

HDX series

The smartest projectors on the road



At a glance:

- 12K, 14K or 18K lumens
- WUXGA (1,920 x 1,200) resolution
- ImagePRO technology inside
- Compact and modular design
- Preview mode on LCD display
- 3D compatible
- Future-proof performance
- Extended control options
- Up to 2,500 hours lamp life

With Barco's compact and powerful HDX projectors, the future is here today. The high brightness HDX family combines full source flexibility with ImagePRO scaling capabilities. Thanks to their Xenon illumination and their high contrast optical engine these three-chip DLP projectors reproduce 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 offers easy control through smartphones and tablet computers.

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 to the stage

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

Experience in events

Successive hits in the events market with the SLM and FLM series have contributed considerably to the design of the HDX projector. Barco conceived each part of the unit with the best possible event in mind. Thanks to the top or bottom frame the HDX can easily be handled and rigged.

Premium image processing

The HDX shares image processing and scaling technology with Barco's benchmark ImagePRO hardware. This results in a quick adaptation to any connected source. It also offers extreme scaling capabilities such as zoom in, zoom out and shift.



Stay connected

Barco's HDX is compatible with a host of flexible control options. As it has been designed for wireless control, you can even operate your projector via your smartphone or tablet computer.

Quick preview

The HDX'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 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 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.





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 2,500 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. 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.

Efficient power management

When you switch the HDX into pause mode, its power consumption immediately drops by 40%. Even when it's fully active, the HDX still consumes 15% less energy than competing solutions.

25% more compact

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

Trust in what you use and know

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

Reuse your lenses

If you already own a Barco SLM or FLM series projector, you can simply reuse or interchange these lenses and click them into the HDX projector. This saves you from making unnecessary expenses.

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?

Next to the HDX projectors, Barco offers 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:** The most affordable high-resolution three-chip DLP projector range
- **FLM range:** The benchmark of high-brightness three-chip DLP projection
- **XLM range:** The brightest event projectors around

HDX series technical specifications

| | HDX-W12 | HDX-W14 | HDX-W18 |
|--------------------------------------|--|--|--|
| Light output (typical) | 11,000 ANSI lumens 12,000 center lumens | 13,000 ANSI lumens 14,000 center lumens | 16,000 ANSI lumens 17,500 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) | 2,500 Hrs | 1,750 Hrs | 1,000 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.w | | |
| 3D (optional) | active*, passive Infitec | | |
| Warping | optional | direct adjust (presets and custom) | |
| 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 | | |
| 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 | 200 - 240 VAC/50-60 Hz | | |
| Power consumption | 2,200 W | 2,600 W | 2,850 W |
| Dissipation BTU | max. 7,848 BTU/h | max. 8,871 BTU/h | max. 9,725 BTU/h |
| Operating temperature | 0 ~ 40°C / 32 ~ 104°F | | |
| Operating humidity (no condensation) | 0 ~ 80% | | |
| Noise level (typ.) @ 25°C/77°F | 49 dB(A) | 50 dB(A) | 53 dB(A) |
| Weight | 50 kg (110 lbs) | | |
| Dimensions (H x W x L) | 382 x 475 x 725 mm (15.03" x 18.70" x 28.54") | | |
| Order numbers | R9014000 | R9013000 | R9012000 |

* available Q3 2012

Light output measured with TLD+ 2.0-2.8 lens



M00423-R03-0112-PB

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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