

Christie CP2309-RGB

Small-screen cinemas
Screening rooms
Post production
Boutique theatres



Premium projection for the small screen.

The Christie® CP2309-RGB gives exhibitors the latest innovations in RGB pure laser technology at a cost of ownership comparable to Xenon. Featuring CineLife™ electronics and RealLaser™ illumination, this DCI-compliant projector approaches 9,000 lumens and excels in image quality, operational lifetime, and overall cost. Its compact, all-in-one form factor does not require any external chillers or parts for a seamless installation into any booth. Now is the time to make the switch to RGB pure laser.

Advanced laser light source

At the core of RealLaser technology are the Multi-Laser Pack Devices (MPD). These compact, robust, solid-state laser banks comprise of individual emitters populated in a matrix that is specifically tuned for the accurate reproduction of DCI content. With Enhanced Wavelength Diversity (EWD), each MPD features a special configuration of laser diodes making the CP2309-RGB ideal for every type of cinema exhibition, including 3D applications on high-gain silver screens.

CHRISTIE®

Specifications		Christie CP2309-RGB
Brightness	nominal	• Up to 9,000 lumens at DCI white (<25°C ambient)
	lifetime	• >30,000 hours to 80% brightness (<25°C ambient)
Contrast ratio		• 2000:1 sequential with standard high brightness lens
Digital micromirror device		• 0.69" mDC2K 3-chip DMD DLP Cinema® • 2048x1080 (2K)
Color gamut	native gamut	• >95% Rec 2020 coverage
Processing electronics		• Christie® CineLife™ Series-3 (Series-2 IMB compatible) ¹ • HDMI v1.4a x2 • 16-channel AES (w/ Christie IMB-S3 via RJ45 x2) • 2K120 / 4K30 fps (w/Christie IMB-S3) • Built-in automation controller • 3D Sync Connector (12V 1A powered) ²
Lens mount configuration		• Fully motorized Intelligent Lens System (ILS™)
Lenses		• 1.2-1.72 (108-494108-XX) • 1.33-2.1 (108-495109-XX) • 1.62-2.7 (108-496100-XX) • 2.09-3.9 (108-497101-XX)
Input line voltage		• Single phase 200-240 VAC
Power input requirements		• Input A: 200-240 VAC @ 50-60Hz, 9A • Input B (UPS input): 100-240VAC @ 50-60Hz, 9A (8A typical @ 120V)
Cooling		• Liquid pressurized/TEC, self-contained • Heat extraction optional • Room heat load w/o extraction: 5698 BTU/hr
Power consumption		• 1670W @ full load
Laser class		• Class 1 – Risk Group 3
Dimensions (w/o lens)	size	• (LxWxH): 42.6x25.0x13.3" (1083x635x337mm)
	weight	• 160 lbs (73 kg)
Accessories		• Christie IMB-S3 (153-100102-01) • NAS-S3 5.4TB storage (153-101103-01) • Rack mount pedestal (108-416102-01) • Rack mount pedestal adaptor (163-111104-01) • Extraction duct adaptor (163-112105-01)

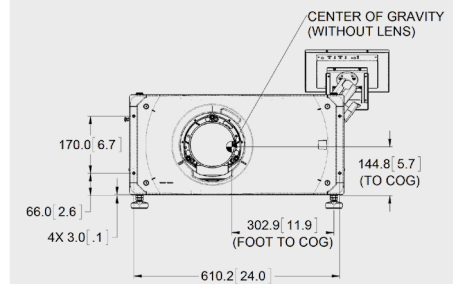
¹ Supports Dolby IMS2000/IMS3000 and GDC SX-3000/SX-4000

² Supports most conventional 3D systems except "color-separation" based 3D (i.e. 6P). Visit the website for more information.

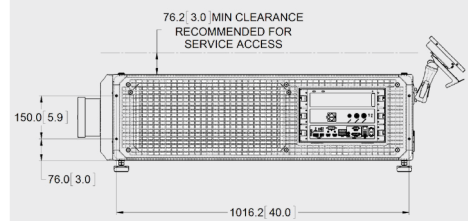
Key features:

- › **Long-lasting, reliable light source** – Christie RealLaser is designed to operate for over 10+ years while maintaining original screen brightness
- › **Color realism** – An expansive color gamut that provides richer, deeper, and intense colors without filtering or color correction
- › **Backwards compatibility** – Fully-compatible with existing accessories including the Christie Rack Mount Pedestal and existing cinema lenses for additional cost savings
- › **Christie CineLife electronics** – Streamlined UX-designed interface for simple playback, scheduling and management of cinema content when used with the Christie IMB-S3
- › **Future-proofed** – High frame rate capable: 2K@120fps
- › **Compact form factor** – Fits seamlessly into existing booths for easy installation
- › **Ultra-low maintenance** – Fully-sealed optics allows for optimal protection against dust-ingress

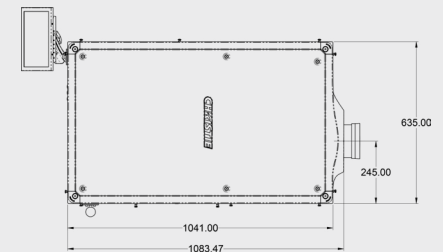
Front view



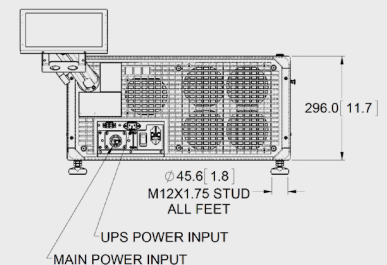
Side view



Top view



Back view



Corporate offices

Christie Digital Systems USA, Inc.
Cypress
ph: 714 236 8610
Christie Digital Systems Canada Inc.
Kitchener
ph: 519 744 8005

Worldwide offices

Australia
ph: +61 (0) 7 3624 4888
Brazil
ph: +55 (11) 2548 4753
China (Beijing)
ph: +86 10 6561 0240
China (Shanghai)
ph: +86 21 6030 0500
Colombia
ph: +57 (318) 447 3179
Eastern Europe
ph: +36 (0) 1 47 48 138

France
ph: +33 (0) 1 41 21 44 04
Germany (Cologne)
ph: +49 221 99 512-0
Germany (Moechengladbach)
ph: +49 2161 566200
India
ph: +91 (080) 6708 9999
Japan
ph: +81 3 3599 7481
Mexico
ph: +52 55 4744 1790

Republic of South Africa
ph: +27 11 251 0000
Singapore
ph: +65 6877 8737
South Korea
ph: +82 2 702 1601
Spain
ph: +34 91 633 9990
United Arab Emirates
ph: +971 (0) 4 503 6800
United Kingdom
ph: +44 (0) 118 977 8000

United States (Arizona)
ph: 602 943 5700
United States (New York)
ph: 646 779 2014

Independent sales consultant offices

Italy
ph: +39 (0) 2 9902 1161
Russia
ph: +7 (495) 930 8961



ISO 9001
ISO 14001
Kitchener, Ontario

