

UDX-4K40

36,500 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 36,500 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 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.

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ**UDX-4K40**

Тип проектора	4K UHD 3-chip DLP digital projector
Технология	0.9 DMD™ x3
Разрешение	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native)
Яркость	37,500 (WQ)/36,500 (4K UHD) center lumens // 36,500 (WQ)/35,500 (4K UHD) ansi lumen // 40,000 ISO
Уровень контрастности	2,000:1
Однородность яркости	95%
Форматное соотношение	16:10
ScenergiX	Horizontal and vertical edge blending
Объективы	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
Сдвиг оптической линзы	V: -100% to +130% / H: +/-40% on zoom lenses (memorized)
Коррекция цвета	P7
Источник света	laser phosphor with inorganic phosphor wheel
Срок эксплуатации ЖКИ	20,000 hrs
Оптический затемнитель	Digital
Картинка в картинке (PiP)	Two sources simultaneously
Ориентация	360°
Ядро Sealed DLP™	standard
DMX 512	standard
WARP	Direct adjust OSD + toolset
Обработка изображений	Embedded warp & blend
Коррекция трапецеидальных искажений	Yes
Встроенный веб-сервер	Yes
CLO (постоянная светоотдача)	Standard
3D	Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz*
Вводы	Single HDBaseT; HDMI 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink Ultra
Факультативные вводы	Quad DP1.2, Fiber SFP input
Разрешения входного сигнала	From NTSC up to 4K (4,096 x 2,160)

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ**UDX-4K40**

Максимальная частота обновления пикселей	600 MHz
Программные средства	Projector Toolset + Android** app + iOS** app
Контроль	XLR wired + IR, RS232, Wifi** (opt), GSM** (opt)
Соединение сети	10/100 base-T, RJ-45 connection, Wifi** (optional)
Требования к источнику питания	120-160 V (reduced power) / 200-240V (+/-10%), 20A, 50-60Hz
Максимальная потребляемая мощность	3750W
Уровень шума (номинал при 25 °C / 77 °F)	58dB(A)
Температура окружающей среды при эксплуатации	0-40°C / 32°-104°F (reduce power >35°C)
Влажность при эксплуатации	0-80% (non condens)
Расcеяние БТЕ	Max. 12,795 BTU/h
Габариты (WxLxH)	660 x 830 x 350 mm / 25.98 x 32.67 x 13.77 inches
Транспортировочные габариты	(WxLxH) 800 x 1,200 x 685 mm / 31.49 x 47.24 x 26.96 inches
Вес	92kg (202 lbs)/shipping weight from factory: 110kg (242 lbs)
Стандартные аксессуары	Power cord, wireless/XLR wired rugged remote control
Сертификаты	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55032 Class A, Rohs
Гарантия	3 years

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