

RLM R6+ Performer

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



PRODUCT SPECIFICATIONS**RLM R6+ PERFORMER**

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	Fixed 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

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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	

Last updated: 21 Jan 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.