

UDX-4K28

30,000 lumens, 4K UHD, 3-chip DLP laser phosphor large venue projector



- **Stunning experiences thanks to high-brightness images**
- **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 bring reliable and razor-sharp 4K images to every type of event and venue.

The UDX-4K28 features 4K UHD and 30,000 lumens light output to ensure flawless shows with accurate colors. The Constant Light Output (CLO) also provides constant brightness and color over time. Users enjoy the widest color spectrum in the industry that matches the renowned Xenon quality and outperforms the Rec. 709 color space - without compromising on brightness.

Cut costs with laser projection

The laser phosphor light source reduces lamp-related costs, maintenance as well as image flicker. The result is a long lifetime and high reliability for minimal downtime, while compact and rugged design reduces shipping and labor costs. The modular components limit servicing time. You can also reuse your TLD+ lenses.

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-4K28**

General specifications	
Type projector	4K UHD 3-chip DLP digital projector
Technologie	0.9" DMD™ x3
Resolutie	2560 x 1600 (WQXGA native) 3840 x 2400 (4K UHD) 5120 x 3200 (processing)
Helderheid	27,500 center lumens / 26,500 ansi lumens / 30,000 ISO
Contrastverhouding	Full field 2200:1 / Barco Dyna Black 20000:1
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)
Lichtbron	Blue+Red laser phosphor with inorganic phosphor wheel
Helderheidsuniformiteit	95%
Levensduur lichtbron	30,000 hrs
Kleurcorrectie	P7
Optische dowser	Digital
Beeldverhouding	16:10
Kleurruimte	REC 709+
Lenzen	TLD+: 0.37 0.65-0.85 0.73:1 ; 1.2:1 ; 0.8-1.16 ; 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 ; 7.5-11.5:8
Oriëntatie	360°
Kleurenreproductie	P3 DCI (98%) with P7 color correction
Verzegelde DLPTM-kern	standard
Ingangen	Single HDBaseT; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G-12G SDI / BarcoLink ULTRA / RJ45 Ethernet / RS232 / USB(5v) / 12V out/ BNC 3D sync in-out
Invoerresoluties	Including and up to: 3840 x 2400 @ 120HZ 4096 x 2160 @ 120H 2560 x 1600 @ 240Hz
Verwerking	Barco Pulse electronics
Webbrowser	Yes
Foto-na-foto	Two sources simultaneously
CLU (constante lichtuitvoer)	Yes
DMX 512	Yes
WARP	Direct adjust OSD + Ptoolset
ScenergiX	Horizontal and vertical edge blending
Beeldverwerking	Embedded warp & blend
Trapeziumcorrectie	Yes
Geïntegreerde webserver	Yes
Software tools	Projector Toolset + Android app + iOS app + Insights Management Suite (IMS)
Controle	DMX, XLR wired + IR, RJ45, RS232, Wifi (optional), GSM (optional)
3D	Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz*
24/7 operation	Yes
BTU/uur	Max. 8342 BTU/h
Optionele ingangen	Quad DP1.2 / Fiber SFP
Opslagtemperatuur	-10°C to 60°C
operationele vochtigheid geen condens	0-80% (non condense)

Product specificaties**UDX-4K28**

Max. pixelklok	600 Mhz
Vochtigheid bij opslag	5 -90% RH (no condense)
Netwerkverbinding	10/100 base-T, RJ-45 connection, Wifi (optional)
Afmetingen (B x L x H)	660 x 830 x 350 mm (25.98 x 32.67 x 13.77")
Gewicht	92kg (202 lbs) / shipping weight from factory: 110kg (242 lbs)
Voedingsvereisten	120-160V (reduced power)20A / 200-240V (+/-10%) 32A 50-60Hz
Operationele vochtigheid	0-80% (non condense)
Max. energieverbruik	120v: 2,450W nom/2,650W max. / 120v: 1800W nom/ 1900w max / STBY less than 10W
Geluidsniveau (standaard bij 25°C/77°F)	52dB(A)
Operationele omgevingstemperatuur	0°-40°C/ 32°-104°F (45°C reduced power)
Dissipatie BTU	Max. 8,342 BTU/h
Verzendingsafmetingen	(WxLxH) 800 x 1,200 x 685 mm (31.49 x 47.24 x 26.96" incl. palet)
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 EN55022 Class A Rhos
Garantie	3 years
*Opmerking	* Brightness levels +/-10% ** Wifi and GSM options are not available in all countries. Check with your Barco representative for more info. ***at higher altitude light output might be dimmed
*	Software upgradeable, please contact your local authorized Barco sales representative

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