

# CLM HD8

<P>8,000 lumens, 1080p HD single-chip DLP projector</P><br>



Barco's CLM HD8 is the most cost-effective compact, 8,000 ANSI lumens 1080p HD projector on today's market. Its single-chip DLP technology and sealed optical engine make it an outstanding choice for intensive-use applications in bright environments.

### **Crisp visuals even in bright environments**

Our CLM HD8 features the Barco engineered picture-in-picture functionality, which allows two sources to be displayed simultaneously on one screen, in any combination of data and video. Combined with its strong light output, this makes the CLM ideal for mid- to large-sized venues.

### **Flexible source handling**

The CLM HD8 can handle a wide array of sources, including all currently supported video formats and broadcasting signals. Its RS232 and TCP/IP ports enable connection to a host of remote control devices, while its low size, weight and noise levels make the CLM HD8 an efficient, quiet solution that looks good in any brightly lit room. What's more, it can be stacked in multiples in case even brighter light outputs are required. Its quad-lamp system also spectacularly enhances its lifetime, rendering the CLM HD8 virtually maintenance-free.

**BARCO**

Visibly yours

**Product specifications****CLM HD8**

<b>Projector type</b>	Full HD single-chip DLP digital projector
<b>Technology</b>	0.95" DMD™ x1 Color wheel: RGBW
<b>Resolution</b>	1920x1080
<b>Brightness</b>	8,000 center lumens 7,500 ANSI lumens
<b>Contrast ratio</b>	1,200:1 (standard) 2,000:1 (high contrast mode)
<b>Brightness uniformity</b>	95%
<b>Aspect Ratio</b>	16:9
<b>ScenergiX</b>	Horizontal and vertical edge blending
<b>Lens type</b>	QCLD
<b>Lenses</b>	CLD (fix) 0.85:1 (zoom) 1.2-1.5 1.5-2.2 2.2-4.4 4.4-7.0
<b>Optical lens shift</b>	Vertical: -20% to +110% Horizontal: 15% (L) and 100% (R) on zoom lenses
<b>Color correction</b>	P7
<b>Lamps</b>	4x300W
<b>Lamp lifetime</b>	750 hours (typical) 1250 hours (maximum)
<b>Transport with lamp</b>	Yes
<b>Lamp house, quick replace</b>	Yes, auto lamp select
<b>Customer bulb replace</b>	N/A
<b>Lamp warranty (field replace/ factory replace)</b>	120 days, 500 hours
<b>Sealed DLP™ core</b>	Standard
<b>Optical dower</b>	0-100% brightness control through DMX512 signal
<b>Picture-in-picture</b>	Up to two sources simultaneously
<b>Orientation</b>	table - ceiling - (side) portrait - vertical
<b>DMX 512</b>	Standard
<b>WARP</b>	H keystone
<b>Integrated web server</b>	N/A
<b>CLO (constant light output)</b>	N/A
<b>3D ready (optional)</b>	Passive, circular polarized
<b>Inputs</b>	SDI/HDS DI, DVI (HDCP 1,3)
<b>Optional Inputs</b>	DVI(HDCP); 5-BNC RGBHV, RGBS/RG sB, YUV CS/SOY, Composite video, S-Video; HDS DI/SDI
<b>Input Resolutions</b>	From NTSC up to UXGA (1600x1200), including full HD (1920x1080)
<b>Max. pixel clock</b>	165 MHz
<b>Software tools</b>	Projector Toolset
<b>Control</b>	XLR wired + IR, RS232
<b>Network connection</b>	10/100 base-T, RJ-45 connection
<b>Power requirements</b>	100-240V / 50-60Hz
<b>Max. power consumption</b>	1600W
<b>Noise level (typical at 25°C/77°F)</b>	49dB(A)

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<b>Operational ambient temperature</b>	0-40°C / 32°-104°F
<b>Operational humidity</b>	0-80% (non condens)
<b>Dissipation BTU</b>	max 5459 BTU/h
<b>Dimensions (WxLxH)</b>	692 x 442 x 293mm 27.24 x 17.4 x 11.53 inches
<b>Weight</b>	30kg (66.13lbs)
<b>Shipping Dimensions</b>	(LxWxH) 770 x 580 x 480mm 30.31 x 22.83 x 18.89 inches
<b>Shipping Weight from Factory</b>	35kg (77.16lbs)
<b>Standard accessories</b>	Power cord, wireless/XLR wired rugged remote control
<b>Certifications</b>	Compliant with FCC rules and regulations, part 15 Class A and CE EN55022 Class A, RoHS
<b>Warranty</b>	2 years