

# HDX-W12

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



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 Athena™ 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.

**BARCO**

Visibly yours

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## 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.**



<b>Product specifications</b>	<b>HDX-W12</b>
<b>Projector type</b>	WUXGA 3-chip DLP digital projector
<b>Technology</b>	0.96" DMD x3
<b>Resolution</b>	1,920 x 1,200 (WUXGA)
<b>Light output</b>	12,000 center lumens / 11,000 ANSI lumens*
<b>Contrast</b>	1,850:1 (standard) / 2,600:1 (high contrast mode)
<b>Brightness uniformity</b>	90% (standard)
<b>Aspect ratio</b>	16:10
<b>ScenergiX</b>	Horizontal and vertical edge blending
<b>Lens type</b>	TLD+
<b>Lens range</b>	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
<b>Optical lens shift</b>	Vertical: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized)
<b>Color correction</b>	P7
<b>Lamp</b>	2.5kW xenon
<b>Lamp lifetime (typical)</b>	2,500 hours
<b>Transport with lamp</b>	Yes
<b>Lamp house, quick replace</b>	Yes
<b>Customer bulb replace</b>	Yes
<b>Lamp warranty (field replace/ factory replace)</b>	90 days, 500 hours / pro rata 750 hours
<b>Sealed DLP™ core</b>	Standard
<b>Optical dowser</b>	Standard
<b>Picture-in-picture</b>	Up to two sources on-screen simultaneously
<b>Orientation</b>	table - ceiling - side (portrait)* - vertical * lamp door down/bottom
<b>DMX 512</b>	Standard
<b>WARP</b>	direct adjust OSD + toolset
<b>Integrated web server</b>	Yes
<b>CLO (constant light output)</b>	Standard
<b>3D</b>	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200 Hz
<b>Inputs</b>	DVI - I (HDCP including analog RGB YUV), SDI/HDSDI/dual HDSDI/3G/Barco Link
<b>Optional Inputs</b>	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
<b>Input resolutions</b>	from NTSC up to QXGA (2,048x1,536)
<b>Pixel clock</b>	200MHz
<b>Software tools</b>	Projection Toolset + Android app
<b>Control</b>	- XLR wired, IR, RS-232, DMX512 in/out, integrated web browser, Projection Toolset - optional control over WiFi and GSM/mobile
<b>Network connection</b>	10/100 Mb/s Ethernet (on RJ45), WiFi
<b>AC power</b>	200-240 VAC/50-60 Hz
<b>Power consumption</b>	2,300 W / STBY
<b>Noise level (typical at 25°C/77°F)</b>	49 dB(A)
<b>Operating temperature</b>	0 ~ 40°C / 32 ~ 104°F
<b>operation humidity no condens</b>	0 - 80%
<b>Dissipation BTU</b>	max. 7,848 BTU/h
<b>Dimensions (WxLxH)</b>	475 x 725 x 382 mm (18.70" x 28.54" x 15.03")

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

<b>Weight</b>	50kg (110lbs)
<b>Shipping Dimensions</b>	(LxWxH) 900 x 650 x 560 mm (35.43" x 25.59" x 22.04")
<b>Standard accessories</b>	Power cord; wireless/XLR wired rugged remote control
<b>Certifications</b>	Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
<b>Warranty</b>	3 years standard, extendable up to 5 years
*	+/- 10%

Last updated: 08 Apr 2016  
Technical specifications are subject to change without prior notice.  
Please check [www.barco.com](http://www.barco.com) for the latest information.