

CHRISTIE M 4K15 RGB/M 4K+15 RGB

Live events and projection mapping | Auditoriums and conference centers |
Planetariums and museums | Theme park attractions | Sports venues | Hospitality and tourism

An icon, re-imagined

How do you improve on your most iconic projector series?
Go beyond what everyone believes is possible, that's how.

The Christie® M 4K RGB Series re-imagines and reinvents the rugged and reliable M Series industry workhorse with innovative, cutting-edge RGB pure laser technology. This versatile series is a new peak of perfection for our 3DLP® RGB pure laser projection technology.

The M 4K15 RGB and M 4K+15 RGB models provide 15,750 lumens with UHD 4K (3840 x 2160) and UHD 4K+ (3840 x 2400) resolution, quiet operation, double the color, and quadruple the resolution of our legacy M Series.

With full brightness at 100-120 or 200-240 VAC operation and a field-replaceable laser optical system (LOS), the M 4K RGB Series enables excellent performance in the most demanding and long-life applications.

Why choose the M 4K RGB Series?

- › Full brightness using 120V or 240V.
- › An expanded color gamut that produces ~98% of the Rec. 2020 color space for rich, vibrant, and true-to-life visuals.
- › Our TruLife+™ electronics platform provides "all-in" connectivity, eliminating the hassle and cost of removable option cards.
- › Electronic color convergence (ECC) allows you to select red, green, or blue individually and converge via remote.
- › Compatible with legacy M, J, and Crimson Series projector lenses and the legacy M Series rigging frame.
- › Christie LiteLOC™ automatically manages brightness over time in higher ambient temperatures to ensure your presentation is the same as day-one.
- › Quiet operation – 41 dBA in quiet fan mode.



CHRISTIE®

Technical specifications		Christie M 4K15 RGB	Christie M 4K+15 RGB
Image	brightness	• 15,750 ISO lumens • 14,000 ANSI^{1,2}	
	contrast	• 2700:1 On/Off • 6000:1 On/Off³ with optional UHC lenses	• 2200:1 On/Off • 4900:1 On/Off³ with optional UHC lenses
Display technology	type	• Dust-sealed 3DLP® (0.95")	
	resolution	• 3840 x 2160 precision pixel-shifted (4K UHD) • 1920 x 1080 native	• 3840 x 2400 precision pixel-shifted (4K UHD+) • 1920 x 1200 native
Sound		• 43.8 dBA ^{4,5}	
Illumination	type	• Solid state pure RGB (red, green & blue) laser optical system (LOS)	
	performance	• 25,000 hours to 50% brightness when operated at 100% brightness⁶ • 50,000 hours to 50% brightness when operated at 60% brightness⁶	
	color performance	• ~98% coverage of the Rec. 2020 color gamut	
	field replaceable	• LOS or laser device	
Orientation		• Omnidirectional	
Image processing		• Christie TruLife+™ electronics, 1.2Gpx/s	
Frame rates	standard	• 24-60 Hz	
	optional	• Mirage option: 96-120 Hz 4K in 2D or 3D @ 60 Hz per eye • Mirage Pro option: Mirage + 240-480 Hz HD scaled	
Inputs	standard	• 4 x 12G-SDI • 2 x HDMI 2.0 • 2 x DisplayPort 1.2 • Fiber (QSFP+) for use with optional Christie Link Transmitter (1 input/1 output) • HDBaseT • 3D sync (in/out) • Audio out	
User controlled warping and blending	standard	• Christie Twist™ (software can be downloaded at no extra charge)	
	optional	• Christie Twist Premium and Twist Pro	
Automated warping and blending	standard	• Mystique™ Lite (software can be downloaded at no extra charge and requires an off-the-shelf web/Ethernet camera.)	
	optional	• Mystique Essentials • Mystique ProAV • Mystique Large Scale Experience Edition • Mystique Premium Edition	
Multi-projector management	standard	• Christie Conductor software monitors and controls up to 256 projectors and can be downloaded at no extra charge	
Lenses	standard	• 0.37:1 UST Fixed Lens - ILS1 • 0.67:1 Fixed Lens - ILS1 • 0.8-1.16:1 Zoom Lens - ILS1 • 1.1:1 Fixed Lens - ILS1 • 1.16-1.49:1 Zoom Lens - ILS1 • 1.4-1.8:1 Zoom Lens - ILS1 • 1.8-2.6:1 Zoom Lens - ILS1 • 2.6-4.1:1 Zoom Lens - ILS1 • 4.1-6.9:1 Zoom Lens - ILS1⁷ • 6.9-10.4:1 Zoom Lens - ILS1⁷	
	ultra high contrast ³	• 0.67:1 UHC Fixed Lens - ILS1 • 0.8-1.16:1 UHC Zoom Lens - ILS1 • 1.28-1.87:1 UHC Zoom Lens - ILS1	
Power	line voltage	• 100-240 VAC, 50/60 Hz Single phase • Operating current: 12A (100 VAC), 6A (200-240 VAC) • Full brightness can be achieved @ 110V	
	power consumption	• 827W typical (2,822 BTU/hr) • 1200W max (4,136 BTU/hr)	
Cooling		• Liquid, self-contained	
Laser class		• Class 1 – Risk Group 3 • Class 1 – Risk Group 2 when used with 0.37:1, 0.67:1, 0.8-1.16:1 lenses only	
Operating environment		• 41-104 F (5-40 C) • Relative humidity: 10-80% non-condensing	
Dimensions	size (LxWxH)	• 24.3 x 20.7 x 10.6" - (617 x 525 x 270 mm) ⁸	
	weight	• 83.8 lbs (38.1 kg) ⁸	

¹ D65 white point measured at 73.4 F (23 C).

² Standard fan mode.

³ Brightness is reduced by up to 15% with use of ultra high-contrast lenses.

⁴ 41.0 dBA in quiet fan mode at 73.4 F (23 C)

⁵ 43.8 dBA in standard fan mode at 73.4 F (23 C)

• Sound pressure measurement, measuring conditions, and method of notation all comply with ISO 7779:1999.

⁶ To 50% brightness. Based on 9-point average (results may vary depending on environmental conditions i.e., ambient temperature, humidity, dust, smog, or other contaminants.)

⁷ New or legacy M, J, and Crimson Series projector lenses require lens hood extension for Class 1 RG3.

⁸ Without lens.

For the most current specification information, please visit christiedigital.com

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CD3736-M-4K15-RGB-Datasheet-Aug-23-EN

