

HDX series

The smartest projectors on the road



At a glance:

- WUXGA (1,920 x 1,200) resolution
- 12K or 14K lumens
- Three-chip DLP technology
- Preview mode on LCD display
- Active 3D
- Ruggedized
- Easy serviceable

Projection of the future is here today. Barco's HDX projector is the world's first events projector to combine active 3D and both wired and wireless control options in one unit. In addition, it offers quick control through smartphones and tablet computers. Its sturdy, compact design allows the HDX projectors to be ready for the road in no time, while their bright light output and three-chip DLP color quality ensure crisp, vivid imagery on any screen.

BARCO

Visibly yours

Designed for leadership

The HDX projector is the product of Barco's extensive experience in a number of markets.

From the theater onto the big stage

3D has revolutionized and is still rocking cinemas worldwide. As a global leader in that sector, Barco has refined and perfected 3D projection for three decades, and now brings this expertise to events.

Experiences in events

Successive hits in the events market with the SLM and FLM series have added considerably to the design of the HDX projector. Barco conceived each part of the unit with the best possible event in mind.

Automatic image processing

The HDX shares image processing and scaling technology with Barco's benchmark image processing hardware. This results in a quick adaptation to any screen size, and allows you to harmonize your content along specific resolutions.



Stay connected

Barco's HDX is compatible with a host of control options. It can be controlled over the network, or even with the latest generation of tablet computers, so you can work with the projector how you see fit.

Quick preview

The HDX's built-in color LCD screen lets you preview your image. It realigns itself according to the projector's position, and provides you with all the information you need on its current status, alerts and maintenance notifications. The HDX's LCD panel allows you to measure lamp runtime, too.

3G-compatibility

The HDX has a native 3G HDS/SDI input, which makes it compatible with future image and video transmission standards. It also means that the HDX allows for digital inputs that don't come through high-risk DVI fiber cables.

Wireless control

Barco's HDX platform is designed for wireless control. Whether from one central location or with a smartphone or tablet computer, you remain connected to the HDX at all times. It even proactively sends you text messages to keep you updated.



Simple setup and maintenance

The key to a projector's successful performance is already apparent in its design. For example, the HDX-W12 is the world's first projector to come with a xenon lamp that offers a 2,000 hour lifetime, making it an interesting option for fixed installations as well as events.

Only five building blocks

Barco designed the HDX with efficiency and quick setup in mind. Its 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. You can even do this on the spot..

25% more compact than similar projectors

The HDX's compact, functional design never takes up more space than strictly necessary. In addition, it can be easily boxed, shipped and fits into standard flight cases.

Up to 30% less power consumption

When you switch the HDX into pause mode, its power consumption immediately drops to a level that is 30% less than projectors with a similar light output. Even when it's fully active, the HDX still consumes 15% less energy than competing solutions.

Trust in what you use and know

Progress in design means not just innovation, but also keeping the proven advantages of earlier solutions.

Re-use your lenses

If you already own a Barco SLM or FLM series projector, you can simply re-use or interchange these lenses to click them into the HDX projector. This saves you from making unnecessary expenses and increases the efficiency of your lenses.

Familiar interface

Not only are the lenses interchangeable, the HDX also features the same easy, interface of its cousins, so you don't need to learn any new interfaces. Of course, the HDX is also compatible with Barco's free Projector Toolset software.

Who else is coming to your event?

Barco's HDX projectors are not the only Barco projectors. We offer a comprehensive range of high-resolution projectors designed to turn any event or venue into a must-see experience.

- **CLM range:** Bright, compact projection for the most attractive price
- **RLM range:** Three-chip DLP quality for the price of single-chip DLP
- **FLM range:** The benchmark of high-brightness three-chip DLP projection
- **XLM range:** The brightest event projectors around, topping at 30,000 lumens

HDX series technical specifications

	HDX-W14	HDX-W12
Light output (typical)	13,000 ANSI lumens 14,000 center lumens	11,000 ANSI lumens 12,000 center lumens
Contrast ratio	1,700:1 (standard) - High contrast mode: 2,400:1	
Resolution (native)	1,920 x 1,200 pixels	
Display technology	3 x DLP 0.96" DMD	
Lamp power	2.5 kW Xenon	
Lamp life (typical)	1,750 Hrs	2,500 Hrs
Brightness uniformity (standard)	90%	
Inputs	Standard	DVI-I (HDCP, incl. analog RGB/YUV) SDI/HDSDI/dual HDSDI/3G
	Optional	5-BNC RGBHV (RGBS, RGSB, YUV, S-Video, Comp. video); DVI-I; SDI/HDSDI/dual HDSDI/3G Optional RGBHV on DVI-I
Input resolution	From NTSC up to QXGA (2,048 x 1,536)	
Picture-in-picture	2 sources simultaneously	
Pixel clock	200 MHz max.	
3D (optional)	active, passive Infitec	
Warping	direct adjust (presets and custom)	optional
Optical dowser	standard	
Network	10/100 Mb/s Ethernet (on RJ45), WiFi	
Control	XLR wired, IR, RS-232, DMX512 in/out, integrated web browser, Projection Toolset optional control over WiFi and GSM/mobile	
Available zoom lenses	TLD (1.25 ~ 1.6:1)	TLD (2.8 ~ 4.5:1)
	TLD (1.5 ~ 2:1)	TLD (4.5 ~ 7.5:1)
	TLD (2.0 ~ 2.8:1)	TLD (7.5 ~ 11.5:1)
Available fixed focal lenses	TLD (0.73:1)	
	TLD (1.2:1)	
Lens shift (max)	Hor: ±30% - Vert: -10%+110% (on zoom lenses memorized)	
Orientation	table - ceiling - side (portrait)* - vertical	
AC power	208 - 240 VAC/50-60 Hz	
Power consumption	2,600 W	2,200 W
Dissipation BTU	max. 9,383 BTU/h	
Operating temperature	0 ~ 40°C / 32 ~ 104°F	
Operating humidity (no condensation)	0 ~ 80%	
Noise level (typ.) @ 25°C/77°F	50 dB(A)	
Weight	50 kg (110 lbs)	
Dimensions (H x W x L)	382 x 725 x 475 mm (15.03" x 28.54" x 18.70")	
Order number HDX-W14	R9013000	R9014000



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DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this brochure can be found on www.barco.com.

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