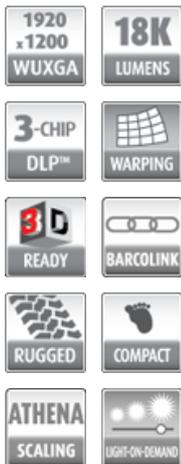


HDX-W18

18,000 lumens, WUXGA 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 connected sources, status, power, temperatures and lamp runtime. The LCD screen also allows you to preview your connected sources.

3G-compatibility

The HDX-W18 has a native 3G HDS/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

Barco designed the HDX-W18 with efficiency and quick setup in mind. It 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.

25% more compact

Thanks to its compact and functional design, the HDX-W18 never takes up more space than strictly necessary. In addition, it can be easily boxed, shipped and fits into standard flight cases.

Fast signal distribution

Our proprietary BarcoLink technology guarantees swift signal distribution between Barco's

BARCO

Visibly yours

Technical specifications

Projector type	WUXGA 3-Chip DLP digital projector
Technology	0.96" DMD x 3
Resolution	1920*1200
Light Output	18,000 Center lumens 16,500 ANSI lumens
Contrast ratio	1850:1 (standard) - High contrast mode 2400:1
Brightness uniformity	90%
Aspect Ratio	16:10
ScenergiX	horizontal and vertical edge blending
Lens type	TLD +
Lens range	TLD 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
Optical lens shift	Vertical: -10% to + 110%Horizontal: +/-30% 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
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 (2048 x 1536)
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	2850 W STBY

Noise level (typical at 25°C/77°F)"	53 dB (A)
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	2 years standard, extendable up to 5 years