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CP2000-ZX

Compact and Cost-effective Digital Cinema

Uses

Cinema/exhibition

Post-production

Digital mastering

Multi-media theatrical productions

Digital intermediate

The latest addition to Christie's world-renowned CP Series; the Christie CP2000-ZX is an all-in-one Digital Cinema projection solution. Designed for mid-sized screens – it's the brightest, highest performance projector with the lowest operating costs in its class.

Featuring a universal switching power supply for the lowest ripple, maximum performance and reliability, the Christie CP2000-ZX is up to 50% smaller by volume, yet brighter than the competition.

The ergonomic design offers simplicity of use in a robust and reliable package. The lens mount design is stable and solid. With improved airflow and better cooling, the CP2000-ZX promotes longer lamp life.

Expanding the Christie Digital Cinema projection family, the CP2000-ZX is built on 2K, 3-chip DLP Cinema® technology, featuring a contrast ratio greater than 2000:1 and reproduces 35.2 trillion colors.

Christie's Digital Cinema solutions speak directly to exhibitors' requirements – high performance and cost-effective. Easy to use, easy to install and easy to own.

Christie CP2000-ZX

Specifications

Built on 2K, 3-chip DLP Cinema® technology



The Christie CP2000-ZX is the most cost-effective solution for exhibitors with medium-sized screens.

With built in web services you can use a web browser from any computer in the building to control the projector.



CONTRAST RATIO

- >2000:1 full field on/off

BRIGHTNESS UNIFORMITY

- >80% when displaying full white screen

TI DLP CINEMA™ TECHNOLOGY

- CineBlack™ Contrast Management
- CineCanvas™ Image Management
- CineLink™ Security Management
- CinePalette™ Color Management

DIGITAL MICROMIRROR DEVICE™

- 2K 3-chip DMD DLP Cinema®
- 2048 x 1080 pixels

INPUT LINE VOLTAGE

- Single phase 200–230 VAC (nominal)

COLOR PROCESSING (BIT DEPTH)

- 45-bit (3 x 15-bit resolution)

NUMBER OF COLORS

- 35.2 trillion

DIGITAL VIDEO INPUT

- Two SMPTE 292M; dual or single

GRAPHICS INPUT

- Two DVI interfaces (HDCP compliant)

POWER SUPPLY

- 1–3 kW low-ripple switch mode lamp ballast

ZOOM LENSES

- 1.25–1.45:1, 1.45–1.8:1, 1.8–2.4:1, 2.2–3.0:1, 3.0–4.3:1, 4.3–6.0:1, 5.5–8.5:1
- Available in High Brightness or High Contrast versions

LENSES (OPTIONAL)

- 1.26x Anamorphic Lens*
- Motorized mount

REFLECTOR

- F/1.5 High-Performance Compound Glass Reflector with integrated cold mirror

SAFETY INTERLOCKS

- Lamp Access Door, rear intake vent, extraction port, cable-connected lamp ballast

DOUSER

- Electronic douser – quick and quiet operation

3-AXIS (X, Y + Z) AUTOMATIC LAMP ALIGNMENT

- Christie LampLOC™
- Christie LiteLOC™
- Christie HalfLITE™

AMBIENT TEMPERATURE

- 10–35°C (50–95°F)

DIMENSIONS

- Projection head & ballast (approx., L x W x H) 42" x 25" x 16"

WEIGHT

- As installed: 260 lb max
- As shipped with packaging: 300 lb max

*Use of anamorphic lens requires motorized anamorphic lens mount added to front of the head

The Control Display Panel (CDP™) provides local control of the projector for set up and daily operation.

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BRIGHTNESS (MEASURED AT SCREEN CENTER)

Lamp	Nominal	Screen Size
2.0 kW lamp (CDXL-20)	9,000 lumens	<30 ft
3.0 kW lamp (CDXL-30)	14,000 lumens	30–35 ft
3.0 kW lamp (CDXL-30SD)	17,000 lumens	35–45 ft

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