

Christie Roadie 4K Series



Auditoriums
Houses of worship
Large venues

Location-based entertainment
Projection mapping
Rental staging



Christie TruLife 4K projection – built tough

Now you can bring 4K, 60Hz projection on the road with the Christie® Roadie 4K ruggedized projectors. Engineered to withstand the rigors of the road and other demanding applications, the Christie Roadie 4K35 and Roadie 4K45 feature industry-leading Christie TruLife™ electronics. Capable of supporting 1.2Gpx/s operation and equivalent 25-bits processing, TruLife enables astonishing color reproduction, full connectivity – including 3G-SDI – and built-in image warping and blending.

Utilizing proven Xenon illumination, these high brightness, 3-chip DLP® projectors are available in 35,000 and 45,000 lumen models and are upgradable to true 120Hz operation. Utilizing the optional robust rigging and stacking frame, these powerful projectors are perfect for large-scale visual spectacles such as live events, location based entertainment and projection mapping.

CHRISTIE®

		Christie Roadie 4K35	Christie Roadie 4K45
Image	brightness	• 32,500 ANSI lumens – (35,000 center lumens)	• 43,000 ANSI lumens – (45,000 center lumens)
	contrast	• 2000:1	
Display technology	type	• 3-chip 1.38" DMD	
	native resolution	• Native 4K (4096 x 2160)	
Lamp	type	• Xenon bubble	
	estimated life	• 6.0kW CDXL-60 – 750hrs • 4.5kW CDXL-30 – 900hrs • 3.0kW CDXL-20 – 2500hrs • 2.0kW CDXL-20 – 3500hrs	• 7.0kW CDXL-70 – 350hrs • 6.0kW CDXL-60 – 750hrs • 4.5kW CDXL-30 – 900hrs • 3.0kW CDXL-20 – 2500hrs • 2.0kW CDXL-20 – 3500hrs
Input	signals	• 2 x Dual 3G HD-SDI input card • 2 x Twin display port input card	
	pixel clock	• 1.2Gpx/s – TruLife Electronics	
Inputs/outputs, control and networking	input	• RS-232 In • Ethernet (10/100) RJ-45 with ChristieNET™ connectivity • Detachable control panel	
Lens mount		• Tool-free lens insertion system • Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment	
Lenses	fixed	• 0.72:1* • 1.0:1**	
	zoom	• 1.13-1.31:1*** • 1.31-1.63:1 • 1.63-2.17:1 • 1.98-2.71:1 • 2.71-3.89:1 • 3.89-5.43:1 • 5.43:1-7.69:1***	
	offsets	• All lenses ± 13% Vertical ± 4% Horizontal except those noted below * No offset ** 1.0:1 fixed lens Vertical: ± 29% Horizontal: 9% ***1.13-1.31:1 zoom lens Vertical: ± 56% Horizontal: 19%	
Accessories	standard	• Ballast and cables • Wired TPC • User manual	
	optional	• Dual link DVI input card • Twin HDMI input card • Rigging and stacking frame	
Power requirements	operating voltage	• Single phase 200-240 VAC @ 50/60Hz	
	operating current	• 7A @ 200V	
	ballast	• Type: detached, 8kW low-ripple, switch-mode lamp ballast • Operating voltage: 3-phase 200-230 VAC @ 50/60Hz • Current: 39A per phase max • Operating voltage: 3-phase 380-415 VAC @ 50/60Hz • Current: 26A per phase max	
Physical	size (no feet, no lens)	• Head (LxWxH): 52.3 x 25.5 x 20.53" (1329 x 647 x 522mm) • Ballast (LxWxH): 21.34 x 17.52 x 20.93" (542 x 445 x 532mm)	
	shipping size	• Head (LxWxH): 55.98 x 35.98 x 31.50" (1422 x 914 x 800mm)	
	weight	• Head 284.4lbs (129kg) no lens, no linecord • Ballast 126lbs (57kg)	
	shipping weight	• Head 352.7lbs (160kg) • Ballast 156.5lbs (71kg)	
Environment	operating temperature	• 40-104°F (5-40°C)	
	operating humidity	• 0-90% non-condensing	
Regulatory approvals		• This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC) Directives: (EC) 2011/65/EU (RoHS) • 2012/19/EU (WEEE) • Regulations: (EC) No. 1907/2006 (REACH) • CAN/CSA C22.2 No. 60950-1 • UL 60950-1 • IEC 60950-1 • EN 60950-1 • FCC, Part 15, Subpart B, Class A • EN55022/CISPR22 Class A • EN55024/CISPR24	
Warranty	projector	• Three years parts and labor limited warranty (including light engine)	
	lamp	• Contact an authorized Christie representative for the full details of our limited warranty	

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