

CLM HD8

1080p single-chip DLP™ projector for intensive use applications



The compact, 8,000 lumens CLM HD8 is the latest advancement in Barco's line of high-brightness projectors. It is the most cost-effective projector on the market with a light output of this magnitude. Its outstanding durability, single-chip DLP™ technology and liquid-cooled engine make the CLM HD8 an ideal solution for intensive-use applications in bright environments, such as training and briefing rooms, houses of worship, conference centers, auditoriums, visitor lobbies and museums.

- **Luminosity.** With its dazzling 8,000 lumens light output, the CLM HD8 pierces through the brightest ambient light conditions. The projector can also be stacked in multiples to provide even stronger light outputs.
- **Stability.** A liquid-cooled, sealed optical engine prevents dust from entering the projector and clogging up the CLM's interior, so that your image quality does not falter over time. Stable lenses and the reliability of DLP technology, further contribute to this overall image quality and consistency.
- **Durability.** The CLM HD8 sports a revolutionary quad-lamp system, which enables your presentations to continue uninterrupted even when a lamp fails. This efficient and intelligent lamp system can also be set to economy mode, reducing your cost of ownership to the point that similar DLP projectors can't compete.

CLM HD8 technical specifications

Display capabilities	Light output	8,000 center lumens	
	Contrast	1,200:1 (full field)	
	Resolution	Full HD (1,920 x 1,080)	
	Chip technology	Single-chip DLP™ with BrilliantColor processing	
	Lamps	Lamp	4x 300 Watt UHP
		Lamp warranty	750 hrs
Weight		31kg / 68.3 lbs (excl. lens and rigging frame)	
Dimensions	Height - width - length (excl. carrying handle/rigging points)	293 / 442 / 692 mm	
		11.54" / 17.40" / 27.24"	
	Available zoom lenses		
Lenses	CLD (1.2-1.5:1)	R9861060	
	CLD (1.5-2.2:1)	R9861070	
	CLD (2.2-4.4:1)	R9861080	
	CLD (4.4-7.0:1)	R9861090	
	Available fixed focal lenses		
	QCLD (0.85:1)	R9849860	
	Lens shift range (zoom lenses)		
	Vertical shift from -29% to +110%		
Horizontal shift from -103% to +17%			
Features	Special features		
	ScenergiX horizontal and vertical edge blending		
	Optical dowser (0 - 100% brightness control by DMX512)		
	Sealed DLP core		
	Picture-in-Picture: 2 sources simultaneously		
	Seamless switching with effects		
	Quad lamp system		
	Projector Toolset software for remote control		

Inputs and outputs	Inputs	1x Component video, RGBHV, RGBS or RGBsB (5x BNC)
		HDS/SDI/SDI loop-through
		optional DVI-D
	Output	RS232 / DMX512
	Communication ports	RS232/RS422 (on D9)
Compatibility		RS232 / DMX512 (on XLR)
		USB, IR or wired remote
		RJ45 (10/100 Base-T Ethernet)
	Video	PAL, SECAM, NTSC signals
		Composite, S-video, component or RGB formats
Safety		All current HDTV standards (720i, 720p, 1080i, 1080p)
		DVI sources up to UXGA @ 60 Hz
	Data	All computer graphics formats up to UXGA @ 75Hz
	Scan frequencies	Horizontal 20 kHz - 90 kHz
		Vertical 24 Hz - 75 Hz
Power	Safety regulations	Compliant with UL1950 and EN60950
	Electromagnetic interference	Class A: FCC, part 15 and CE EN55022
Order info	AC power	100 - 240 VAC/50-60 Hz
	Max. power consumption	1600 Watt
Order info	CLM HD8	R9050100
	Rigging kit	R9861000
	Replacement lamp (1-pack)	R9861030
	Replacement lamps (4-pack)	R9861050
	Dust filter (1-pack)	R9861020
	Dust filters (6-pack)	R98610206



R5990086 August 2007

DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this product sheet can be found on www.barco.com.

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