade Kit for the picture optimizer plus with two digital inputs for connection to video sources with SDI output. Recommended retail price for picture optimizer plus SDI is 2,695 Euros, the Upgrade Kit (without installation) costs 795 Euros (rrp.).

More: www.cinemateq.de

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37) Extron: Signal Transmission via TP T A45

This spring Extron Electronics presented the TP T A45, a low-priced high-performance twisted pair sender for transmitting high-resolution audio and video signals. It transmits the signals over a distance of up to 150 metres - over a single unshielded twisted pair cable CAT 5/6 UTP. The sender was developed to fit in a 45 x 45 mm standard assembly frame for installation in a wall installation box, a cable channel or a floor installation box. The Extron TP T A45 is a high performance twisted pair sender which can convert unsymmetrical stereo audio signals into a digital signal. The T A45 costs 165, -- euros and came on the market in March.

More: www.extron.com

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38) Comm-Tec Has prodyTel-Exclusive-Distribution

Comm-Tec and prodyTel have decided that Comm-Tec is exclusively taking over the distribution in Germany and Eastern Europe as from April 1st. The innovative S-Cluster series is designed for MPEG-4-streaming, background music, public address and digital messaging. The S-Cluster-system is a professional solution for applications that are aiming at transmitting audio in standard-IP-networks efficiently and cost-saving over long distances and to several receivers. Next to a pure audio transmission and a local saving the series is capable of managing markos, task bars, live sound, archives and streaming in dedicated IP/Ethernet-networks or already existent LANs. The formats MPEG-4, MP3, linear audio (PCM) and MPEG Layer II are supported.

More: www.comm-tec.de



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39) Fischer Projektion: 6m x 3,4m Screens in 16:9

Since the beginning of this year, the FISCHER PROJEKTION rental segment consists of five new 16:9 screens. The screens in the size of 600cm x 340cm were used at the European Mission Congress. Everyone, the client, the audience and the personnel were excited about the image quality.

More: www.fischer-projektion.de

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40) "G-LEC Light" - Transparent LED-Light Curtain

The G-LEC LightFrame was being previewed by G-LEC Europe at ProLight+Sound in Frankfurt, Germany. Following the footsteps of its big brother the ClassicFrame, which has been making waves on stages, TV studios and at events around the world, the LightFrame is the affordable transparent LED graphics display curtain, making LED curtain technology attainable for smaller budget productions too. G-LEC stands for "Grid-type LEd Curtain." The pixels are spaced apart by 60mm and the resulting spaces are transparent, not only to light, but also sound, wind and weather. The transparency allows actors and objects behind the display to be visible when lit, and also allows backlighting of performers through the display. The lightweight square frames, each measuring 0.96m x 0.96m, can be easily assembled and reassembled in any format, providing long term flexibility for any number and type of performances, while its sturdy aluminium frame allows for the rigours of touring. It can be mounted or hung from practically any surface, indoors or outdoors.

More: www.g-lec.com

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41) EYE-Q: 40" Outdoor Flat Display - X3-40

EYE-Q Technology has developed an outdoor flat display: the EYE-Q X3-40. It has been designed especially for large display outdoor applications. The EYE-Q X3-40 can be used at train stations, airports, stadiums or department stores. The 40" SVA TFT monitor is characterized by a rugged aluminium housing with wall- and ceiling mount option. The EYE-Q X3-40 outdoor can be used in rain and snow, in temperatures of -35° C and up to +50° C. It is resistant against shower water and dust. The cooling capacity goes from 250 up to 375 watt, the heating capacity from 300 up to 450 watt. Thanks to the heated glass front and the LCD-module excellent display values are reached at any time. The brightness lies at 500 cd/m², and the contrast ratio is 600:1. The device is also available with a 29" screen diagonal. The price is 13,350 Euro (incl. VAT).

