

# CLM R10+

SXGA+, 10,000 lumens single-chip DLP projector



Barco's CLM R10+ is the most cost-effective compact, 10,000 ANSI lumens high-brightness 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 R10+ 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 presentation venues.

### **Flexible source handling**

The CLM R10+ 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 R10+ 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 R10+ virtually maintenance-free.

**BARCO**

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# Technical specifications

Projector type	SXGA+ single-chip DLP digital projector
Technology	0.95" DMD™ x1 CW:RGBW
Resolution	1400x1050
Brightness	10,000 center lumens 9,500 ANSI lumens
Contrast ratio	1,200:1 (standard) 2,000:1 (high contrast mode)
Brightness uniformity	95%
Aspect ratio	4:3
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 dowsers	0-100% brightness control through DMX512 signal
Picture-in-picture	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	DVI(HDCP); 5-BNC RGBHV (RGBS/RGSB, YUV CS/SOY, Composite video, S-Video)
Optional Inputs	DVI(HDCP), 5-BNC RGBHV, RGBS/RGSB, YUV CS/SOY, Composite video, S-Video; HDS/SDI
max. pixel clock	165 MHz
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

<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>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