



LX32

Bright, Bold, High-Quality Images

Christie's new LX32 produces bright, bold, dramatically realistic images in a compact, flexible package. Perfect for mid-sized installations in boardrooms, meeting rooms and classrooms or anywhere – this quiet performer provides high brightness, high contrast and life-like video for your best presentations. With the optional ChristieNET™ network connectivity, the LX32 is the perfect integration solution.

The LX32 delivers 3200 ANSI lumens from a whisper-quiet package operating at only 32dB in economy mode. New progressive scan video reproduction improves the playback of moving images using a 2-3 pulldown to improve the resolution. Vertical lens shift and digital keystone correction provides picture-perfect placement of your image. Input compatibility ranges from analog and digital RGB data up to SXGA resolution and video sources from composite through 1080i HDTV. Sophisticated digital image processing ensures the images you see on screen are bright, crisp and free of noise and distortion.

At home as a fixed installation projector, the LX32 is compact and flexible enough to be an easily shared resource from across campuses or between offices. The LX32 delivers high performance, high quality and a low cost of ownership.

- 3,200 ANSI lumens
- True XGA resolution (1024 x 768)
- Contrast ratio 800:1
- Digital and analog connectivity for data and video sources
- Digital De-interlacing Technology
- Optical and digital keystone correction
- Motorized zoom, focus & lens shift (up/down)
- 3D Digital Noise Reduction (DNR)
- Progressive scan video decoding
- 32dB whisper-quiet operation with FCS linear fan control and economy mode
- Digital magnification up to x49
- Freeze frame, presentation timer
- Picture and audio mute function
- Optional zoom

APPLICATIONS

- Boardrooms, conference rooms
- Meeting rooms, auditoriums
- Training rooms, classrooms


Project. Present. Perform.

LX32 • Specifications

Brightness

- 3200 ANSI lumens
- 90% brightness uniformity

Contrast Ratio

- 800:1

Resolution

- 3 x 0.99" p-Si Active Matrix TFT LCD panels
- True XGA 1024 x 768
- 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling

- Digital scaling of VGA to SXGA resolutions
- Digital de-interlacing of STV, DTV and HDTV formats with DDT technology

Horizontal Frequency Range

- 15 to 100 kHz

Vertical Frequency Range

- 50 to 100 Hz

Dot Clock

- 140 MHz

- Progressive scan video decoder with 3D digital comb filter for Y/C separation

Enhanced Feature Set

- 3D Digital Noise Reduction
- Power zoom and focus
- Motorized lens shift (up and down)
- Digital keystone correction, +/- 30° vertical, +/- 10° horizontal
- Digital zoom and pan (Min. x1/4, Max. x49)
- Freeze Frame
- Presentation timer
- Picture and audio mute
- Linear fan control system (FCS) for quiet operation

Control/Networking

- Automatic set-up (phase/tracking/positioning)
- USB Type B
- Remote control jack
- RS232-C communications port via 8-pin mini DIN terminal
- IR remote keypad with laser pointer and mouse control
- Front and rear IR receivers

Weight & Size

- 17.1 lbs (7.8 kg) including lens
- 11.9" W x 6.3" H x 16.6" L
- 302mm W x 162mm H x 422mm L

Standard Accessories

- IR/Wired remote keypad with mouse control and laser pointer
- User manual
- Computer cable
- Mouse control cable (PS/2, Serial and MAC)
- Dust cover
- Lens cover
- AC cord x 2 (UL type and European)

Optional Accessories

- Standard lens: 1.6-2.1:1 zoom
- Medium throw 1.2-1.6:1 zoom lens
- Long throw 2.1-3.4:1 zoom lens
- Lamp module
- Ceiling mount
- Transit case
- Optional ChristieNET™ connectivity for monitoring and control

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FEATURES



- Automatic set-up and direct key functions make the LX32 easy to use.



- Compact and flexible, the LX32 delivers high performance, high quality and a low cost of ownership.



- With a wide range of input compatibility and new progressive scan video, the LX32 produces excellent image quality.

Optional Lenses

- Standard lens: 1.6-2.1:1 zoom
- Medium throw 1.2-1.6:1 zoom lens
- Long throw 2.1-3.4:1 zoom lens

Vertical Lens Shift:

- From 10:0 (up) to 1:1 on axis

Inputs

- Input 1: Digital RGB DVI-I or Analog RGB (15pin D-sub); Audio Input (1 x 3.5mm mini stereo)
- Input 2: Composite (RCA), YPbPr, and YUV video (3-RCA connection). S-Video (4 pin mini DIN). Audio Input (2x RCA L/R)
- Control Port Input: (mini DIN 8-pin x 1 USB type B x 1)

Outputs

- Two built-in 2W RMS speakers (per channel) and amplifier
- Monitor out (HD-15)

Source Compatibility

- Compatibility with VGA, SVGA, XGA, SXGA and MAC computer sources
- Accepts composite video, S-Video and component video from VCR, DVD, Laser Disc players and video cameras
- Auto detects PAL, PAL-M, PAL-N, NTSC, NTSC4.43 and SECAM video standards
- Compatible with DTV/HDTV formats 480i, 480p, 575i, 575p, 720p, 1035i and 1080i
- HDTV compatible, 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-I) compatible

Graphical User Interface

- Easy set-up and intuitive on-screen displays (OSD)
- Direct key functions
- Choice of image aspect ratios (4:3 or wide 16:9)
- Multi-language On Screen Display (OSD) (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese)

Lamp Specification

- 250W UHP lamp
- User replaceable lamp
- 1000 hours typical life

Power Requirements

- Universal power AC 100 - 240V, 50/60Hz
- Power consumption: 350W typical
- Thermal dissipation: 1194 BTU/hr
- Operating temperature: 0 - 35° C (storage -30° to 60°)
- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 32dB in economy mode, fan control system (FCS) for whisper-quiet operation

Anti-theft Security

- Compatible with Kensington® style security mechanisms

Regulatory Approval

- Complies with all relevant worldwide EMC & Safety standards
- This product complies with FCC class B, CE mark and safety requirements IEC950 (EN60950), UL1950/cUL

Warranty

- Product warranty, 2 years parts and labor (excluding lamp)
- Lamp warranty 120 days/500 hrs, whichever comes first

Reliability

- Mean time between failure (MTBF) over 30,000 hrs