

Product Spec Sheet from Rentex

Barco HDQ-2K40 3-Chip DLP Projector



Mfr Part No. HDQ-2K40
Rentex Product No. 9500

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.

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.

The Barco'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.

Features:

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

Detailed Specifications

Projector type	2K 3-chip DLP digital projector
Technology	1.2" DMD™ x3
Resolution	2048x1080
Contrast	2,000:1 (standard)
Brightness	40,000 center lumens 37,000 ANSI lumens
Uniformity	90% brightness uniformity
Aspect ratio	2048:1080
ScenergiX	Horizontal and vertical edge blending
Input Resolutions	From NTSC up to QXGA (2048x1536)
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)
Lamps	7 kW xenon
Network Connection	10/100 base-T, RJ-45 connection, Wifi (optional)
Control	XLR wired + IR, RS232, Wifi, GSM (opt)
Max Pixel Clock	200 MHz
Dimensions	40.35 x 51.96 x 35.43 inches (WxLxH)
Weight	462.97 lbs

Full Suite of Lenses

Lens - Fixed

- XLD Lens 1.0:1

Lens - Zoom

- XLD Lens 1.45-1.8:1
- XLD Lens 1.8-2.4:1
- XLD Lens 2.2-3.0:1
- XLD Lens 2.8-5.5:1

Lens Offsets

- Vertical: +/-110%
- Horizontal: +/-30% (on zoom lenses memorized)

Power Requirements

200-240V /380-400V@50-60Hz