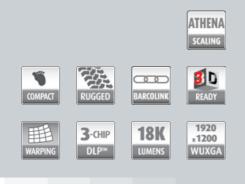
HDX-W18 18,000 lumens, WUXGA, 3-chip DLP projector



- 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





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.

Projector type WUXCA 3 Chip DLP orgital projector Technology 0.96° DVD x 3 Resolution 1.00 x 12.00 WUXCA1 Light output 1.80.00 Center Limers / 16.500 ANSI lumens* Contrast ratio 1.851.1 (standard) - 2.600.1 (high contrast mode) Brightness uniformity 90% Aspect ratio 1.513 SecenergiX nonzontal and vertical edge blending Lens type 11.0 + Lens type 10.0 + Oxer Color correction 77 Lump Kinter (bytical) 1.000 hours Lamp Interim (bytical) 1.000 hours Lamp Kinter (bytical) 0.00 ays, 500 hours/pro rata 750 hours Seaded DLP**core Sandard Distal dowser Sandard Lamp hours, duck replace Yes Lamp avanty (dist replace/ factory replace <th>PRODUCT SPECIFICATIONS</th> <th>HDX-W18</th>	PRODUCT SPECIFICATIONS	HDX-W18
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Lens type TLD + Lens range D.731; 1.21; D.B.116; 1.16.151; 1.5-2.01; 2.0-2.81; 2.8.4.51; 4.5-7.51; 7.5-11.51 Optical lens shift Vertical: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized) Color correction P7 Lamps 2.5 kW Xenon Lamp lettime (typical) 1.000 hours Transport with lamp Yes Lamp house, quick replace Yes Lamp warranty (field replace/ factory replace) 90 days, 500 hours/pro rata 750 hours Optical dowser Standard Optical dowser Standard DMX S12 Standard WARP direct adjust OSD + toolset Integrated web server Yes CLO (constant light output) standard SD active eyecanichy/SD/HOSO/Adau HDSD/MSG/ASO output SD active eyecanichy/SD/HOSO/	Aspect ratio	16:10
Lens range 0.731;121:08-116;116-151:15-201;20-281;28-451;45-751;75-1151 Optical lens shift Vertical:-30% to +120% / Horizontal:-40% to +40% on zoom lenses (memorized) Color correction P7 Lamps 25 KW Xenon Lamp litelime (typical) 1.000 hours Transport with lamp Yes Lamp louse, quick replace Yes Lamp waranty (field replace/ factory replace) 90 days, 500 hours/pro rata 750 hours Sealed DLPM core Standard Optical dowser Standard Optical dowser Standard Optical dowser Standard MARP disel - celling - side (portrail)* - vertical + 1 amp door down/bottom DMX S12 Standard WARP direct adjust OSD + toobet Integrated web server Yes CLO (constant light output) standard SD active eyewear (optional), passive inflec (optional), passive circular (optional), triple flash up to 200Hz Inputs DVI-1 (HDCP including analog RGB YUV) SDI/HDSDI/Aua HDSDI/3G/BaccoLink Optional inputs Fear (REFINCEA, YUX CSSOV, Composite video, S-Video), DVI - 1 (HDCP including analog RGB YUV) SDI/HDSDI/Aua HDSDI/3G/BaccoLink <th>ScenergiX</th> <th>horizontal and vertical edge blending</th>	ScenergiX	horizontal and vertical edge blending
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 nours Transport with lamp Yes Lamp house, quick replace Yes Lamp warranty (field replace/ factory replace) 90 days, 500 hours/pro rata 750 hours Sealed DLPM core Standard Optical dowser Standard Picture-in-picture Two sources simultaneously Orientation table - ceiling - side (portral)* - vertical * lamp door down/bottom MX \$12 Standard WARP direct adjust OSD + toolset Integrated web server Yes CLO (constant light output) standard JD active eyewear (optional), passive infrite (optional), passive circular (optional), triple flash up to 200Hz Inputs DVI-1 (HDCP including analog RG8 YUV) Software tools From NTSC: up to CXGA (2,048 x 1,550) Max, pixel clock 200 Mhz Software tools Projection Toolset + Android app Control - XLR wired, IR, R5-232, DMX512 in/out, inegrated web p	Lens type	TLD +
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Lamps 2.5 kW Xenon Lamp lifetime (typical) 1.000 hours Transport with lamp Yes Lamp house, quick replace Yes Customer bulb replace/ factory replace) 90 days, 500 hours/pro rata 750 hours Sealed DLPP* core Standard Optical dowser Standard Picture-in-picture Two sources simultaneously Orientation table - ceiling - side (portrait)* - vertical ** amp 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 inflite: (optional), passive circular (optional), triple flash up to 200Hzz Splital dows Split (HDSD)//GRAB, YUV CS/SOY, Composite video, S-Video), DVI - I (HDCP including analog RGB YUV) * BarcoLink/SDI/HDSDI/dual HDSD/SG; 3D active input (HDMI/ DisplayPort) feat. SENSIO 3D Optional Inputs S-BNC RGBHV (RGBS/RGAB, YUV CS/SOY, Composite video, S-Video), DVI - I (HDCP including analog RGB YUV) * BarcoLink/SDI/HDSDI/dual HDSDI/SG; 3D active input (HDMI/ DisplayPort) feat. SENSIO 3D Input resolutions From NTSC up to QXGA (2.048 x 1.536) Max. pixel clock 200 Minz Software tools Projection Toolset + Android app Control - XLR wired, IR, R5-232, DMXS12 in/out, integrated web browser, Projection Toolset - optional and Q	Optical lens shift	Vertical: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized)
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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- 1 (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 - 1 (HDCP including analog RGB YUV) + BarcoLink/SDI/HDSDI/Jaal 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	DMX 512	Standard
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	WARP	direct adjust OSD + toolset
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SDI/HDSDI/dual HDSDI/3G/BarcoLink Optional Inputs 5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite 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	3D	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
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Max. pixel clock200 MhzSoftware toolsProjection Toolset + Android appControl- XLR wired, IR, RS-232, DMX512 in/out, integrated web browser, Projection Toolset - optional control over WiFi and GSM/mobileNetwork connection10/100 Mb/s Ethernet (on RJ45), WiFiAC power200-240 V / 50-60 HzPower consumption2,850 W / STBY	Optional Inputs	RGB YUV) + BarcoLink/SDI/HDSDI/dual HDSDI/3G; 3D active input (HDMI/ DisplayPort) feat. SENSIO
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	Input resolutions	From NTSC up to QXGA (2,048 x 1,536)
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	Max. pixel clock	200 Mhz
- 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	Software tools	Projection Toolset + Android app
AC power 200-240 V / 50-60 Hz Power consumption 2,850 W / STBY	Control	
Power consumption 2,850 W / STBY	Network connection	10/100 Mb/s Ethernet (on RJ45), WiFi
·	AC power	200-240 V / 50-60 Hz
Noise level (typical at 25°C/77°F) 53 dB (A)	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%

Last updated: 20 Feb 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.

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