

LX120

The Brightest LCD Digital Projector

The Christie LX120 is the brightest LCD projector - bar none. With an incredible lumens and quad UHPT™ lamps, you get extremely powerful, high performance with a low operating cost. Perfect for large auditoriums and churches, executive briefing rooms and conference centers, an amazing 1300:1 contrast ratio ensures that every minute detail is sharp, clear and realistic.

The Christie LX120 gives you the connectivity to handle virtually any source and features a range of standard and optional analog and digital inputs from RGBHV through to DVI-I and HD-SDI. The Christie LX120 is compatible with standard video and HDTV formats. A complete range of optional lenses including short-throw fixed and long-throw zoom lenses with horizontal and vertical lens shift provide installation flexibility.

Configurable illumination to operate either in quad or dual lamp mode, you can maximize the lamp life and further reduce overall operating costs. As part of the Christie RoadRunner series, the Christie LX120 offers reliability, dependability and flexibility.

When you require brilliance combined with professional projection quality, the affordable Christie LX120 is your solution.



Features

- Ultra-high brightness 12,000 ANSI lumens
- High on/off contrast ratio up to 1300:1
- True XGA native resolution (1024 x 768)
- Scaling for VGA up to UXGA
- Range of optional input modules including DVI, SDI, HD-SDI
- Extensive lens suite
- Lens shift and digital keystone correction capability
- Lamp life of 1000 hours typical
- Optional ChristieNET™ connectivity for monitoring and control

Uses

- Staging applications
- Large auditoriums and churches
- Executive briefing and conference centers
- Training rooms
- Medical training theaters
- Government institutions



Auto-set, on-screen displays, LED warning indicators and auto-adjusting power with either 110V or 220V models, makes the Christie LX120 easy to use



Quad or dual-lamp mode with an outstanding 12,000 ANSI lumens and an 1300:1 contrast ratio offer failsafe operation



The Christie LX120 offers reliability, dependability and flexibility and is compatible with a full array of both video and data inputs

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Specifications

Brightness:

- 12,000 ANSI lumens (typical, quad lamp mode)
- 6,000 ANSI lumens (typical, dual lamp mode)
- Contrast Ratio: 1300:1

Resolution:

- 3-panel 1.8" LCD TFT p-Si Active Matrix with Micro Lens Array
- Native XGA 1024 x 768 resolution

Input Signal Compatibility:

- VGA through to UXGA (1600 x 1200)
- Accepts and displays all currently known DTV/HDTV formats (480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1035i)

Scan Rates:

- Horizontal – 15 to 120 kHz
- Vertical – 50 - 120 Hz
- Pixel clock – 230 MHz

Inputs:

- DVI-I
- 5 BNC: RGBHV/YPbPr
- Composite video, S-Video
- D-Sub 15
- DB9 RS-232
- Wired remote jack

Standard Accessories:

- Real Color Manager user-definable gamma software
- Wireless/wired remote controller with mouse control, laser pointer (w/batteries)
- User's manual (CD-ROM & Quick Manual)
- Computer cable (Dsub15 to Dsub15)
- AC line cord (UL/European)

Optional Accessories:

- 0.8:1, 1.2:1, 7.0:1 fixed lenses
- 1.1-1.5:1, 1.5-2.0:1, 1.3-1.8:1, 2.0-2.6:1, 2.6-3.5:1, 3.5-4.6:1, 4.6-6.0:1 zoom lenses
- ChristieNET™ networking and control system
- Ceiling mount
- Shipping case
- Lens mount adapter kit
- Dual SDI/HD-SDI module
- DVI digital interface module
- 5 BNC module
- Y/C interface module, S-video
- 15-pin sub-D interface module

Graphical User Interface:

- Auto set-up feature

- "Direct Access" intuitive user interface for complete projector control in 12 world languages
- Auto power-up feature

Optical System:

- Fast Lens Change (FLC™) mount
- Power adjustable zoom, focus
- Up/down, left/right shift
- Image elevation up to 5.7"

Lamp:

- Quad 300W lamps
- 1000 hours typical lamp life at maximum brightness
- User replaceable lamp

Power Requirements:

- Power consumption: 1800W
- Model #103-006101-01: Line voltage: 110-120 VAC, Operating current: 16A
- Model #103-007101-01: Line voltage: 220-240 VAC, Operating current: 9A

Dimensions:

- 80.3 lbs (36.5 kg)
- 22.9" W x 9.9" H x 30.8" D
- 581.2mm W x 251.5mm H x 783mm D

Operating Environment:

- Temp: 5° C to 35° C (40° F to 95° F)
- Humidity: 20 - 80% non-condensing
- Altitude: 0-2700m (0-8858 ft)

Audible Noise:

- 51dB (auto fan control noise level reduction)

Regulatory Approvals:

- FCC Class A
- EN5502 Class A, CE
- RoHS and WEEE compliant
- Model #103-006101-01: CSA 22.2 No 950, UL 1950 cUL
- Model #103-007101-01: IEC950 (EN60950)

Warranty:

- Product warranty: 2 years parts and labor (excluding lamp)
- Lamp warranty 120 days or 500 hours (whichever comes first)

