CP2320-RGB
Medium-screen auditoriums | Event cinema | Post production | Screening rooms

Advanced, yet affordable, DCI compliant cinema projection featuring Christie RealLaser™ technology for screens up to 64 feet wide

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**Key features:**

- **Improved cinema experience** – expanded color gamut approaching REC 2020, greater brightness and contrast
- **Enhanced Wavelength Diversity (EWD)** – utilising MPD technology to improve image quality on all screen types
- **Long-lasting light source** – over 50,000 hours of optimal performance
- **Low maintenance** – sealed optics for protection against dust ingress
- **Backwards compatibility** – works with existing Christie accessories and lenses
- **Best-in-class operational efficiency** – 12.2 lumens per watt

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Innovation in every frame™
### Specifications

**Christie CP2320-RGB**

**Brightness**
- Nominal: Up to 18,000 lumens at DCI white (<25°C ambient)
- Lifetime: >50,000 hours

**Contrast Ratio**
- 3000:1 full field on/off, 1000:1 ANSI with standard high brightness lens

**Digital Micromirror Device**
- 0.98” mD2CK 3-chip DMD DLP Cinema®
- 2048x1080 (2K)

**Color Gamut**
- Native gamut
- >95% of Rec. 2020 coverage

**Processing Electronics**
- Christie® CineLife™ Series-3 (Series-2 IMB compatible)
- HDMI v1.4a x2
- 16-channel AES (w/ Christie IMB-S3 via RJ45 x2)
- 2K120 (w/ Christie IMB-S3)
- Built-in automation controller
- 3D Sync Connector (12V 1A powered)

**Lens Mount Configuration**
- Fully motorized Intelligent Lens System (ILS™)

**Lenses**
- 1.05:1 / 1.20-1.75:1 / 1.39-1.9:1 / 1.5-2.2:1 / 1.75-2.4:1 / 1.9-3.0:1

**Power Input Requirements**
- Input A: 200-240 VAC @ 50-60Hz, 12A max
- Input B (UPS Input): 100-240VAC @ 50-60Hz, 10A max

**Cooling**
- Liquid pressurized/TEC, self-contained
- Heat extraction optional
- Room heat load w/o extraction: 5118 BTU/hr

**Power Consumption**
- 1480W, max DCI brightness, @25°C 5050 BTU/hr

**Laser Class**
- 1480W, max DCI brightness, @25°C 5050 BTU/hr

**Dimensions (w/o Lens)**
- 42.6 x 25.0 x 13.3” (1083 x 635 x 337mm)

**Accessories**
- Christie IMB-S3
- NAS-S3 5.4TB storage
- Rack mount pedestal
- Rack mount pedestal adaptor
- Extraction duct adapter

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1. Subject to variables specific to each installation. Please see Christie’s laser best practices guide for more information.
2. Supports 3rd party IMB models from Dolby, GDC and others. Please contact Christie for updated compatibility list.
3. Supports most conventional 3D systems except “color-separation” based 3D (i.e. 6P). Visit the website for more information.