

# UDX-4K32

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



- **Quicker installation, lower costs, optimal asset management**
- **Unmatched colors, 4K resolution, and best-in-class processing**
- **Unbelievable experiences thanks to exceptional performance**
- **24/7 operation**

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 FLEX<sup>2</sup> 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.

**Product specificaties****UDX-4K32**

General specifications	
Type projector	4K UHD 3-chip DLP digital projector
Technologie	0.9" DMD™ x3
Resolutie	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native) / 5,120 x 3,200 (processing)
Helderheid	31,000 (WQ)/30,000 (4K UHD) center lumens* // 30,000 (WQ)/29,000 (4K UHD) ansi lumens // 33,000 ISO
Contrastverhouding	Full field 2200:1 / Barco Dyna Black 20000:1
Helderheidsuniformiteit	95%
Beeldverhouding	16:10
ScenergiX	Horizontal and vertical edge blending
Lenzen	TLD+ 0.37, 0.65-0.85, 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
Optische lensverschuiving	Vertical between -100% to +130%, depending on lens Horizontal up to +/-40%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses)
Kleurcorrectie	P7
Lichtbron	laser phosphor with inorganic phosphor wheel
Levensduur lichtbron	25,000 hrs
Optische dowser	Digital
Foto-na-foto	Two sources simultaneously
Oriëntatie	360°
Verzegelde DLP™-kern	standard
DMX 512	standard*
WARP	Direct adjust OSD + toolset
Beeldverwerking	Embedded warp & blend
Trapeziumcorrectie	Yes
Geïntegreerde webserver	Yes
CLU (constante lichtuitvoer)	Standard
3D	Active eye wear (optional), passive circular (optional); 3 flash up to 200Hz*

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Ingangen	Single HDBaseT; HDMI 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad SDI/HDSDI/dual HDSDI/6G/BarcoLink
Optionele ingangen	Quad DP1.2 / Fiber SFP
Invoeresoluties	From NTSC up to 4K (4,096 x 2,160) refresh rates: 24hz to 120hz 4K/4KUHD (4096 x 2160/ 3860 x 2400) to 240hz WQXGA (2560 x 1600)
Max. pixelklok	600 MHz
Softwaretools	Projector Toolset + Android** app + iOS** app
Controle	XLR wired + IR, RS232, Wifi**, GSM** (opt)
Netwerkverbinding	10/100 base-T, RJ-45 connection, Wifi** (optional)
Voedingsvereisten	120-160 V(reduced power) / 200-240V (+/-10%), 20A, 50-60Hz
Max. energieverbruik	2,900W nom/3,100W max / STBY less than 10W
Geluidsniveau (standaard bij 25°C/77°F)	52dB(A)
Operationele omgevingstemperatuur	0-40°C / 32°-104°F
Operationele vochtigheid	0-80% (non condens)
Dissipatie BTU	Max. 9,895 BTU/h
Afmetingen (B x L x H)	660 x 830 x 350 mm / 25.98 x 32.67 x 13.77 inches
Verzendingsafmetingen	(WxLxH) 800 x 1,200 x 685 mm / 31.49 x 47.24 x 26.96 inches
Gewicht	92kg (202 lbs)/shipping weight from factory: 110kg (242 lbs)
Standaardaccessoires	Power cord, wireless/XLR wired rugged remote control
Certificeringen	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55032 Class A, Rohs
Garantie	3 years
*	+/-10%

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