

# 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 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

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.

**TECHNISCHE SPECIFICATIES****HDX-W18**

Type projector	WUXGA 3-Chip DLP digital projector
Technologie	0.96" DMD x 3
Resolutie	1,920 x 1,200 (WUXGA)
Lichtuitvoer	18,000 Center lumens / 16,500 ANSI lumens*
Contrastverhouding	1,850:1 (standard) -2,600:1 (high contrast mode)
Helderheidsuniformiteit	90%
Beeldverhouding	16:10
ScenergiX	horizontal and vertical edge blending
Type lens	TLD +
Lensbereik	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
Optische lensverschuiving	Vertical: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized)
Kleurcorrectie	P7
Lampen	2.5 kW Xenon
Levensduur lamp (standaard)	1,000 hours
Transport met lamp	Yes
Lampbehuizing, snelle vervanging	Yes
Lampvervanging door klant	Yes
Lampgarantie (vervanging op locatie/in de fabriek)	90 days, 500 hours/pro rata 750 hours
Verzegelde DLP™-kern	Standard
Optische dowser	Standard
Picture-in-Picture	Two sources simultaneously
Oriëntatie	table -ceiling -side (portrait)* -vertical * lamp door down/bottom
DMX 512	Standard
WARP	direct adjust OSD + toolset
Beeldverwerking	Embedded blend & warp engine
Trapeziumcorrectie	Yes
Geïntegreerde webserver	Yes
CLU (constante lichtuitvoer)	standard

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<b>3D</b>	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
<b>Ingangen</b>	DVI-I (HDCP including analog RGB YUV) SDI/HDSDI/dual HDSDI/3G/BarcoLink
<b>Optionele ingangen</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>Invoeresoluties</b>	From NTSC up to QXGA (2,048 x 1,536)
<b>Max. pixelklok</b>	200 Mhz
<b>Softwaretools</b>	Projection Toolset + Android app
<b>Controle</b>	-XLR wired, IR, RS-232, DMX512 in/out, integrated web browser, Projection Toolset -optional control over WiFi and GSM/mobile
<b>Netwerkverbinding</b>	10/100 Mb/s Ethernet (on RJ45), WiFi
<b>Wisselstroom</b>	200-240 V / 50-60 Hz
<b>Energieverbruik</b>	2,850 W / STBY
<b>Geluidsniveau (standaard bij 25°C/77°F)</b>	53 dB (A)
<b>Bedrijfstemperatuur</b>	0 ~ 40°C / 32 ~ 104°F
<b>operationele vochtigheid geen condens</b>	0% -80%
<b>Dissipatie BTU</b>	Max. 9725 BTU/h
<b>Afmetingen (B x L x H)</b>	475 x 725 x 382 mm (18.70" x 28.54" x 14.96")
<b>Gewicht</b>	50kg (110lbs)
<b>Verzendingsafmetingen</b>	(LxWxH) 900 x 650 x 560 mm (35.43" x 25.59" x 22.04")
<b>Standaardaccessoires</b>	Power cord; wireless/XLR wired rugged remote control
<b>Certificeringen</b>	Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
<b>Garantie</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.