More: www.EYE-Q.de

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42) SCREEN.NT - Mobile 100" Info Screen at PL+S

On Prolight & Sound SCREEN.NT has presented the mobile 100" info screen tower "Paris". The advantage: the clever design enables a shifting of the hood. As a consequence, the 100"SNT info screen tower (image size ca.: 2,0 x 1,60 m) can be moved through a door that is 80 cm low. Thus, possibilities of application in the event segment are manifold. The 100" rear projection solution can be easily moved from one room to another. As from April, the tower is produced in China and will be distributed worldwide. In Europe, the Paris 100" info screen tower is available at SCREEN. New Technologies.

More: www.screen-nt.de

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43) SYNELEC: New Large Display Cubes on INTERKAMA+

SYNELEC Telekom Multimedia will present its latest products on INTERKAMA+ in Hannover, 19th to 24th April 2004. On the leading international trade show for the process automation industry in association with HANNOVER MESSE, Synelec exhibits four SXGA (1.280 x 1.024 Pixel) 50" ID-Cubes-Multi-1200 in a 2 x 2 set-up. These new, high resolution rear projection cubes, which have been known as LiteMaster series, are now called IndiSys Displays (ID). These new DLP ID cubes can be controlled digitally and are redundant. IndiSys stands for "Intelligent Display System" and includes various products within the control room technology, such as DLP ID Cubes, that are available as ID-Cube 800 (SVGA), ID-Cube 1000 (XGA) and ID-Cube 1200 (SXGA). At the core of IndiSys lies a revolutionary innovation: SynLink, the world's first image digital network (patented). With a data rate of 16 Gbit/s bandwidth it is 160-times higher than standard Ethernet LAN and allows for unlimited real-time data flows. SynLink enables a secure and fast management of many complex video signals 24/7.

INTERKAMA, Halle 6, Stand F52

More: www.synelec.com

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44) NEW at Lumin: BigScreen and BigScreen 3D

The new Lumin products, BigScreen and BigScreen 3D, are composed of projection panels in a size of up to 3 x 7 meters. Thus, Lumin Visual Technologies AG is one of the few manufacturers worldwide that offers projection panels in a size as large as that. Since every panel is manufactured individually, panel parameters such as gain and contrast can be individually adjusted to installation needs. Furthermore, Lumin can manufacture a special 3D version for stereo projections. The first installations have been implemented successfully, i.e. at Siemens AG in Munich.

More: www.lumin.de

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45) G+B: Berlinale Has Used BARCO ELM R18

"Berlinale goes digital" - with media technology from Gahrens + Battermann. The international film festival 2004 in Berlin was equipped with media technology by G+B. In cooperation with Barco, movie theatres were equipped with high-performance projectors. The signal transmission was enabled in HD-format. ELM R18-projectors are characterized by a brightness of 17.500 center lumens and thus guarantee excellent brilliance and a high resolution. G+B not only was responsible for the display system (LED-large display system JJTron) but also for the audio equipment.

More: www.gb-mediensysteme.de

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46) eyecon - Intelligent Wall Management Software

eyevis develops large display systems for all sorts of applications such as control rooms or security applications. The eyevis product range includes graphic- and video split controllers to display several image signals on a projection screen, intelligent software solutions as well as projection cubes in 50", 67", 70" and 84". The wall management software eyecon is used to control, manage and organise large display walls. This software solution enables the control, display and management of various network sources (LAN/WAN) in real-time. External sources such as video and RGB can also be displayed and managed with this software.

INTERKAMA, Halle 6, Stand L32

More: www.eyevis.de

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47) QuickLogix: NetControl - Wall Management via TCP/IP

NetControl software solutions were presented at the CeBIT show (18 - 24 March) in Hannover, Germany. NetControl software controlled projector and LCD monitor equipment at the Sharp Electronics (Europe) GmbH booth during this important trade show event. NetControl is a software tool for audiovisual applications to assist in controlling and maintaining projectors and LCD monitors over an ordinary TCP/IP network. In addition to the control of single projectors and LCD monitors, NetControl is managing a 3 x 3 video wall application through its enhanced Event-Manager. The video wall is setup with Sharp's latest LC-M3700 LCD monitors and presents a 12-minute reoccurring show. NetControl's enhanced Event-Manager includes new commands for Sharp's LC-M3700 monitor generation and an improved event cycle management.

