

# HDX series

Heavy-duty, high-brightness rental projectors



## At a glance:

- 11K, 12K, 13K, 14K, 18K, 19K, and 20K lumens models
- WUXGA resolution  
WQXGA resolution  
4K UHD resolution
- 'Light-on-demand' option from 10 to 20K lumens
- ImagePRO technology inside
- Compact and modular design
- 3D compatible
- Remote control via smartphone and tablet
- Up to 2,500 hours lamp life
- Signal distribution via BarcoLink

## Now with 4K resolution

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. The projectors with 4K resolution deliver smooth, sharp images with fine details. Finally, the HDX offers easy control through smartphones and tablet computers.

**BARCO**

Visibly yours

# Choose your brightness and resolution

One of the most striking features of Barco's HDX *FLEX* projectors is that they're available with flexible light output. The HDX-4K20 *FLEX* even offers flexible resolution. Thanks to these unique technologies, your HDX projector is everything you want it to be.

## Light-on-demand technology

Thanks to this technology, you can fully tune the light output of the HDX-W20 and HDX-4K20 *FLEX* projectors to your event: they can be programmed to a specific light output in incremental steps of 2,000 lumens.

## Adjustable brightness and resolution

To make the new HDX-4K20 *FLEX* projector even more versatile, the *FLEX* feature has been expanded to include flexible resolution, allowing customers to choose and lock in WUXGA, WQXGA or 4K UHD resolution.

## Full flexibility

Thanks to the flexible brightness and resolution, rental companies have the flexibility to tune the light output of their projector to the specific requirements of the event. When programmed to output lower light levels, the projector lamp will, of course, have a longer lifetime.



## 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.





# 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.

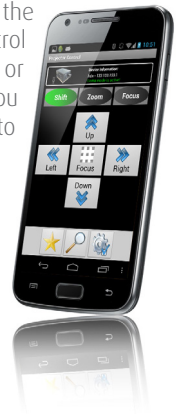
## 3G/BarcoLink compatibility

The HDX has a native 3G HDSDI/SDI input, which makes it compatible with progressive HD 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. What's more, the projectors also feature BarcoLink. This technology allows for

progressive WUXGA 50/59.94/60 Hz signal distribution over a single BNC coax cable.

## Wireless control

Barco's HDX platform is designed for wireless control. Whether from one central PC or via the Android projector control app for 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, that's why we developed the HDX with simple setup and maintenance in mind.

## 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.

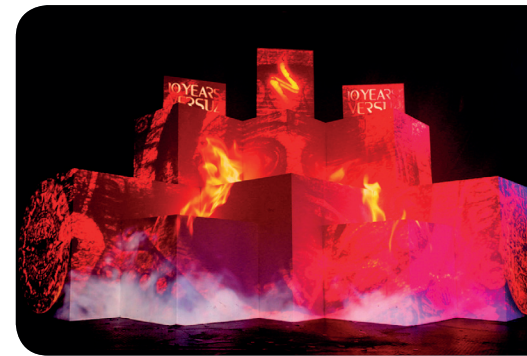
## 25% more compact

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. Did you know that the HDX-W20 *FLEX* is the smallest and lightest 20K lumens projector on the market?

## 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.



© Eric Boon





# Designed for leadership

The HDX projector is the result of Barco's extensive experience in the shows, corporate events, auditoriums, and theater markets.

## Flicker-free 3D images

As a global digital cinema leader, Barco has perfected 3D projection and brought this expertise to events. The SENSIO® 3D Decoder and SENSIO® Autodetect is integrated in the HDX's 3D card. Thanks to SENSIO's technology, the projectors display perfect 3D images and switch flawlessly between 2D and 3D. For fully flicker-free 3D images we've included dual and triple flash, resulting in a high-frame-rate DMD refresh.

## 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. And with the reworked warp user interface you can immediately see the warped image after correction. This allows for faster and more accurate adjustments even without a PC.

## 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.

- **F90 series:** rugged laser phosphor projectors offering up to 4K UHD resolution
- **RLM series:** Compact 3-chip DLP projectors
- **RLS-W12:** 12,000 lumens, WUXGA, 1-chip DLP projector
- **HDF series:** reliable, high-brightness projectors
- **HDQ series:** the brightest projectors for rental and staging

## Seven models to choose from



### HDX-4K12

11,000 lumens

### HDX-W12

12,000 lumens

### HDX-4K14

13,000 lumens

### HDX-W14

14,000 lumens

### HDX-W18

18,000 lumens

### HDX-4K20 FLEX

19,000 lumens

### HDX-W20 FLEX

20,000 lumens



M00423-R10-0216-PB February 2016

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](http://www.barco.com).

Barco nv  
President Kennedypark 35, 8500 Kortrijk - Belgium  
Tel. +32 56 36 89 70 - Fax +32 56 36 83 86  
email: [sales.events@barco.com](mailto:sales.events@barco.com)

**BARCO**

[www.barco.com](http://www.barco.com)

Visibly yours