

# CLM R10+



## Introducing a new class of projection

Barco's CLM R10+ is a compact, 10,000 lumen DLP projector, designed and built specifically for the demanding rental and staging market.

With its sealed engine and DLP technology, the CLM R10+ delivers a brilliant, sharp and consistent image - even after years of use - without time consuming and expensive maintenance.

The CLM R10+ features a strong, all-metal chassis ensuring the highest levels of reliability and comes with its own rigging kit, allowing for quick and easy set up. Its compact size, light weight and low noise levels make the CLM R10+ the ideal solution for both small and midsize venues.

Priced in the same range as many high brightness LCD projectors, but with all the advantages of DLP technology, the CLM R10+ truly defines a new class of projection.

### Key features:

- 10k lumen brightness
- Outstanding value
- DLP image quality
- Rugged and reliable
- Compact and lightweight

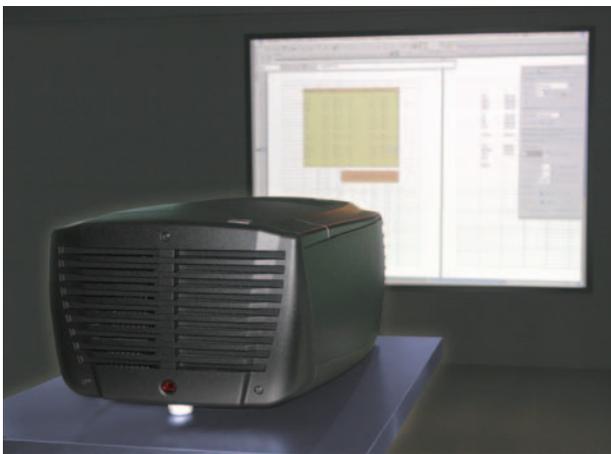
**BARCO**

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### 10k lumen brightness - for today and tomorrow

The CLM R10+ features a new and very efficient lamp/light engine combination that produces 10,000 lumens. Being a DLP projector, the performance of the CLM R10+ will remain consistent over a long time.

There's no need to regularly replace expensive optical parts just to maintain the output level and image quality. The projector also features a sealed light engine and high density filters to keep it clean and true to its specification without time consuming maintenance.



*The SXGA+ resolution (1400 x 1050 pixels) of the CLM R10+ offers 87% more pixels than the XGA panels used in high brightness LCD projectors.*

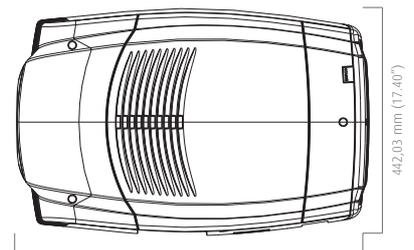
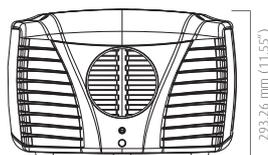
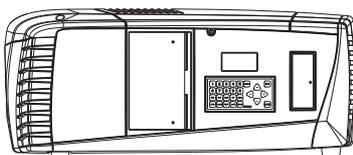
*This makes a significant difference to the projection of data graphics images used in presentations and creative projections in shows.*

### Outstanding DLP image quality

Along with this brightness comes an image quality that rivals much more expensive projectors. This high performance single chip design is based on the same state of the art technology as on our award winning FLM R20+.

With SXGA+ (1400 x 1050 pixel) resolution, the CLM R10+ has 87% more pixels than the XGA resolution of the high brightness LCD projectors. This ensures crisp, clear video and data images without loss of details.

The CLM R10+ is entirely Barco engineered and manufactured. It has been designed and built to the same high standard as its successful bigger brothers, the SLM, FLM and XLM, all of which are industry references in the demanding rental and staging market.



CLM R10+ dimensions

691,18 mm (27.21'')

442,03 mm (17.40'')

### Rugged - built for the road

The CLM features a sturdy all-metal chassis that protects - as well as keeps - all parts in place even under the toughest conditions. An optional frame with carrying handles makes rigging on trusses easy.