More: www.quicklogix.com

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48) BOCATEC: Laser Projectors and DPSS Laser Modules

On the Prolight + Sound BOCATEC oHG has shown several highlights. Next to the known Hermes laser projectors with new functions, the recently developed blue and red DPSS laser modules were on display. In the low-budget-segment the DPSS laser modules will be a hit. Another highlight: the result of the cooperation with software developer Lennart Wietzke is the LDS programme which presents new video playback functions. Also on display: a multimedia show by artist Björn

is the LDS programme which presents new video playback functions. Also on display: a multimedia show by artist Björn Machel, who has presented an installation using more than 24 Panasonic 50" and STEP 19" monitors and various laser projectors. Motto of the installation was the eye and its emotions.

More: www.bocatec.de

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49) Beyerdynamic: steno-s Software for Recording Meetings or Discussions

steno-s is a software for recording meetings or discussions and therefore a perfect tool to facilitate the job of taking down the minutes. Before the meeting starts the user can create an agenda of the meeting, then record the meeting and after the meeting he just listens to the recorded file and write down the minutes on a PC. During a meeting or discussion, the items of the agenda are dealt with, decisions are made, questions are asked, remarks and suggestions are put down, open questions are clarified and so on. steno-s can be integrated into Word and via an icon users can start the recorded meeting and control it via buttons or a foot switch. The player window which can be shown in your Word document will indicate all markers, such as items of the agenda, questions, remarks or decisions, placed during the meeting. Whenever a question regarding the meeting will occur later, users just listen to the recorded meeting, because everything that was said has been saved on a CD.



More: www.beyerdynamic.de

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50) prodyTel: Audio-TCP/IP-System of the S-Cluster-Series

On Prolight + Sound in Frankfurt prodyTel has shown its TCP/IP-based audio-distribution system: the innovative S-Cluster series for MPEG-4-streaming, background music, public address and digital messaging. The S-Cluster-system is a professional solution for applications that are aiming at transmitting audio in standard-IP-networks efficiently and cost-saving over long distances and to several receivers. Next to a pure audio transmission and a local saving the series is capable of managing makros, task bars, live sound, archives and streaming in dedicated IP/Ethernet-networks or already existent LANs. Comm-Tec is distributor in Germany.

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

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51) Friendlyway: Contact Manager at POI

friendlyway is bringing out the 'Contact Manager' on the internet kiosk system friendlyway classic. The slender information kiosk includes a business card scanner integrated on the keyboard extension. The user places his business card on the feeder. The card is drawn in and the address is automatically read into the system. The user saves himself from having to type in addresses. Using the addresses collected, the system offers personalized information and services at trade fairs and events. The benefit of the new system is the quick compilation of the contact information and the subsequent automated management. Thus contacts made at trade fairs can be sent to the company's office on the same day.

More: www.friendlyway.de

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52) Wings Platinum - Info-Software by Stumpf

Wings Platinum software by AV Stumpf is an easy-to-use platform for creation of audio-visual presentations, which has now been provided with an extended range of functions for devising information systems. There is a wide range of possible applications, from simple text displays to networked presentation of videos and images. Presentation and creation of multimedia contents is a core competency of Wings Platinum, whose manifold possibilities have now been made available for information systems, too. In addition to audio, images and videos, texts can also be output via ticker. In addition to synchronized playback of a timeline, the trigger function also allows programming of the time-dependent sequences for starting presentations. The field of applications ranges from visitor's information in catering facilities and museums to product presentations in department stores or on trade fairs and all forms of entertainment in theme and event parks.

More: www.AVstumpf.com

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53) ELMO: Video Conference- and Surveillance Cameras

ELMO, one of the world leading suppliers of Visual-Presenter, showed an interesting line up of communications cameras on CeBIT. On the booth the company presented PTZ-color-video cameras, which have been designed for various applications, as for example video surveillance, training, web cam or an additional camera with video conferencing systems. In connection with a 6 x objective, the model PTC 150 S offers a horizontal viewing angle by 75°. As an additional camera in video conferencing the ELMO PTC 150 S can be controlled by serial interface (Visca compatible). Thus, it can be operated easily using major functions such as zoom, horizontal and vertical tilt and presets via remote control.

