HDX-W18

18,000 lumens, WUXGA, 3-chip DLP projector

ATHENA SCALING

COMPACT

RUGGED

BARCOLINK

3D READY

WARPING

3-CHIP DLP™

18K LUMENS

1920 x1200 WUXGA

- **Flexible brightness through light-on-demand option**

- **Compact and sturdy design**

- **Active 3D, quick preview, and wireless control**

Barco's compact and powerful HDX-W18 projector combines full source flexibility with ImagePRO scaling capabilities. Thanks to its Xenon illumination and high contrast optical engine this 3-chip DLP projector reproduces rich colors, presenting audiences with crisp and vivid images on every occasion. What's more, the simple user interface allows you to set up the projector in no time. Finally, the HDX-W18 offers easy control through smartphones and tablet computers.

Quick preview
The HDX-W18'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.

3G-compatibility
The HDX-W18 has a native 3G HDSDI/SDI input, which makes it compatible with progressive sources over a single BNC cable. This also means that the HDX-W18 allows for digital inputs that don't come through fragile DVI fiber cables.

Wireless control
Barco's HDX platform is designed for wireless control. Whether from one central PC or with a smartphone or tablet computer, you remain connected to the HDX at all times.

Only five building blocks
Designed with efficiency and quick setup in mind, the HDX-W18 features just five building blocks that can be removed and replaced quickly. Thanks to its compact design, the HDX-W18 can easily be boxed, shipped and fits into standard flight cases.

Fast signal distribution

BARCO

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.

Choose your brightness with HDX Flex

The HDX-W18 projector is also available with light-on-demand option. Thanks to this technology, you can fully tune the light output of the projector to your event: it can be programmed to a light output of 10,000 lumens up to 20,000 lumens in 2,000 incremental steps. In this way, rental companies have more flexibility to offer their customers the light output they want.

Barco's HDX series won an InAVation Award for Most InAVative Commercial Projector.
At InfoComm 2012, the HDX-W18 won a Commercial Integrator BEST Award for Best large-venue projector.

PRODUCT SPECIFICATIONS	HDX-W18
Projector type	WUXGA 3-Chip DLP digital projector
Technology	0.96" DMD x 3
Resolution	1,920 x 1,200 (WUXGA)
Light output	18,000 Center lumens / 16,500 ANSI lumens*
Contrast ratio	1,850:1 (standard) - 2,600:1 (high contrast mode)
Brightness uniformity	90%
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
Lamps	2.5 kW Xenon
Lamp lifetime (typical)	1,000 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	Two sources simultaneously
Orientation	table - ceiling - side (portrait)* - vertical * lamp door down/bottom
DMX 512	Standard
WARP	direct adjust OSD + toolset
Integrated web server	Yes
CLO (constant light output)	standard
3D	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
Inputs	DVI- I (HDCP including analog RGB YUV) SDI/HDSDI/dual HDSDI/3G/BarcoLink
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 (2,048 x 1,536)
Max. pixel clock	200 Mhz
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 V / 50-60 Hz
Power consumption	2,850 W / STBY
Noise level (typical at 25°C/77°F)	53 dB (A)

PRODUCT SPECIFICATIONS	HDX-W18
Operating temperature	0 ~ 40°C / 32 ~ 104°F
operation humidity no condens	0% - 80%
Dissipation BTU	Max. 9725 BTU/h
Dimensions (WxLxH)	475 x 725 x 382 mm (18.70" x 28.54" x 14.96")
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%