

# HDX-W14

14,000 lumens, WUXGA, 3-chip DLP projector



- **Advanced Athena™ 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-W14 combines active 3D and both wired and wireless control options in one unit. The success of the FLM event projectors have added considerably to the design of the HDX projector, while it also shares image processing and Athena™ scaling technology with Barco's benchmark image processing hardware. Its sturdy, compact design allows the HDX-W14 to be ready for the road in no time, while its 14,000 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 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. In addition, it offers quick and wireless control via smart phones and tablet computers.

#### **Simple setup and maintenance**

Barco designed the HDX-W14 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 easily be boxed, shipped and fits into standard flight cases.

#### **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-W14**

Projector type	WUXGA 3-chip DLP digital projector
Technology	0.96" DMD x3
Resolution	1,920 x 1,200 (WUXGA)
Light output	13,000 ANSI lumens / 14,000 center 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)	1,750 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 warp & blend engine
Keystone correction	Yes
Integrated web server	Yes
CLO (constant light output)	Standard

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<b>3D</b>	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
<b>Inputs</b>	DVI -I (HDCP including analog RGB YUV), SDI/HDSDI/dual HDSDI/3G/BarcoLink
<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 input(HDMI/DisplayPort) feat. SENSIO 3D
<b>Input resolutions</b>	from NTSC up to QXGA (2,048 x 1,536)
<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>	2,600 W / STBY
<b>Noise level (typical at 25°C/77°F)</b>	50 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. 8,871 BTU/h
<b>Dimensions (WxLxH)</b>	475 x 725 x 382 mm (18.7" x 28.54" x 14.96")
<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
<b>*</b>	+/-10%

Last updated: 24 Feb 2021

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