

CLM HD8

8,000 lumens, 1080p HD single-chip DLP projector



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.

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Technical specifications

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

Noise level (typical at 25°C/77°F)"	49dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	max 5459 BTU/h
Dimensions (WxLxH)	692 x 442 x 293mm 27.24 x 17.4 x 11.53 inches
Weight	30kg (66.13lbs)
Shipping Dimensions	(LxWxH) 770 x 580 x 480mm 30.31 x 22.83 x 18.89 inches
Shipping Weight from Factory	35kg (77.16lbs)
Accessories	Power cord, wireless/XLR wired rugged remote control
Certifications	Compliant with FCC rules and regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	2 years