### Compact, low noise and lightweight

The compact size of the CLM will allow it to fit applications where previously, lower brightness projectors were the only choice. The light weight of the CLM makes handling and rigging quick and easy.



### Outstanding value and fully featured - why settle for less?

The CLM does not only feature high brightness and great image quality. Its fully featured design means it offers outstanding value by being a complete unit straight out of the box;

- Optical dimmer (true black) controlled by DMX512 signal
- Soft edge blending
- On-touch auto alignment
- Remote control by Ethernet / Projector Toolset
- Practical and easy rigging points

The price of the CLM R10+ makes it attractive to markets and applications that previously had to settle for lesser products.

Until now, high brightness DLP projectors were typically either higher priced or unsuitable for smaller applications. With the CLM R10+ there is now a Barco DLP projector to cover these applications - within your budget.

*The full featured connectivity of the CLM R10+ makes it uniquely suitable for venues and situations where sources and applications vary from day to day. The plug-in input modules allow for any signal type to be accommodated. The remote configuration via Ethernet with our Projector Toolset makes centralized control and set-up a breeze. The remote control of most parameters by DMX512 including true optical dimming ensures easy integration with show and lighting control systems.*

## CLM R10+ specifications

Light output <sup>(1)</sup>	10,000 Center lumen • 9,500 Ansi lumen
Resolution	1,400 x 1,050 (native, SXGA+)
Contrast ratio <sup>(2)</sup>	1,200:1 (full field)
High Contrast Mode <sup>(3) (4)</sup>	contrast enhancement by optical dowser
Lamp	4 x 300 W
Lamp warranty	750 Hrs
Max. ambient temperature	40°C (104°F)
Power consumption	1600 W
Mains voltage	100 - 240 V / 50 - 60 Hz
Weight	30 kg excl. lens and rigging frame
Dimensions (W x L x H)	692 x 442 x 293 mm (27.24 x 17.40 x 11.54 inch) • excl. carrying handle + rigging points
Noise level at 25°C	49 dB(A)
<b>FEATURES</b>	
Sealed DLP core	standard
Network connectivity	10/100 Base-T, RJ-45 connection
Optical dowser (dimmer)	0 - 100% brightness control by DMX512 signal
Scenergix edge blending	horizontal and vertical electronic edge blending
Advanced picture in picture	two sources simultaneously
<b>INPUTS</b>	
Input source compatibility <sup>(5)</sup>	max. input resolution up to UXGA (2,048 x 1,536)
Standard inputs	configurable; 5 cable (BNC) & DVI
<b>ORDER INFORMATION</b>	
Projector (with 1.6 - 2.4 lens + rigging kit)	R90501001
Spare lamp (4 per projector)	R9861030 (pack of 1 lamp)
	R9861040 (pack of 2 lamps)
	R9861050 (pack of 4 lamps)
Rigging kit	R9861000 (handles, frame, clamps, safety wires)
Flightcase	R9861010
Dust filters	R9861020 (set of 3 filters)
<b>LENSES</b>	
Zoom lenses	<i>throw ratio on CLM R10+</i>
	BPS P LNS CLD 1.2 - 1.6:1 R9849870
	BME P LNS CLD 1.6 - 2.4:1 R9861100
	BPS LNS CLD 2.4 - 4.3:1 R9849890

<sup>(1)</sup> Measured with CLD 1.6 - 2.4 lens, on axis at 220 V (+/- 10% variation)

The brightness may vary slightly depending on the mains voltage

<sup>(2)</sup> Full white / full black on full field

<sup>(3)</sup> High Contrast Mode setting reduces light output to about 75% of the max. light output

<sup>(4)</sup> Contrast ratio's up to 2000:1 are possible in high contrast mode

<sup>(5)</sup> all current video sources in composite, S-VHS, RGB or component or Serial digital format  
all current proposed HDTV, extended and improved television standards (1080i, 720p, ...)  
computer and workstations with a resolution up to 1,600 x 1,200  
most Macintosh computers  
direct digital interfacing with current and future digital standards



Ref.no. R599145 - January 2007

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