UDX-4K32

31,000 lumens, 4K UHD, 3-chip DLP laser phosphor large venue projector

COMPACT

RUGGED | BARCOLINK | 3D READY | WARPING

30K+ LUMENS | LASER | 4K UHD | 3-CHIP DLP™

The UDX range delivers stunning experiences and savings on installation and shipping time, reducing costs significantly. The most compact, high-brightness laser projectors with integrated cooling on the market, the UDX projectors bring reliable and razor-sharp 4K images to every type of event and venue.

The UDX-4K32 features 4K UHD resolution and 31,000 lumens light output to ensure flawless shows with accurate colors at all times. The **Constant Light Output (CLO)** functionality also guarantees peace of mind by providing **constant brightness and color** over time. The UDX platform offers the **widest color spectrum** in the industry. Without compromising on brightness, the UDX color quality matches the renowned Xenon quality and outperforms the Rec. 709 color space.

Cut costs with laser projection

Thanks to their laser phosphor light source, lamp-related costs and maintenance as well as image flicker, belong to the past. The UDX series delivers a **long lifetime** and **high reliability** to ensure minimum downtime. The UDX's compact and rugged design allows you to **reduce shipping and labor costs**. The modular components can be removed quickly to limit servicing time. You can also **reuse your TLD+ lenses**.

Pick your brightness and resolution

The unique FLEX² feature will allow you to **tune and lock your brightness and resolution to a specific show**. You'll now need less projectors to cover a wider range of brightness levels and resolutions.

Faster processing for sharper images

The Barco Pulse 4K electronics offer an intuitive interface and flexible, user-friendly, embedded control software. Its **Single Step Processing** (SSP) allows for sharper images and less latency.

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Visibly yours

Product specifications	UDX-4K32
Projector type	4K UHD 3-chip DLP digital projector
Technology	0.9" DMD™ x3
Resolution	3,840 x 2,400
Brightness	Center: 31,000 (WQ)/30,000 (XPR mode) lumens / ANSI: 28,000 (WQ)/27,000 (XPR mode) lumens
Contrast ratio	2,000:1 (standard) / 2,200:1 (high contrast mode)
Brightness uniformity	90%
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lenses	TLD+ 0.8-1.16:1 ; 1.25-1.6:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1
Optical lens shift	V: -100% to +130% / H: +/- 40% on zoom lenses (memorized)
Color correction	P7
Light source	laser phosphor with inorganic phosphor wheel
Light source lifetime	+20,000 hrs
Optical dowser	Standard
Picture-in-picture	Two sources simultaneously
Orientation	360°
Sealed DLP™ core	standard
DMX 512	standard
WARP	Direct adjust OSD + toolset
Integrated web server	Yes
CLO (constant light output)	Standard
3D	Active eye wear (optional), passive Infitec (optional), passive circular (optional); 3 flash up to 200Hz
Inputs	Dual HDBt; HDMI 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad SDI/HDSDI/dual HDSDI/6G/BarcoLink
Optional Inputs	Quad DP1.2
Input resolutions	From NTSC up to 4K (4,096 x 2,160)
Max. pixel clock	600 MHz
Software tools	Projector Toolset + Android app + iOS app
Control	XLR wired + IR, RS232, Wifi, GSM (opt)
Network connection	10/100 base-T, RJ-45 connection, Wifi (optional)
Power requirements	200-240V / 50-60Hz
Max. power consumption	2,900W nom/3,100W max / STBY less than 10W
Noise level (typical at 25°C/77°F)	52dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 9,500 BTU/h
Dimensions (WxLxH)	660 x 830 x 350 mm / 25.98 x 32.67 x 13.77 inches
Shipping Dimensions	(LxWxH) 1,200 x 800 x 685 mm / 47.24 x 31.49 x 26.96 inches
Weight	92kg (202 lbs)/shipping weight from factory: 110kg (242 lbs)
Standard accessories	Power cord, wireless/XLR wired rugged remote control
Certifications	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, Rhos
Warranty	3 years
*	+/- 10%

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