



The Perfect Image for Persuasive Presentations

When your presentation needs a high brightness, high resolution display for ultimate impact, you need Christie's LX37.

Whether in a conference center, on campus or in a church – the LX37 delivers crisp, clean images that speak volumes. The LX37 is designed for high performance, portability, durability and ease of use with 3700 lumens, 1024 x 768 native resolution and a stunning 900:1 contrast ratio.

Using the latest progressive-scan video decoding, the LX37 delivers detailed, artifact-free images for brilliant presentations. Our pixel-specific, on-board color management system lets you adjust color shades independent of tint and contrast to produce a perfect image.

The LX37 offers a complete range of short and long-throw lenses and front, rear and ceiling mount orientations that let you place the projector wherever you need. Multiple inputs and outputs let you connect to any source on the market and the dual mode input/output feature allows the HD15 connector to be configured for local monitoring. Optical and digital keystone places a perfectly square image on the screen, regardless of your environment challenges. The wireless remote also operates as a wireless mouse, offering complete flexibility in any presentation.

Fully networkable, Christie's optional ChristieNET™ can connect the LX37 to any network for monitoring and control.

Best of all, you can set up the LX37 straight out of the box. The LX37 has single press menus with direct control for quick access to key functions and an intuitive graphical user interface to make navigation simple. Our Fast Lens Change (FLC) mounting system makes changing lenses easy, the motorized lens shift makes positioning your image uncomplicated and a user-replaceable lamp makes maintenance simple. A user-definable start-up screen lets you make an impression immediately.

For powerful presentations in a compact, portable solution, Christie's LX37 is the answer.

- High brightness 3700 ANSI lumens and high contrast ratio up to 900:1 for consistent image clarity for demanding video applications
- Progressive-scan video decoding electronics with automatic 3:2 pull-down for crisp video reproduction
- Lightweight and compact – portable for use as shared asset
- XGA native resolution with scaling for VGA up to UXGA for connection to most computers/laptops
- Flexible and configurable for set-up anywhere: easy to use with broad connectivity, a range of optional lenses, 31-400" diagonal image, power zoom, focus, up/down lens shift
- Optical and digital keystone correction to place a perfect image anywhere

APPLICATIONS

- Conference Centers
- Campuses
- Churches



LX37 • 38-VIV211-01

For Conference Centers, Campuses and Churches

Brightness

- 3700 ANSI lumens
- 90% brightness uniformity

Contrast Ratio

- 900:1 on/off

Resolution

- 3 x 1.3" 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 UXGA
- Digital de-interlacing of STV, DTV and HDTV formats with DDT technology

Horizontal Frequency Range

- 15 to 100kHz

Vertical Frequency Range

- 50 to 100Hz

- Compatible with DTV/HDTV formats 480i, 480p, 575i, 575p, 720p, 1035i and 1080i
- HDTV compatible 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-D) compatible, HDCP-compliant
- Video decoder with progressive scan decoding

Enhanced Feature Set

- Color Management System
- 3D digital noise reduction
- Power zoom and focus
- Motorized lens shift (up/down)
- Digital keystone correction: vertical +/- 40°, horizontal +/- 10%
- Digital zoom and pan (max. x49)
- User-definable start-up logo
- Software lock for remote and control pad operation
- Linear fan control system (FCS) for quiet operation

- Acoustic noise level: 35dBA, linear fan control system (FCS) for whisper-quiet operation

Weight & Size

- 18.5 lbs (8.4kg) without lens
- 12.6" W x 6.6" H x 16.9" L
- 319mm W x 168mm H x 429mm L

Standard Accessories

- Remote control keypad with mouse control and laser pointer (IR/Wired operation)
- User manual
- Computer cable, HD15-HD15
- MAC/VGA adapter
- Mouse control cable (PS/2, Serial and MAC)
- Dust cover
- Lens cover
- AC cord x 2 (UL and European)
- Lens adapter kit

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FEATURES



- ChristieNET™ allows you to monitor and control the LX37 independently or on a network.



- Easy to use, the LX37 has single press menus with direct access to key functions.



- Maximum input flexibility, local monitoring through HD15 connector.

Dot Clock

- 160MHz

Optional Lenses

The LX37 is lens-less configuration. Optional lenses include:

- Short throw fixed 0.8:1 lens
- Short zoom 1.3-1.8:1 lens
- Zoom 1.8-2.4:1 lens
- Long zoom 2.4-4.3:1 lens
- Ultra-long zoom 4.3-6.0:1 lens

Vertical Lens Shift

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

Inputs

- Input 1: DVI-D (24-pin, digital RGB) or HD15 (analog RGB), audio input (stereo mini-jack)
- Input 2: 5 BNC (RGBHV, YPbPr, YCbCr), audio input (stereo mini-jack)
- Input 3: RCA (Composite, YPbPr, and YCbCr), S-Video (4-pin mini DIN), audio input (2 x RCA L/R)
- Control port: 8-pin mini DIN and USB type B

Outputs

- HD15 (analog RGB),
- Audio (mini-jack, 3.5mm stereo)
- Two built-in 2W RMS speakers (per channel) and amplifier

Source Compatibility

- Compatibility with VGA, SVGA, XGA, SXGA, MAC, SUN and SGI 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

Control/Networking

- Automatic set-up (phase/tracking/positioning)
- USB Type B
- Remote control jack
- ChristieNET™ for connection to TCP/IP network
- IR remote keypad with laser pointer and mouse control
- Front and rear IR receivers

Graphical User Interface

- Easy set-up and intuitive on-screen display (OSD)
- Direct-key functions
- Image aspect ratios: Standard 4:3 or wide 16:9
- Multi-language OSD (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese/Russian)

Lamp Specification

- 300W NSH lamp
- Lamp life of 1000 hours (typical)
- User replaceable lamp

Power Requirements

- Universal power AC 100 - 240V +/- 10%, 50/60Hz
- Current rating: 5.2 Amps at 120V; 2.6 Amps at 240V
- Power consumption: 465W maximum (450W economy mode)
- Thermal dissipation: 1590 BTU/hr or 1385 BTU/hr in economy mode
- Operating temperature: 40°-95° F (5°-35° C); Storage: 14°-140°F (-10° to 60°C)
- Operating humidity: 20 - 80% (storage 0 - 90%)

Optional Accessories

- Short throw fixed 0.8:1 lens
- Short zoom 1.3-1.8:1 lens
- Zoom 1.8-2.4:1 lens
- Long zoom 2.4-4.3:1 lens
- Ultra-long zoom 4.3-6.0:1 lens
- ChristieNET™
- Lamp module
- Ceiling mount
- Shipping case
- Soft-sided carrying case
- Cover

Anti-theft Security

- Compatible with Kensington® Microsaver

Regulatory Approval

- Complies with all relevant worldwide EMC, EMI and safety standards
- The product complies with FCC Class B, CSA C22.2 No. 950, UL 1950, cUL and IEC950 (EN60950)

Warranty

- Limited warranty, 3 years parts and labor (excluding lamp)
- Lamp warranty 120 days or 500 hours (whichever comes first)

Reliability

- Mean time between failure (MTBF) over 28000 hrs