

# HDQ-2K40

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



- **The world's brightest projector for rental and staging**
- **Razor-sharp, 2K images**
- **Powerful Athena<sup>TM</sup> scaler**
- **Light-on-demand option for flexible brightness**

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.

### 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

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.

### **Ultra-bright, stunning images**

- High-contrast 3-chip DLP™ engine
- 2K resolution (2048 x 1080)
- 40,000 center lumens
- Xenon illumination
- ImagePRO technology inside (Athena scaler)
- Dual-core warp engine

### **Built for the rental & staging industry**

- Fully sealed optics
- Extended wireless control options
- 3D ready
- Preview mode on LCD display
- Easy to set up, install, service and transport thanks to solid and modular design
- Minimum image latency

**Product specificaties****HDQ-2K40****General specifications**

Type projector	2K 3-chip DLP digital projector
Technologie	1.2" DMD™ x3
Resolutie	2,048 x 1,080
Helderheid	40,000 center lumens / 37,000 ANSI lumens*
Contrastverhouding	2,000:1 (standard)
Helderheidsuniformiteit	90%
Beeldverhouding	2,048 : 1,080
ScenergiX	Horizontal and vertical edge blending
Type lens	XLD, 4K lenses
Lenzen	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
Optische lensverschuiving	Vertical: -100% to + 110% / Horizontal: +/-30% (on zoom lenses memorised)
Kleurcorrectie	P7
Lampen	7 kW xenon
Levensduur lamp	500 Hrs
Transport met lamp	No
Lampbehuizing, snelle vervanging	Yes
Lampvervanging door klant	Yes
Lampgarantie (vervanging op locatie/in de fabriek)	90 days, 300 hours / pro rata 300 hours
Verzegelde DLP™-kern	Standard
Optische dowser	Standard
Picture-in-Picture	Two sources simultaneously
Oriëntatie	table -side (portrait)* * lamp door down/bottom
Andere	can be controlled by DMX 512 console, warping
DMX 512	standard
WARP	direct adjust OSD + toolset
Geïntegreerde webserver	yes
CLU (constante lichtuitvoer)	Standard
3D	Active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 144 Hz
Ingangen	DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink
Optionele ingangen	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
Invoerresoluties	From NTSC up to QXGA (2,048 x 1,536)
Max. pixelklok	200 MHz
Softwaretools	Projector Toolset + Android app
Controle	XLR wired + IR, RS232, Wifi, GSM (opt)
Netwerkverbinding	10/100 base-T, RJ-45 connection, Wifi (optional)
Voedingsvereisten	200-240V /380-400V@50-60Hz
Max. energieverbruik	8,000W
Geluidsniveau (standaard bij 25°C/77°F)	61 dB(A)
Operationele omgevingstemperatuur	0-35°C / 32°-104°F
Operationele vochtigheid	0-80% (non condens)
Dissipatie BTU	Max. 27,331 BTU/h
Afmetingen (B x L x H)	1,025 x 1,320 x 900mm / 40.35 x 51.96 x 35.43 inches
Gewicht	210kg (462.97lbs)
Verzendingsafmetingen	(LxWxH) 1,522 x 1,242 x 1,215 mm / 59.92 x 48.90 x 47.83 inches
Verzendgewicht af fabriek	270kg (595.25lbs)
Standaardaccessoires	wireless/XLR wired rugged remote control; adjustable frame/clamps
Certificeringen	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Garantie	3 years standard, extendable up to 5 years
*	+/-10%

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