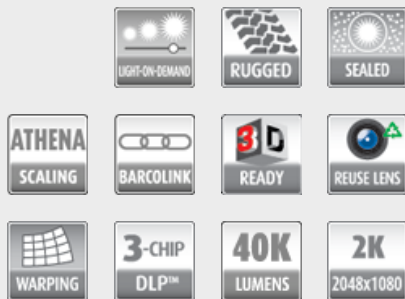


# HDQ-2K40

40,000 lumens, 2K, 3-chip DLP projector



The world's brightest projector for rental and staging, Barco's HDQ-2K40 ensures razor-sharp, ultra-bright images, guaranteeing an unequalled event experience on every occasion. Thanks to its 40,000 lumens light output and 2K resolution, the HDQ-2K40 displays stunning images with rich vibrant colors time after time. What's more, the HDQ is also equipped with Barco's high-end ImagePRO technology with Athena scaler for flexible scaling.

## Wireless control and preview mode

The HDQ-2K40's built-in color LCD screen provides all the information you need on your projector's status, and allows you to preview your connected sources. In addition, you can easily control your HDQ-2K40 via your smart phone or tablet computer.

## Designed for rental and staging

Building on Barco's experience in the rental and staging market, the HDQ has been designed with the road in mind. Its modular design makes the HDQ simple to install and service. Equipped with a solid and adjustable frame, the projector can easily be stacked and rigged as well.

## 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.

**BARCO**

Visibly yours

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40,000 lumens, 2K, 3-chip DLP projector



## Choose your brightness with HDQ Flex

The HDQ-2K40 projector is also available with a 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 26,000 lumens up to 40,000 lumens in 2,000 incremental steps. In this way, rental companies have more flexibility to offer their customers the light output they want.

**Our HDQ-2K40 has been awarded as projector of the year by Live Design.**



**Product specifications****HDQ-2K40**

<b>Projector type</b>	2K 3-chip DLP digital projector
<b>Technology</b>	1.2" DMD™ x3
<b>Resolution</b>	2,048 x 1,080
<b>Brightness</b>	40,000 center lumens / 37,000 ANSI lumens*
<b>Contrast ratio</b>	2,000:1 (standard)
<b>Brightness uniformity</b>	90%
<b>Aspect ratio</b>	2,048 : 1,080
<b>ScenergiX</b>	Horizontal and vertical edge blending
<b>Lens type</b>	XLD, 4K lenses
<b>Lenses</b>	1:1; 1.45-1.8:1; 1.8-2.4:1; 2.2-3.0:1; 2.8-5.5; 5.5-8.5-1
<b>Optical lens shift</b>	Vertical: -100% to + 110% / Horizontal: +/-30% (on zoom lenses memorised)
<b>Color correction</b>	P7
<b>Lamps</b>	7 kW xenon
<b>Lamp lifetime</b>	500 Hrs
<b>Transport with lamp</b>	No
<b>Lamp house, quick replace</b>	Yes
<b>Customer bulb replace</b>	Yes
<b>Lamp warranty (field replace/ factory replace)</b>	90 days, 300 hours / pro rata 300 hours
<b>Sealed DLP™ core</b>	Standard
<b>Optical dowser</b>	Standard
<b>Picture-in-picture</b>	Two sources simultaneously
<b>Orientation</b>	table - side (portrait)* * lamp door down/bottom
<b>Others</b>	can be controlled by DMX 512 console, warping
<b>DMX 512</b>	standard
<b>WARP</b>	direct adjust OSD + toolset
<b>Integrated web server</b>	yes
<b>CLO (constant light output)</b>	Standard
<b>3D</b>	Active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 144 Hz
<b>Inputs</b>	DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink
<b>Optional Inputs</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>Input resolutions</b>	From NTSC up to QXGA (2,048 x 1,536)
<b>Max. pixel clock</b>	200 MHz
<b>Software tools</b>	Projector Toolset + Android app
<b>Control</b>	XLR wired + IR, RS232, Wifi, GSM (opt)
<b>Network connection</b>	10/100 base-T, RJ-45 connection, Wifi (optional)
<b>Power requirements</b>	200-240V /380-400V@50-60Hz
<b>Max. power consumption</b>	8,000W
<b>Noise level (typical at 25°C/77°F)</b>	61 dB(A)
<b>Operational ambient temperature</b>	0-35°C / 32°-104°F
<b>Operational humidity</b>	0-80% (non condens)
<b>Dissipation BTU</b>	Max. 27,331 BTU/h
<b>Dimensions (WxLxH)</b>	1,025 x 1,320 x 900mm / 40.35 x 51.96 x 35.43 inches
<b>Weight</b>	210kg (462.97lbs)

**Product specifications****HDQ-2K40**

<b>Shipping Dimensions</b>	(LxWxH) 1,522 x 1,242 x 1,215 mm / 59.92 x 48.90 x 47.83 inches
<b>Shipping Weight from Factory</b>	270kg (595.25lbs)
<b>Standard accessories</b>	wireless/XLR wired rugged remote control; adjustable frame/clamps
<b>Certifications</b>	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
<b>Warranty</b>	3 years standard, extendable up to 5 years
*	+/- 10%

Last updated: 07 aug 2015  
Technical specifications are subject to change without prior notice.  
Please check [www.barco.com](http://www.barco.com) for the latest information.



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