More: www.elmo-de.com

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54) Polycom: New Conferencing Portal Solution "WebOffice 6.0"

Polycom has presented enhancements to its Polycom WebOffice™ personal conferencing portal solution, which provides users with a single interface for launching and directing presence-based integrated instant messaging, voice, video, data and web conferencing - i.e. unified collaborative communications - from the desktop. WebOffice version 6.0 enhancements include improved collaboration capabilities, deeper video integration and support for Linux and Macintosh computer users. WebOffice version 6.0 now supports Linux and Macintosh environments. Another new function is for example the deeper video integration which detects whether users are video-enabled.

More: www.polycom.com

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55) CeBIT: 510,000 Visitors Symbolise Turn-Around

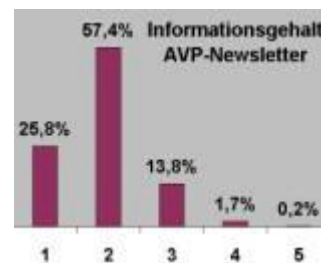
The CeBIT upturn has begun. Never before - not even during the ICT boom years - have companies attending CeBIT to make their final purchasing decisions shown as much willingness to invest as in the year 2004. Almost 50 percent of trade visitors at CeBIT 2004 came with actual purchase plans, and firms across all sectors made it abundantly clear that they are ready to make an active contribution to triggering an economic upturn. With attendance totaling 510,000, CeBIT 2004 has exceeded all expectations, with an average of 3,400 more visitors per day compared with last year - the first such rise in three years. The majority of the 6,411 CeBIT exhibitors indicated far greater certainty this year that their sales talks would culminate in real contracts. At the end of the show some 57 percent of exhibitors viewed the economic outlook for their sector as "favorable" to "very favorable" - or a good six percent more than at the start of the event. Thomas Fahrner, Area Sales Director of Hitachi Digital Media Group has expressed his satisfaction with this year's CeBIT: "We could note a clear increase in the area of consumer electronics."

More: www.CeBIT.de

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56) AVP-Reader Poll Highlights + the Winner Is

The winner of the AVP reader poll, which had been executed in February and March 2004, is Emanuel Krimmer, employee of SysComTec Distribution AG, Taufkirchen in Germany. Krimmer has been informed by the responsible market research institute InterConnection Consulting about his prize, a DVD-recorder by Philips. First results of the online poll show that the AVP-Newsletter readers are highly satisfied. 83,2% judge the newsletter's information content as informative resp. very informative. The highest interest in the AVP-Newsletter is found in the category data- and video-projectors, followed by large display plasmas and flat panels. More than half of the respondents (59,7%) are forwarding the newsletter to business partners and friends regularly resp. sporadically. Further results can be acquired from the AVP-Newsletter editorial office in April.



eMail: redaktion@avp-newsletter.de

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57) ISE 2005 in Amsterdam

ISE has confirmed that next year's Integrated Systems Europe show (ISE) will take place at the RAI centre in Amsterdam from January 26-28. The 2004 event in Geneva during February attracted 3,500 visitors, says ISE, but an exhibitor meeting was held during to discuss future venues, and Amsterdam emerged as one of the favourites. Timing was also discussed at that stage, but most exhibitors were in favour of continuing with a late Jan/early Feb slot to avoid conflicts with other shows. ISE in Amsterdam is planning to tie in with the success of this year's show in Geneva. 122 exhibitors from 22 nations presented their AV-product news to 3489 visitors from over 60 countries. Die ICIA startet gemeinsam mit Stierberg Consulting während der InfoComm 2004 in Atlanta ein neues 2-Tages Seminar für AV-Integratoren unter dem Titel: "Business Planung und Marketing für AV Integratoren: Strategisches Geschick zur Steigerung der Umsätze und zum Ausbau der Konkurrenzfähigkeit". Das Seminar findet vom 6. bis 7. Juni statt. Es ist in vier Einheiten unterteilt, darunter Strategische Planung und Marketing Intelligence Techniken.

