

# RLM R6+ Performer

<P>SXGA+, 6,000 lumens three-chip DLP projector</P><br>



**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"><li>▪ AutoImage</li><li>▪ Advanced picture-in-picture</li><li>▪ Seamless switching with effects</li><li>▪ Standard light shutter</li><li>▪ Advanced digital zoom</li><li>▪ Rigging point</li><li>▪ Carrying handle</li><li>▪ Frame</li><li>▪ P7 color processing</li></ul>
Picture-in-picture	Up to 4 sources simultaneously (2 data, 1 video and 1 SDI)
Inputs	Fixed inputs <ul style="list-style-type: none"><li>▪ 1x Configurable 5-Wire (BNC)</li><li>▪ 1x Composite Video (BNC)</li><li>▪ 1x S-Video (4-pin mini-DIN)</li><li>▪ 1x analogue RGB (D15 connector)</li><li>▪ 1x SDI/HDSDI (+ loop through)</li><li>▪ 1x DVI (Digital Visual Interface)</li></ul>
Outputs	HDSDI/ SDI loop out
Communication	<ul style="list-style-type: none"><li>▪ 1x RS-232C IN (D-9 connector)</li><li>▪ 1x RS-232C OUT (D-9 connector)</li><li>▪ 1x RS-232C IN (XLR connector)</li><li>▪ mini-jack for wired remote control</li></ul>
Compatibility	<ul style="list-style-type: none"><li>▪ All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats</li><li>▪ All currently proposed HDTV, extended and improved television standards (1080i, 720p)</li><li>▪ All computer graphics formats from VGA, SVGA, XGA, SXGA,full HD to UXGA</li><li>▪ Most Macintosh computers</li><li>▪ Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz</li><li>▪ Most computer sources with a pixel clock up to 200 MHz</li><li>▪ DVI sources up to SXGA+</li></ul>
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
<b>Lens Shift</b>	Vertical: -10% to +110% Horizontal: -50% to +50% (small differences occur per lens type)	
<b>Lens encoders</b>	On zoom and focus (with TLD lenses)	
<b>ScenergiX</b>	Standard horizontal and vertical electronic edge blending	
<b>Sealed DLP™ core</b>	Standard	
<b>Dust filters</b>	Metal filters	
<b>Noise Level</b>	42 dB(A) (at 40°C)	
<b>Mains Voltage</b>	92-240 V / 50 -60 Hz	
<b>Power consumption</b>	700 W	
<b>Power Dissipation</b>	Max 2217 BTU/h	
<b>AC power</b>	90V -255V (50 Hz -60Hz)	
<b>Weight</b>	Projector: 25 kg (56 lbs) Frame: 5 kg (11 lbs)	
<b>Dimensions</b>	W x L x H 705 x 707,8 x 316,5 mm (27,8 x 27,9 x 12,5 inch)	
<b>Shipping Dimensions</b>	Width: 56 cm Height: 100 cm Depth: 100 cm Floor Space: 1 m <sup>2</sup> Volume: 0,56 m <sup>3</sup> Gross Weight: 65 kg	
<b>Safety Regulations</b>	Compliant with UL1950 and EN60950	
<b>Electromagnetic Interference</b>	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A	
<b>Order Information</b>	Projector body (without lens): R9010270 Spare dual lamp: R9852940	

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.