

RLM R6+ Performer

SXGA+, 6,000 lumens three-chip DLP projector



Barco's RLM R6+ is the most cost-effective projector on the market today that can offer the excellent color quality of three-chip DLP technology with a high-brightness light output strong enough for most medium-sized venues.

Engaging, dynamic presentations

The RLM R6+ projector is an ideal companion for large-screen or auxiliary screen projection. Through its flexible picture-in-picture capabilities, you can render your events interactive and energizing without having to buy extra peripherals.

Guaranteed durability

Barco's RLM R6+ comes equipped with an intelligent dual lamp system. If one lamp should reach end of life, the second lamp is activated without missing a beat, and without requiring human intervention. This ensures smooth, continuous presentations with a minimum amount of maintenance, and demonstrates why the RLM R6+ has proven its status as most cost-effective three-chip DLP projector time and again.

BARCO

Visibly yours

Technical specifications

Light Output	6500 Center lumen 6000 ANSI Lumen	
Resolution	1400 x 1050 (native)	
Brightness uniformity	> 90% for the total screen	
Contrast ratio	1600:1 (full field)	
Display	3 Chip DLP SXGA+ (resolution of 1400 x 1050 pixels (aspect ratio 4:3)).	
Convergence	Max allowed convergence drift is 0.5 pixel. This is checked on vertical and horizontal midlines only. Corners are not applicable for convergence error. This is measure with TLD 1.2 lens on axis.	
Features	<ul style="list-style-type: none"> • AutoImage • Advanced picture-in-picture • Seamless switching with effects • Standard light shutter • Advanced digital zoom • Rigging point • Carrying handle • Frame • P7 color processing 	
Picture-in-picture	Up to 4 sources simultaneously (2 data, 1 video and 1 SDI)	
Inputs	<ul style="list-style-type: none"> • 1x Configurable 5-Wire (BNC) • 1x Composite Video (BNC) • 1x S-Video (4-pin mini-DIN) • 1x analogue RGB (D15 connector) • 1x SDI/HDSDI (+ loop through) • 1x DVI (Digital Visual Interface) 	
Outputs	HDSDI/ SDI loop out	
Communication	<ul style="list-style-type: none"> • 1x RS-232C IN (D-9 connector) • 1x RS-232C OUT (D-9 connector) • 1x RS-232C IN (XLR connector) • mini-jack for wired remote control 	
Compatibility	<ul style="list-style-type: none"> • All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats • All currently proposed HDTV, extended and improved television standards (1080i, 720p) • All computer graphics formats from VGA, SVGA, XGA, SXGA,full HD to UXGA • Most Macintosh computers • Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz • Most computer sources with a pixel clock up to 200 MHz • DVI sources up to SXGA+ 	
Input source compatibility	1600 x 1200 (max. input)	
Screen size	From 1-7m / 3-23ft.recomended	
Scan Frequencies	Pixel clock >162Mhz (UXGA 60hz)	
Network connection	Optional (10 base-T)	
Ambient temperature	Max 40°C (104°F)	
Lamp	2 x 250 W mercury Lamp warranty: 1000 hrs	
Lenses	Lens	Order Nr
	TLD (HB) 0.8	R9842040
	TLD (HB) 1.6 - 2.0	R9842060
	TLD (HB) 2.0 - 2.8	R9842080
	TLD (HB) 2.8 - 5.0	R9842100
	TLD (HB) 5.0 - 8.0	R9842120
Lens Shift	Vertical: -10% to +110% Horizontal: -50% to +50% (small differences occur per lens type)	

Lens encoders	On zoom and focus (with TLD lenses)
ScenergiX	Standard horizontal and vertical electronic edge blending
Sealed DLP™ core	Standard
Dust filters	Metal filters
Noise Level	42 dB(A) (at 40°C)
Mains Voltage	92-240 V / 50 - 60 Hz
Power consumption	700 W
Power Dissipation	Max 2217 BTU/h
AC power	90V - 255V (50 Hz - 60Hz)
Weight	Projector: 25 kg (56 lbs) Frame: 5 kg (11 lbs)
Dimensions	W x L x H 705 x 707,8 x 316,5 mm (27.8 x 27.9 x 12.5 inch)
Shipping Dimensions	Width: 56 cm Height: 100 cm Depth: 100 cm Floor Space: 1 m ² Volume: 0,56 m ³ Gross Weight: 65 kg
Safety Regulations	Compliant with UL1950 and EN60950
Electromagnetic Interference	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
Order Information	Projector body (without lens): R9010270 Spare dual lamp: R9852940