HDX-W12

WUXGA, 12,000 lumens three-chip DLP projector

Barco's HDX-W12 combines active 3D with wireless control options in one unit. Its sturdy, compact design allows the HDX-W12 to be ready for the road in no time, while its 12,000 lumens light output and three-chip DLP color quality ensure crisp, vivid imagery on any screen.

Onto the big stage

Barco has refined and perfected 3D projection for three decades, and now brings this expertise to events. Successive hits in the events market with the SLM and FLM series have added considerably to the design of the HDX projector, while it also shares image processing and scaling technology with Barco's benchmark image processing hardware.

Connected to the future

The HDX's built-in color LCD screen lets you preview your image. It realigns itself according the projector's position, and provides you with all the information you need on its current status, alerts and maintenance notifications - even through text messages. Barco's HDX has a native 3G HDSDI/SDI input, which makes it compatible with future image and video transmission standards.

Simple setup and maintenance

Barco designed the HDX-W12 with efficiency and quick setup in mind. Its features just five building blocks that can be removed and replaced quickly, so that time spent servicing the projector is kept to a bare minimum. In addition, it can be easily boxed, shipped and fits into standard flight cases.

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Technical specifications

Projector type	WUXGA three-chip DLP digital projector
Technology	0.96" DMD x3
Resolution	1920x1200 (WUXGA)
Light Output	12,000 ANSI lumens 11,000 center lumens
Contrast	1,700:1 (standard) 2,400:1 (high contrast mode)
Brightness uniformity	90% (standard)
Aspect Ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lens type	TLD+
Lens range	TLD 0.73:1 ; 1.2:1 ; 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	Vertical: -10% to +110% Horizontal: -30% to +30% on zoom lenses (memorized)
Color correction	P7
Lamp	2.5kW xenon
Lamp lifetime (typical)	2,500 hours
Transport with lamp	Yes
Lamp house, quick replace	Yes
Customer bulb replace	Yes
Lamp warranty (field replace/ factory replace)	90 days, 500 hours / pro rata 1000 hours
Sealed DLP™ core	Standard
Optical dowser	Standard
Picture-in-picture	Up to two sources on-screen simultaneously
Orientation	table - ceiling - side (portrait) - vertical
DMX 512	Standard
WARP	Preset values + custom
integrated web server	Yes
CLO (constant light output)	Standard
3D ready (optional)	active, passive Infitec
Inputs	SDI/HDSDI/Dual HDSDI/3G
Optional Inputs	RGBHV on DVI-I
Input Resolutions	from NTSC up to QXGA (2,048x1,536)
Pixel clock	200MHz
Software tools	Projection Toolset
Control	- XLR wired, IR, RS-232, DMX512 in/out, integrated web browser, Projection Toolset - optional control over WiFi and GSM/mobile
Network connection	10/100 Mb/s Ethernet (on RJ45), WiFi
AC power	200-240 VAC/50-60 Hz
Power consumption	2,300 W STBY <8 W
Noise level (typical at 25°C/77°F)"	50 dB(A)
Operating temperature	0 ~ 40°C / 32 ~ 104°F
operation humidity no condens	0 - 80%
Dissipation BTU	max. 8,871 BTU/h
Dimensions (WxLxH)	475 x 382 x 725 mm (18.70" x 14.96" x 28.54")

Weight	50kg (110lbs)
Shipping Dimensions	(LxWxH) 900 x 650 x 560 mm (35,43" x 25,59" x 22,04")
Accessories	Power cord; wireless/XLR wired rugged remote control
Certifications	Compliant with UL1950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	2 years

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

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