More: www.iseurope.org

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58) Names are News

- viteq: Klaus-Peter Rusche Becomes Marketing Manager

As head of marketing Klaus-Peter Rusche, 36, has taken over all PR- and marketing activities of viteq technologies and the brand "cinemateq" as from March 1st. A graduate business economist, Rusche is responsible for PR, the product and channel marketing as well as online advertising. Beforehand, Rusche was responsible for i.a. Adobe, Financial Times Germany and Süddeutsche Zeitung in various marketing positions.

More: www.cinemateq.de

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- Brückner Now Is Director at MÄRTENS

MÄRTENS Medientechnik has a new executive director: Dipl.-Ing. Wolfgang Brückner. 49 years old, Wolfgang Brückner is working for the MÄRTENS group since 2003 and has been successful in his role as branch manager in Berlin. Initially, the communication engineer has gathered his technical know-how at the studio Hamburg. With SAT.1 Hamburg he produced various shows later on. Brückner changed jobs in 1997 and worked for PIK, a professional TV- and sound studio technology company in Berlin. With PIK, he successfully realized projects in the presentation technology sector. MÄRTENS Medientechnik can now profit from his experiences in professional media technology. With the founding of the GmbH after the insolvency of MÄRTENS Communication the firm has left the business sector of telecommunications and now solely concentrates on media technology: consulting, planning and implementation as well as distribution of video-conference systems and many more.

More: www.maertens.net

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59) Last Minute, Firmen-, Kooperations- und Kurzmeldungen

- Alliance VPLT: Skeleton Plan SR 3.0 for the Rigging-Sector

The alliance for light-, sound and event technology VPLT has worked out a national unification of qualification in the rigging sector. Due to different subjects and varying training lengths, as yet qualifications had not been comparable. Now, the guidelines for training and exams have been formulated. The skeleton plan SR 3.0, that unifies the training in the area of event-rigging in Germany, was presented on the tradeshow ProLight + Sound in Frankfurt, 31. March until 2. April.

More: www.vplt.org

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- MEDIUM GmbH Now Is EPSON-Partner

From now on EPSON data/video-projectors will be distributed by MEDIUM GmbH, Düsseldorf. Included in the distribution are mobile projectors as well as desktop and installation. The new strategic distribution partner for EPSON projectors is filling a gap which has been emerged from the annulment of the partnership between EPSON and Anders+Kern. Both of the before-mentioned companies did not extend the distribution contract any longer due to a different strategic orientation. Mit NetControl 1.1 Advanced Package Software von QuickLogix gibt es jetzt eine effiziente und kostensparende Diebstahlüberwachung von Projektoren, Plasma-Displays und LCD-Monitoren über das LAN Netzwerk. Die Software ist für Windows Betriebssysteme entwickelt worden und nutzt gewöhnliche TCP/IP Netzwerke für die Datenübertragung von und zu audiovisuellen Geräten. Die Software macht die gleichzeitige Überwachung von bis zu 300 unterschiedlichen Projektoren möglich und gibt erzeugt bei Diebstahl oder absichtlicher Deaktivierung der Projektoren ein Warnsignal, das sogar als E-Mail auf ein GSM Handy gesendet werden kann.

More: www.epson.com + www.medium.de

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- MediaVision DLV-Partner Concept

If the market is changing, we will be changing the rules - such is the motto of MediaVision. The firm has scored a hit with its DLV-partner concept (Digital Live Vision market, a new innovative service- and buying partner group). The merge with of the IT-, TK-, AV-, UE- and office sectors is proceeding. MediaVision is now introducing the partner concept, which has already proven successful in the private brand sector, with international companies. The range of products is focused on the distribution with NEC and Sanyo. The products which have been sold most often, the Magic Daylight Screen and a private brand strategy with projectors and TFT-displays, represent the main products. Interesting channel marketing activities, products and services with unique selling point form the motor for DLV- partners in order to be successful in the new markets in the future.

