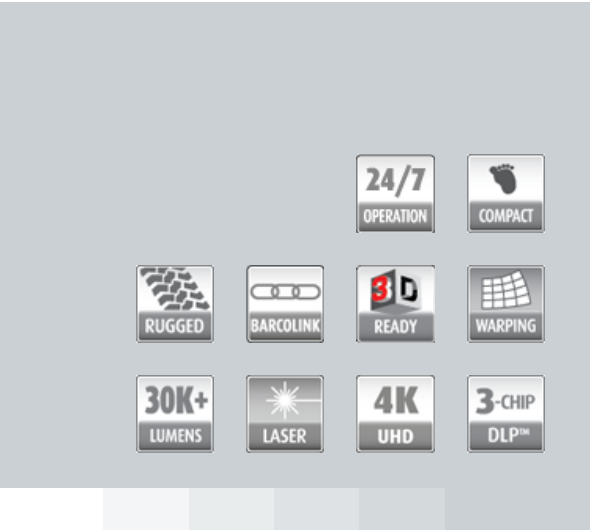
UDX-4K32

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^2 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 SPECIFICATIONS	UDX-4K32
Projector type	4K UHD 3-chip DLP digital projector
Technology	0.9" DMD™ x3
Resolution	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native)
Brightness	31,000 (WQ)/30,000 (4K UHD) center lumens* / 30,000 ansi lumens
Contrast ratio	2,000:1
Brightness uniformity	95%
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lenses	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
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	25,000 hrs
Optical dowser	Digital
Picture-in-picture	Two sources simultaneously
Orientation	360°
Sealed DLP™ core	standard
DMX 512	standard*
WARP	Direct adjust OSD + toolset
Image processing	Embedded warp & blend
Keystone correction	Yes
Integrated web server	Yes
CLO (constant light output)	Standard
3D	Active eye wear (optional), passive circular (optional); 3 flash up to 200Hz*
Inputs	Single HDBaseT; 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	120-160 V (reduced power) / 200-240V (+/-10%), 20A, 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. 9,895 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)

PRODUCT SPECIFICATIONS	UDX-4K32
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 EN55032 Class A, Rohs
Warranty	3 years
*	+/-10%

Last updated: 23 Jul 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.