

Vivid LX41



Project your best image™

The Christie Vivid LX41 is a high-performance projector that delivers performance and quality for the most demanding presentation, integration and AV staging applications at an affordable price. Our optional ChristieNET™ connectivity module connects the LX41 to a TCP/IP network for monitoring and control.

The LX41 delivers 4100 ANSI lumens of light output from a compact, lightweight design. Unsurpassed image clarity with an incredible 800:1 contrast ratio and progressive scan video processing make the LX41 the perfect projector for installation in the largest conference and meeting rooms. Featuring digital keystone correction, vertical image shift and four optional lenses, the LX41 provides the flexibility to place a perfectly square image on the screen in any environment.

The LX41 provides outstanding image quality for both data and video sources with each pixel strictly regulated by progressive scan technology for video sources up to 1080i. Digital sources are pixel-perfect using the DVI input.

The LX41 is compatible with most digital and analog video and data formats and provides whisper-quiet (37dB), dependable operation that ensures you will project your best image, each and every time.

- 4100 ANSI lumens
- True XGA resolution (1024 x 768)
- Contrast ratio 800:1
- Digital and analog connectivity of data and video sources
- Digital de-interlacing technology
- Digital and optical keystone correction
- Motorized zoom, focus and lens shift (up/down)
- 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
- Auditoriums and churches
- Training rooms, classrooms
- Casinos, theme parks and museums


CHRISTIE
Project. Present. Perform.

Vivid LX41 • Specifications

Brightness

- 4100 ANSI Lumens
- 90% brightness uniformity

Contrast Ratio

- 800:1

Resolution

- 3 x 1.3" p-Si Active Matrix TFT LCD panels with Micro Lens Array
- 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 100 kHz

Vertical Frequency Range

- 50 to 100 Hz

- 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)
- Dual keystone correction, digital and optical +/- 40° vertical, +/- 10% horizontal
- Digital zoom and pan (Mini. x1/4, Max. x49)

- Operating temperature: 5° - 35° C (storage - 10° to 60°)
- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 39.5dBA or 35dBA in economy mode, linear fan control system (FCS) for whisper-quiet operation

Weight & Size

- 18.5lbs (8.4kg) without lens
- 12.6" W x 6.6" H x 16.9" L
- 320mm W x 167mm H x 430mm L

Standard Accessories

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

FEATURES



- Compatible with most digital and analog video and data formats.



- LX41 delivers 4100 ANSI lumens of light output from a compact, lightweight design.



- Digital keystone correction and vertical image shift at the touch of a finger.

Dot Clock

- 160 MHz

Optional Lenses

The LX41 is offered in a lens-less configuration. Choose the lens appropriate for your application:

- Short throw 0.8:1 fixed lens
- Medium throw 1.3-1.8:1 zoom lens
- Standard throw 1.8-2.1:1 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 for RGBHV, YPbPr and YUV. Audio input (1x 3.5mm mini stereo)
- Input 3: Composite (RCA), YPbPr, and YUV video (3 RCA connection). S-Video (4-pin mini DIN). Audio Input (2x 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

Network Connection

- Optional ChristieNET™ connectivity module for connection to TCP/IP network

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 display (OSD)
- Direct-key functions
- Choice of image aspect ratios (4:3 or wide 16:9)
- Multi-language OSD (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 or 310W in economy mode
- Thermal dissipation: 1297 BTU/hr or 1080 BTU/hr in economy mode

- 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 1.8-2.1:1 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

Head Offices

USA

10550 Camden Drive
Cypress, CA 90630
PH: +714-236-8610
FX: +714-503-3385
Toll free: (800) 407-7727 (NA only)
sales-us@christiedigital.com

CANADA

809 Wellington Street North
Kitchener, Ontario N2G 4Y7
PH: +519-744-8005
FX: +519-749-3136
Toll free: (800) 265-2171 (NA only)
sales-canada@christiedigital.com

Branch Offices

UNITED KINGDOM

PH: +44 118 977 8000
FX: +44 118 977 8100
sales-europe@christiedigital.com

SINGAPORE

PH: +65 6877-8737
FX: +65 6877-8747
sales-singapore@christiedigital.com

FRANCE

PH: +33 (0) 1 47 48 28 07
FX: +33 (0) 1 47 48 26 06
Mobile: +33 (0) 6 76 47 43 62
sales-france@christiedigital.com

GERMANY

PH: +49 2161 664540
FX: +49 2161 664546
sales-europe@christiedigital.com

CHINA

PH: +86 21 6278 7708
FX: +86 21 6278 7707
sales-china@christiedigital.com

Designed under ISO 9001

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