More: www.media-vision.de

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- AMX, Beyerdynamic, dnp/Screen, Objektform, Sharp - Common Appearance

For the first time, five media companies have been presenting their common conference room solution on one booth. The following companies together presented a test conference room: rear projection manufacturer dnp/SCREEN, New Technologies GmbH, projection manufacturer Sharp, conference room control expert AMX (Comm-Tec), audio + microphone manufacturer in the conference sector Beyerdynamic and the furniture specialist Objektform. Customer and planning parties had the possibility to meet with five of most important suppliers of professional media technology on one booth. Individual solutions could be developed on the spot.

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- bmco-Project for Terrestrial TV

Broadcast Mobile Convergence - bmco - is a community project of Nokia, Philips, Universal Studios Networks Germany and the Vodafone pilot development. This project is trying to analyse business opportunities that can be drawn from the convergence of digital terrestrial TV (DVB-T/H) and mobile communications technologies. The parties involved in the bmco-project develop and test new convergent services on the basis of broadcast- and mobile networks. They are looking for market opportunities for new interactive services as well as TV-similar services that can be used both at home and on the road. There will be a primary test in Berlin in the course of this year. According to the agreement between the four participating companies, during the project bmco is going to develop a first platform for the transmission of interactive and TV-similar contents on mobile phones. The overall goal is to have DVB-T-capable mobile phones and other portable and stationary devices profit from the wireless transmission.

More: www.bmco-berlin.com

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- Micronas: Display-Processor and Scaler

Micronas has expanded its product line of display processors and scalers for flat screen TVs by the new DPS 9455B. It is equipped with inputs for HDTV- and PC-signals and offers line-based De-Interlacing. The DPS 9455B supports all screen resolutions from VGA up to W-XGA. It is tailored to the special demands of TVs with LCDs and plasma-screens and only needs the VCT 49xyA-chip from Micronas in order to set up a complete flat screen TV on basis of only two ICs. The display-processors and scaler DPS 9455B are situated in a PMQFP with 144 connections and are available as from May 2004 as sample items.

More: www.micronas.com

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- PRO VIDEO Berlin Receives SINUS-Werkpreis

The Berlin system house PRO VIDEO receives the Sinus-Werkpreis for audio visual installations in the category 'Business'. The company is awarded for the technical realisation of the Sky Chapel of Bertelsmann AG Berlin branch Unter den Linden 1. The "Sinus - Systems Integration Award" prizes performances from the area of audio visual media technology and system integration - especially from the area of planning and implementation. The award was given by the curatorship and the jury on the CAVIS convention during the trade fair ProLight+Sound on March 31 on the Frankfurt fairgrounds. The "Sinus" is a non-endowed prize - the laureates received a certificate and a trophy.

More: www.provideo-berlin.de

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- Rundum-Erneuerung der GMKKindermann: Perfect Ceiling Mount

Kindermann has presented a perfect ceiling mount for home cinema projectors on CeBIT, the K-Vario Home Cinema CT. Especially in the home cinema segment, the ceiling projection position is the ideal solution. Thanks to the ultra flat feature, the ceiling mount K-Vario Home Cinema CT is ideal for projectors with a weight up to 10 kg that are installed in the living room. The ceiling mount is characterized by its simple elegance and easy set up, and it is rotatable in all directions of up to +/- 12°, +/-180° for fine adjustment.

More: www.kindermann.de

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- Philips-Development: E-Ink - Displays to be Coiled Up

Extra thin flat screens, entirely made of plastic, similar to paper, made to be coiled up and put into the pocket - that is the new display generation, a development that has been shaped by Philips. The technology is based on polymeres, hence synthetic. This is what makes the displays bendable, extremely light and practically unbreakable. Philips has the key competence when it comes to the manufacturing of rugged TFTs on polymere-basis with almost identical electrical characteristics. Philips, together with the American company E-Ink, has already introduced a fully functional prototype - three tenth millimeters thin and rollable like paper. The displays consist of a 200 micrometer thick upper side (1 micrometer = 1/1000 mm). The basis layer consists of integrated pixel-control in form of electronic components made of synthetic, the front contains electronic ink which reacts towards electricity. The high resolution displays deliver images and writings in stunning sharpness. The displays can be coiled up into small formatted housings. The portable devices can run with small batteries which have a positive effect on price, weight and handling.

