

CHRISTIE M 4K25 RGB/M 4K+25 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.

Boasting 25,300 lumens in a very small form factor, the M 4K25 RGB and M 4K+25 RGB models offer 4K UHD (3840 x 2160) and 4K+ UHD (3840 x 2400) resolution, quiet operation, plus double the color, and quadruple the resolution of our legacy M Series.

With a field-replaceable laser optical system (LOS) and the ability to maintain up to 50,000 hours of continuous light output at 60% brightness, the M 4K RGB Series enables excellent performance in the most demanding and long-life applications.

Why choose the M 4K RGB Series?

- › 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 of removable option cards.
- › Electronic color convergence (ECC) allows you to select red, green, or blue individually and converge via remote control.
- › Compatible with legacy M, J, and Crimson Series projector lenses and the legacy M Series rigging frame.
- › Our proprietary LiteLOC™ technology automatically manages brightness over time in higher ambient temperatures and more humid environments to ensure your presentation is the same as day-one.



CHRISTIE®

Technical specifications

Christie M 4K25 RGB

Christie M 4K+25 RGB

Image	brightness	<ul style="list-style-type: none"> • 25,300 ISO lumens • 22,500 ANSI^{1,2} 	
	contrast	<ul style="list-style-type: none"> • 2700:1 On/Off • 6000:1 On/Off³ with optional UHC lenses 	<ul style="list-style-type: none"> • 2200:1 On/Off • 4900:1 On/Off³ with optional UHC lenses
Display technology	type	• Dust-sealed 3DLP* (0.95")	• Dust-sealed 3DLP* (0.96")
	resolution	<ul style="list-style-type: none"> • 3840 x 2160 precision pixel shifted (4K UHD) • 1920 x 1080 native 	<ul style="list-style-type: none"> • 3840 x 2400 precision pixel shifted (4K UHD+) • 1920 x 1200 native
Sound		• 46.7 dBA ^{4,5}	
Illumination	type	• Solid state pure RGB (red, green & blue) laser optical system (LOS)	
	performance	<ul style="list-style-type: none"> • 25,000 hours to 50% brightness when operated at 100% brightness⁶ • 50,000 hours of 50% brightness when operated at 60% brightness⁶ 	
	color performance	• 98% coverage of the Rec. 2020 color gamut	
	field replaceable	• Yes	
Orientation		• Omnidirectional	
Image processing		• Christie TruLife+™ electronics, 1.2Gpx/s	
Frame rates	standard	• 24-60Hz	
	optional	<ul style="list-style-type: none"> • Mirage option: 96-120Hz 4K in 2D or 3D @ 60Hz per eye • Mirage Pro option: Mirage + 240-480Hz 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	optional	• Christie Conductor software monitors and controls up to 256 projectors and can be downloaded at no extra charge	
Lenses	standard	• 0.37:1 Ultra short throw 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 - ILS1 ⁷	
		• 6.9-10.4:1 Zoom Lens - ILS1 ⁷	
	ultra high contrast (UHC)	• 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	<ul style="list-style-type: none"> • 200-240 VAC, 9A, 50/60 Hz Single phase • Limited brightness mode ⁸: 100-120 VAC, 12A, 50/60 Hz (half brightness) • Connector: IEC C14 PDU AC inlet (IEC C13 locking cord) 	
	power consumption	<ul style="list-style-type: none"> • 1800W max (6,140 BTU/hr) • 1540W typical (5,250 BTU/hr) 	
Cooling		• Liquid, self-contained	
Laser class		<ul style="list-style-type: none"> • Class 1 – Risk Group 3 • Class 1 – Risk Group 2 only when operated in low line mode at 100-120 VAC using 0.37:1, 0.67:1, 0.8-1.16:1 lenses. 	
Operating environment		<ul style="list-style-type: none"> • 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) ⁹	
	weight	• 92 lbs. (41.7 kg) ⁹	
Warranty		<ul style="list-style-type: none"> • Three years parts and labor • Reference the Christie Standard Limited Warranty document for details • Or contact an authorized Christie representative for full details of our limited warranty 	

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

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

⁶ Sound pressure measurement, measuring conditions, and method of notation all comply with ISO 7779:1999.

⁷ 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.)

⁸ New or legacy M, J, and Crimson Series projector lenses require lens hood extension for Class 1 RG3.

⁹ Power cord not included for limited brightness mode

⁹ Without lens.

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

Copyright 2024 Christie Digital Systems USA, Inc. All rights reserved. Our centers of excellence for manufacturing in Kitchener, Ontario, Canada and in Shenzhen, China are ISO 9001:2015 Quality Management System-certified. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. "Christie" is a trademark of Christie Digital Systems USA, Inc., registered in the United States of America and certain other countries. DLP™ and the DLP logo are registered trademarks of Texas Instruments. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.
CD4407-M4K25-M4K+25-Datasheet-Mar-24-EN

