

HDX-W12

12,000 lumens, WUXGA, 3-chip DLP projector



- **Advanced AthenaTM scaling technology**
- **Compact and sturdy design**
- **Active 3D, quick preview, and wireless control**

With the HDX series, Barco brings its expertise in 3D projection to events. The HDX-W12 combines active 3D with wireless control options in one unit. Barco's expertise in the events market with the FLM series has added considerably to the design of this projector, while it also shares image processing and AthenaTM scaling technology with Barco's benchmark image processing technology. 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 3-chip DLP color quality ensure crisp, vivid imagery on any screen.

Quick preview and wireless control

The HDX's built-in color LCD screen provides you with all the information you need on your projector's status and also allows you to preview your connected sources. The projector has a native 3G HDSDI/SDI input, which makes it compatible with progressive sources over a single BNC cable. Featuring wireless control, you can operate your HDX from your smart phone or tablet computer.

Simple setup and maintenance

Featuring just five building blocks, the HDX-W12 was designed with efficiency and quick setup in mind. In addition, it can easily be boxed, shipped and fits into standard flight cases. The HDX-W12 comes with a Xenon lamp that offers a 2,500 hours lifetime, making it an interesting option for both fixed installations and events.

Fast signal distribution

Our proprietary BarcoLink technology guarantees swift signal distribution between Barco's projectors and image processors. With BarcoLink, signals are distributed over a BNC coax cable, which is not only more durable but also enables you to lower your costs.

Barco's HDX series won an InAVation Award for Most InAVative Commercial projector.

Product specifications**HDX-W12****General specifications**

Projector type	WUXGA 3-chip DLP digital projector
Technology	0.96" DMD x3
Resolution	1,920 x 1,200 (WUXGA)
Light output	12,000 center lumens / 11,000 ANSI lumens*
Contrast	1,850:1 (standard) / 2,600:1 (high contrast mode)
Brightness uniformity	90% (standard)
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lens type	TLD+
Lens range	0.73:1 ; 1.2:1 ; 0.8-1.16 ; 1.16-1.5:1 ; 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: -30% to +120% / Horizontal: -40% to +40% 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 750 hours
Sealed DLP™ core	Standard
Optical dowser	Standard
Picture-in-picture	Up to two sources on-screen simultaneously
Orientation	table -ceiling -side (portrait)* -vertical * lamp door down/bottom
DMX 512	Standard
WARP	direct adjust OSD + toolset
Image processing	Embedded wrap & blend engine
Keystone correction	Yes
Integrated web server	Yes
CLO (constant light output)	Standard
3D	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200 Hz
Inputs	DVI -I (HDCP including analog RGB YUV), SDI/HDSDI/dual HDSDI/3G/Barco Link
Optional Inputs	5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); DVI -I (HDCP including analog RGB YUV) + BarcoLink/SDI/HDSDI/dual HDSDI/3G; 3D active input (HDMI/ DisplayPort) feat. SENSIO 3D
Input resolutions	from NTSC up to QXGA (2,048x1,536)
Pixel clock	200MHz
Software tools	Projection Toolset + Android app
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
Noise level (typical at 25°C/77°F)	49 dB(A)
Operating temperature	0 ~ 40°C / 32 ~ 104°F
operation humidity no condens	0 -80%
Dissipation BTU	max. 7,848 BTU/h
Dimensions (WxLxH)	475 x 725 x 382 mm (18.70" x 28.54" x 15.03")
Weight	50kg (110lbs)
Shipping Dimensions	(LxWxH) 900 x 650 x 560 mm (35.43" x 25.59" x 22.04")
Standard accessories	Power cord; wireless/XLR wired rugged remote control
Certifications	Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	3 years standard, extendable up to 5 years
*	+/-10%

Last updated: 09 Jul 2024

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