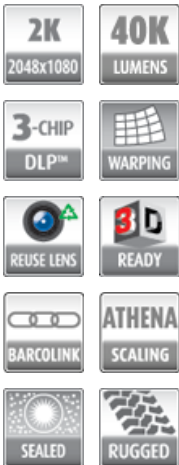


HDQ-2K40

40,000 lumens, 2K DLP projector



The world's brightest projector for the rental and staging industry, Barco's HDQ-2K40 ensures razor-sharp, ultra-bright images, guaranteeing an unequalled event experience on every occasion.

Superior image quality

Thanks to its 40,000 lumens light output and 2K resolution, the top-of-the-line HDQ-2K40 displays stunning images combined with ultimate brightness and rich vibrant colors time after time. The HDQ is also equipped with Barco's high-end ImagePRO technology with Athena scaler for flexible scaling.

Wireless control and preview model

The HDQ-2K40's built-in color LCD screen provides all the information you need on your projector's connected sources, status, power, temperatures and lamp run-time 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, adjustable and stackable frame, the projector can easily be rigged as well.

Choose your brightness

From December 2012 onwards, the HDQ-2K40 projector will also be available as a projector geared with light-on-demand technology. 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.

BARCO

Visibly yours

Technical specifications

Projector type	2K 3-chip DLP digital projector
Technology	1.2" DMD™ x3
Resolution	2048x1080
Brightness	40,000 center lumens 37,000 ANSI lumens
Contrast ratio	2,000:1 (standard)
Brightness uniformity	90%
Aspect Ratio	2048:1080
ScenergiX	Horizontal and vertical edge blending
Lens type	XLD
Lenses	XLD 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
Optical lens shift	Vertical: +/-110% Horizontal: +/-30% (on zoom lenses memorised)
Color correction	P7
Lamps	7 kW xenon
Lamp lifetime	500 Hrs
Transport with lamp	No
Lamp house, quick replace	Yes
Customer bulb replace	Yes
Lamp warranty (field replace/ factory replace)	90 days, 500 hours / pro rata 500 hours
Sealed DLP™ core	Standard
Optical dowser	Standard
Picture-in-picture	Two sources simultaneously
Orientation	table - side (portrait)
Others	can be controlled by DMX 512 console, warping
DMX 512	standard
WARP	Preset values + custom
integrated web server	yes
CLO (constant light output)	Standard
3D	Active eyewear (optional), passive Infitec (optional), passive circular (optional)
Inputs	DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink
Optional Inputs	5-BNC RGBHV (RGBS/RGSB, YUV CS/SOY, Composite video, S-Video); DVI-I (HDCP including analog RGB YUV) + SDI/HDSDI/Dual HDSDI/3G; 3D (HDMI/DisplayPort)
Input Resolutions	From NTSC up to QXGA (2048x1536)
max. pixel clock	200 MHz
Software tools	Projector Toolset
Control	XLR wired + IR, RS232, Wifi, GSM (opt)
Network connection	10/100 base-T, RJ-45 connection, Wifi (optional)
Power Requirements	200-240V /380-400V@50-60Hz
Max. power consumption	8,000W
Noise level (typical at 25°C/77°F)"	61 dB(A)
Operational ambient temperature	0-35°C / 32°-104°F

Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 27331 BTU/h
Dimensions (WxLxH)	1025 x 1320 x 900mm 40.35 x 51.96 x 35.43 inches
Weight	210kg (462.97lbs)
Shipping Dimensions	(LxWxH) 1522 x 1242 x 1215 mm 49.92 x 48.90 x 27.83 inches
Shipping Weight from Factory	270kg (595.25lbs)
Standard accessories	Power cord; wireless/XLR wired rugged remote control; adjustable frame/clamps
Certifications	Compliant with UL60950-1 and EN60950-1complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	2 years standard, extendable up to 5 years