

Powerful high-end projector for permanent installation – Toshiba presents the X4500

Hanover/Neuss, March 18, 2004

At this year's CeBIT (March 18-24, 2004), Toshiba Professional Visual Products (PVP) will be demonstrating a new high-end conference projector featuring LCD technology on stand 6H2 in hall 1. The X4500 delivers a stunning brightness of 4500 ANSI lumens, along with a contrast ratio of 750:1. The model also features motor-driven zoom and lens shift functions. An array of inputs and outputs makes it extremely versatile for use with various data sources – the X4500 was, after all, designed with permanent installation in mind. Even in this niche market, the new projector from Toshiba PVP offers customers a high-end solution that lines up perfectly with the company's philosophy of meeting the highest technical standards in each and every segment.

Fitted with both a 310-Watt lamp and advanced Micro Lens Array (MLA) technology (which optimizes the way light is bundled), the new LCD projector delivers an impressive brightness of 4500 ANSI lumens. Combined with a contrast ratio of 750:1, this ensures perfect presentations under virtually any lighting conditions. The X4500 is thus the ideal choice for installation in conference rooms and other large halls or facilities.

The newcomer to the Toshiba PVP range features a motor-driven zoom to vary the size of the display at different throw distances. A motor-driven lens shift function also enables the lens to be shifted out of the optical axis. Horizontal and vertical keystone correction compensates for changes in the projection angle and guarantees straight edges on the projected image. In addition, an economy mode can be used for presentations that do not require the projector's full luminosity. This mode reduces brightness by about 20 percent, makes the ventilator operate even more quietly and extends the service life of the lamp.



Facts & figures

- Brightness: 4500 ANSI lumens
- Technology: LCD
- Resolution: XGA
- Weight: 7.7 kg
- Lens shift function, Motor Zoom
- Practical design: flexible choice of data sources thanks to numerous inputs and outputs

Press Information

Thanks to a wide range of ports, the X4500 can reproduce data from virtually any source. VGA, S-Video, composite and BNC inputs are available; and a USB port allows a mouse to be connected straight to the projector. Multiple audio inputs are also available. The X4500 supports NTSC, PAL, SECAM, NTSC4.43 and PAL-M/N signals and is compatible with the HDTV and SDTV standards.

"The new X4500 dovetails perfectly with our strategy of providing top-class projectors to customers in every segment," says Gerd Holl, Director Marketing and Sales at Toshiba PVP. "We believe that, in the long term, only those vendors will survive who meet their customers' individual demands for professional presentation technology on every level. That is the logic behind the X4500, which rounds off the top end of our product portfolio."

Price and availability

At CeBIT, Toshiba will be presenting the X4500 on stand 6H2 in hall 1. The projector will be available from resellers in July 2004. The price has not yet been finalized.

Toshiba Europe GmbH; Professional Visual Products

The Professional Visual Products (PVP) Business division offers a complete selection of data projectors designed to appeal to a variety of different target groups. In professional fields, Toshiba distinguishes between the "mobile class" for devices with a weight between 1 and 3 kilograms, and the "performance class" mainly used for conferencing and installation purposes. PVP also puts a strong focus on "home cinema" projectors, a future-oriented segment. As a system supplier, the Professional Visual Products Division works consistently to provide complementary solutions for everything that has to do with "Mobile Presentation" and "Wireless LAN". PVP is responsible for distribution to more than 45 European countries. Toshiba employs approximately 166,000 people world-wide; about 4,200 of these employees are in Europe.

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Pictures

Printable pictures (JPEG, 300dpi at a size of 13 x 18 cm) are available upon request or on the press database of Harvard PR at <http://www.harvardpr.com>

Press Information

Toshiba X4500 – Technical Data Sheet

General product information

Availability from resellers: July 2004
Recommended retail price: Not yet finalized
More information: www.toshiba-europe.com/projectors



Technical specifications

Resolution	XGA (1024 x 768)	Technology	0.99" P-Si TFT x 3 with Micro Lens Array (MLA)
Brightness	4500 ANSI lumens	Contrast	750:1
Horizontal frequency	15 - 91 kHz	Vertical frequency	50 - 120 Hz
Color reproduction	16.7 million colors	Horizontal frequency	310 W
Lens	F = 1.7 – 2.4/f = 31- 46 mm, motor-driven zoom	Keystone correction	Vertical and horizontal
Computer formats	VGA, SVGA, XGA, SXGA, UXGA; MAC 13", MAC 16", MAC 19"	Video compatibility	PAL, SECAM, NTSC, NTSC4.43, PAL-M, PAL- N, PAL 60, HDTV, SDTV

Inputs/outputs

Inputs	RGB (mini D-sub 15), BNC (x 5), M1-D, video (RCA, S-Video, BNC (x 3), audio (stereo mini-jack)	Outputs	RGB (mini D-sub 15), audio (stereo mini-jack)
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Further specifications

Weight	7.7 kg	Dimensions (WxHxD)	420 x 310 x 160 mm
Integrated speakers	Yes		
Power supply	AC 100 - 240V, 50/60Hz	Extras	Extremely powerful, motor-driven zoom

Accessories

Battery-powered remote control unit, remote control unit cable, RGB cable, video cable, M1 D-cable, power cable, operating manual, removable lenses (optional)

General information about the product segment and target group

The X4500 from Toshiba is a new high-end conference projector featuring LCD technology. It delivers a contrast ratio of 750:1 and a stunning brightness of 4500 ANSI lumens. It also has motor-driven zoom and lens shift functions. An array of inputs and outputs makes the projector extremely versatile for use with various data sources (the X4500 was designed specifically for permanent installation). Even in this niche market, the new projector from Toshiba PVP offers customers a high-end solution that lines up perfectly with the company's philosophy of meeting the highest technical standards in each and every segment.