

UDX-U45LC

45,000 lumens, UXGA, 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-U45LC features UXGA resolution and 45,000 ISO 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.



Designed for 3D mapping

With the high resolution 4:3 aspect ratio, the UDX-45ULC is a very well suited and affordable solution for 3D mapping with high brightness and high quality images.

TECHNICAL SPECIFICATIONS	UDX-U45LC
Tipo de proyector	UXGA 3-chip DLP digital projector
tecnología	0.96" DMD™ x3
resolución	1600 x 1200
brillo	41,000 center lumen*/ 39,500 ansi lumens / 45,000 ISO
relación de contraste	2,200:1
brillo uniforme	95%
Relación de aspecto	4:3
ScenergiX	Horizontal and vertical edge blending
lentes	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
Cambio de objetivo de la lente	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)
Corrección del color	P7
Fuente de luz	laser phosphor with inorganic phosphor wheel
Vida útil de la fuente de luz	20,000 hrs
Obturador óptico	Digital
Picture-by-picture	Two sources simultaneously
Orientación	360°
núcleo DLP? estanco	standard
DMX 512	standard
WARP	Direct adjust OSD + toolset
Procesamiento de imágenes	Embedded warp & blend
Corrección Keystone	Yes
Servidor web integrado	Yes
CLO (emisión constante de luz)	Standard
3D	Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz*
entradas	Single HDBaseT; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink ULTRA
entradas opcionales	Quad DP1.2 / Fiber SFP

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Resoluciones de entrada	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)
Reloj de píxeles máx.	600 MHz
Herramientas de software	Projector Toolset + Android** app + iOS** app
Control	XLR wired + IR, RS232, WiFi** (opt), GSM** (opt)
conexión de red	10/100 base-T, RJ-45 connection, WiFi** (optional)
Requisitos de alimentación	120-160 V (reduced power) / 200-240V (+/-10%), 20A, 50-60Hz
Consumo máx.	3750W
Nivel de ruido (típico a 25 °C/77 °F)	58dB(A)
Temperatura ambiente de funcionamiento	0-40°C / 32°-104°F (reduce power >35°C)
Humedad operativa	0-80% (non condens)
Dispacción de BTU	12,795
dimensiones (ancho x largo x alto)	660 x 830 x 350 mm / 25.98 x 32.67 x 13.77 inches
Dimensiones de embalaje	(WxLxH) 800 x 1,200 x 685 mm / 31.49 x 47.24 x 26.96 inches
peso	92kg (202 lbs)/shipping weight from factory: 110kg (242 lbs)
Accesorios estándar	Power cord, wireless/XLR wired rugged remote control
Certificaciones	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55032 Class A, RoHS
Garantía	3 years

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Las especificaciones técnicas pueden estar sujetas a cambios sin previo aviso. Consulte www.barco.com para obtener la información más actual.