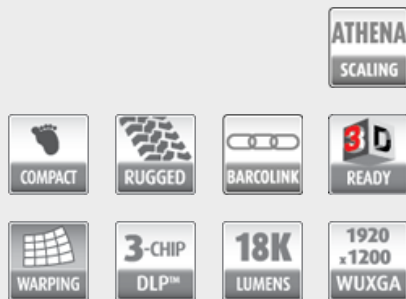


# HDX-W18

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



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.

**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.

## 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**

<b>Projector type</b>	WUXGA 3-Chip DLP digital projector
<b>Technology</b>	0.96" DMD x 3
<b>Resolution</b>	1,920 x 1,200 (WUXGA)
<b>Light output</b>	18,000 Center lumens / 16,500 ANSI lumens*
<b>Contrast ratio</b>	1,850:1 (standard) - 2,600:1 (high contrast mode)
<b>Brightness uniformity</b>	90%
<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 ; 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
<b>Optical lens shift</b>	Vertical: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized)
<b>Color correction</b>	P7
<b>Lamps</b>	2.5 kW Xenon
<b>Lamp lifetime (typical)</b>	1,000 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 dowsers</b>	Standard
<b>Picture-in-picture</b>	Two sources 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 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 (HDMI/ DisplayPort) feat. SENSIO 3D
<b>Input resolutions</b>	From NTSC up to QXGA (2,048 x 1,536)
<b>Max. pixel clock</b>	200 Mhz
<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 V / 50-60 Hz
<b>Power consumption</b>	2,850 W / STBY
<b>Noise level (typical at 25°C/77°F)</b>	53 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. 9725 BTU/h
<b>Dimensions (WxLxH)</b>	475 x 725 x 382 mm (18.70" x 28.54" x 14.96")

**Product specifications****HDX-W18**

<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%