

Vivid LX33



Project your best image

The Christie Vivid LX33 is a perfect solution for mid-sized installations in boardrooms, meeting rooms and classrooms. Providing brightness and installation flexibility in a competitive package, with optional ChristieNET™ network connectivity, the LX33 is the perfect integration solution.

The LX33 delivers 3300 ANSI lumens from a whisper-quiet package operating at only 35dB in economy mode. Offered in a lens-less configuration, you select the right lens for the application. 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 UXGA 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 or a shared resource moved from across campus and between offices, the LX33 delivers high performance and low cost of ownership.

- 3300 ANSI Lumens
- True XGA resolution (1024 x 768)
- Contrast ratio 500:1
- Digital and analog connectivity for data and video sources
- Digital de-interlacing technology
- Optical and digital keystone correction
- Motorized zoom, focus and lens shift (up/down)
- 3D digital noise reduction (DNR)
- 35dB whisper-quiet operation with FCS linear fan control and economy mode
- Digital magnification up to x49 and pan
- Freeze frame, presentation timer
- Picture and audio mute function
- Suite of optional lenses and accessories

APPLICATIONS

- Boardrooms, conference rooms
- Training rooms, classrooms
- Auditoriums and churches
- Casinos, theme parks and museums


Project. Present. Perform.

Vivid LX33 • Specifications

Brightness

- 3300 ANSI lumens
- 90% brightness uniformity

Contrast Ratio

- 500:1

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

Horizontal Frequency Range

- 15 to 100kHz

- 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-D) compatible
- 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, +/- 40° vertical, +/-10% horizontal
- Digital zoom and pan (Min. x1/4, Max. x49)

- Thermal dissipation: 1297 BTU/hr or 1080 BTU/hr in economy mode
- Operating temperature: 0° - 35° C (storage -30° to 60°)
- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 39.5dBA or 35dBA in economy mode, fan control system (FCS) for whisper-quiet operation

Weight & Size

- 15.0 lbs (6.8kg) without lens
- 12.6" W x 6.6" H x 16.9" L
- 320mm W x 167mm H x 430mm L

Standard Accessories

- IR/Wired remote keypad with mouse control and laser pointer
- User manual
- Computer cable
- Mac/VGA adapter
- Mouse control cable (PS/2, Serial and MAC)
- Dust cover

FEATURES



- Input compatibility ranges from analog to digital RGB up to UXGA resolution.



- The LX33 provides brightness and installation flexibility in a portable package.



- Picture-perfect placement with vertical lens shift and digital keystone correction.

Vertical Frequency Range

- 50 to 100Hz

Dot Clock

- 160MHz

Optional Lenses:

The Vivid LX33 is offered in a lens-less configuration. Choose the lens to fit the application:

- Short throw 0.8:1 fixed lens
- Medium throw 1.3-1.8:1 zoom lens
- Standard throw 1.8-2.4:1 zoom lens
- Long throw 2.4-4.3:1 zoom lens

Vertical Lens Shift:

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

Inputs

- Input 1: Digital RGB (24-pin DVI-D) or Analog RGB (15-pin D-sub). Audio Input (1 x 3.5mm mini stereo)
- Input 2: Analog RGB with 5 BNC of RGBHV, YPbPr and YUV. Audio input (1 x 3.5mm mini stereo)
- Input 3: Composite (RCA), YPbPr, and YUV video (3 RCA connection). S-Video (4-pin mini DIN). Audio Input (2 x RCA L/R)
- Control Port Input: (8-pin mini DIN x 1 USB type B x 1)

Outputs

- Two built-in 2W RMS speakers (per channel) and amplifier

Source Compatibility

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

- 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
- LED display for diagnostics
- 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

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 (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese)

Lamp Specification

- 275W NSH lamp
- User replaceable lamp

Power Requirements

- Universal power AC 100 - 240V, 50/60Hz
- Power consumption: 380W maximum; 310W in economy mode

- Lens cover
- AC cord x 2 (UL type and European 2P plug type)

Optional Accessories

- Short throw 0.8:1 fixed lens
- Medium throw 1.3-1.8:1 zoom lens
- Standard throw 1.8-2.4:1 zoom lens
- Long throw 2.4-4.3:1 zoom lens
- Lamp module
- Ceiling mount
- Transit case
- Soft-sided carrying case
- Cover

Anti-theft Security

- Compatible with Kensington® style security mechanisms

Regulatory Approval

- Complies with all relevant worldwide EMC and safety standards
- The 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

Reliability

- Mean time between failure (MTBF) over 30000 hrs

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Designed under ISO 9001

CHRISTIE
Project. Present. Perform.