More: www.philips.de

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- Asia-Exclusive-Contracts with Screen-Tech

Screen-Tech, specialist for acryl front- and rear projection panels, was able to close exclusive contracts in China and Taiwan. In Peking, the company closed a contract with the "Chinese Academy of Surveying and Mapping", another contract was closed with the Medien-Tech in Taipeh. Chinese SiWei Surveying and Mapping was founded 1989 and develops 3-D virtual reality systems. The developers use SMVR-technology which provides a virtual 3-D working platform for the visible

analysis, reproduction and design of spacial information. Medien-Tech in Taiwan, on the other hand, attends to tarditional markets for video- and data projection with Screen-Tech projection panels in the business and home cinema segment.

More: www.screen-tech.de

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- **IC-Studie:DKT: FreeWay combines Multiroom AV with Ethernet Control**

DKT (David King Technologies Ltd), English manufacturer, has introduced FreeWay, a new universal Ethernet A/V Gateway, to the market which eliminates common AV System Interface problems. FreeWay ist he ideal tool for applications in Smart Homes, schools, lecture halls and many other multi-room environments. FreeWay is equipped with 6 RS232 Ports, 3 RS422/485 Ports, 6 logic inputs, 6 logic outputs and a unique 4-way IR Matrix. All connected devices - TV, audio, computer, light, video and more - are controlled either via Ethernet cable or wireless. FreeWay also consists of an own web server for access and setup. An integrated compiler supports the FreeScript Macro language and an own "IR learning" hard- and software. FreeWay is the ideal interface for Microsofts Media Center. DKT is looking for distributors in Europe.

More: www.dktgroup.com

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- **Promethean Now Is State-Approved Supplier**

The British government has approved of schools in entire Britain to be equipped with Promethean ACTIVboards. This is part of the initiative for the further promotion of interactive boards in Britain. Following the announcement of the British education minister, 50 millions pounds are planned to be invested in the education sector over the next couple of years. Promethean has been offered a contract by the British Agency for Communication Technologies in education (Becta). The contract will underline the companies' status as state-approved supplier.

More: www.tds-promethean.de

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- **MindWare AG Successful as IT-Partner for Schools**

The MindWare AG proved successful as IT-partner for schools within the last year. Various institutions such as schools in the Wartburgkreis have been equipped with media technology (beamer, notebooks, digital cameras etc.). Here, the MindWare AG proved competent as "Acer Active Partner". Also schools in Rostock at the east sea were equipped with Mitsubishi-beamers and SMART Boards. In addition, the MindWare Süd GmbH can look back on a successful year. Resulting from a participation in a tender, the company received the order to equip several lecture halls of the University of Stuttgart with latest media technology. At CeBIT the MindWare AG started together with NEC and SMART Techn. a big school activity.

More: www.mindware-ag.de

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- **Clarity: Reseach Center Voice Commerce**

The first European research center for Voice Commerce has been introduced on CeBIT in Hannover. It is a common initiative of the European branch association Voice Application Standard Committee (VASCom), the technical college Gießen-Friedberg and the technology foundation Hessen (TSH) together with software manufacturer Clarity and other companies. Clarity AG has the operational management of this new "European Voice Commerce Research Center" in Bad Homburg. "Voice Commerce" is considered as a future technology with fundamental significance fort he information- and communication technology. Typical application areas are telephone information, reservation systems in the hotel and vacation branch, telephone centers, call centers or tele shopping . These modern systems not only understand a simple "yes" or "no" but also complete sentences. Questions are answered automatically. The center is organized as virtual research center. Here, all results of the various European research groups are put together.

More: www.clarity-ag.net

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