

# UDX-4K40 FLEX

37,500 lumens, 4K UHD 3-chip DLP laser phosphor large venue projector



- **Stunning experiences thanks to high-brightness images**
- **More lumens from the same format**
- **Savings on installation and shipping time**
- **Laser phosphor light source for reduced costs**
- **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-4K40 features 4K UHD resolution and 37,500 lumens light output to ensure flawless shows with accurate colors. 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-4K40 FLEX**

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	37,500 (WQ)/36,500 (4K UHD) center lumens // 36,500 (WQ)/35,500 (4K UHD) ansi lumen // 40,000 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	20,000 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); 2 flash up to 200Hz*; optional Dual Eye Point 240Hz

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Ingangen	Single HDBaseT; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink ULTRA
Optionele ingangen	Quad DP1.2 / Fiber SFP
Invoerresoluties	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 (opt), 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	3750W
Geluidsniveau (standaard bij 25°C/77°F)	58dB(A)
Operationele omgevingstemperatuur	0-40°C / 32°-104°F (reduce power >40°C)
Operationele vochtigheid	0-80% (non condens)
Dissipatie BTU	Max. 12,795 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

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