

# Vivid LX35



## Project your best image™

The Vivid LX35 is a high quality multimedia projector providing a rich blend of presentation, integration and AV staging capabilities at an affordable price.

The LX35 delivers 3500 ANSI lumens of light output and an incredible (800:1) contrast ratio for easy viewing - the LX35 is suitable for the largest meeting and conference rooms. Features such as digital and optical keystone correction and vertical image shift allow you to place a perfectly square and distortion-free image on the screen, no matter how restrictive the environment.

The LX35 offers outstanding image quality, for both video and data. Each pixel is strictly regulated using progressive video scan chip to deliver crisper moving images and using a digital visual interface (DVI) to accept data signals directly, without the loss of image quality resulting from conversion from an analog signal.

The Vivid LX35 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.

- 3500 ANSI Lumens
- True XGA resolution (1024 x 768)
- Contrast ratio (on/off) 800:1
- Digital and analog connectivity for data and video sources
- Digital de-interlacing technology
- Digital and optical keystone correction
- Motorized zoom, focus and lens shift (up/down)
- 37dB whisper-quiet operation with FCS linear fan control
- Digital magnification up to x49 and pan
- Freeze frame, presentation timer and 'no-show' mode
- Video and audio mute function
- Suite of optional accessories

## APPLICATIONS

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

  
*Project. Present. Perform.*

# Vivid LX35 • Specifications

## Brightness

- 3500 ANSI Lumens
- 90% brightness uniformity

## Contrast Ratio

- 800:1 on/off

## 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 480 30i, 480, 30p, 720 60p, 1035 30i, 1080i, 1080 30i, and 1035i
- HDTV compatible 800 TV lines horizontal resolution
- Digital Visual Interface (DVI) 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°
- Digital zoom and pan (Mini. x1/4, Max. x49)
- Freeze Frame

## Power Requirements

- Universal power AC 100 - 240V, 50/60Hz
- Power consumption: 300 W maximum
- Thermal dissipation: 1000 BTU/hr
- Operating temperature: 5° - 35° C (storage - 10° to 60°)
- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 37dB, fan control system (FCS) for quiet operation

## Weight & Size

- 18.5lbs (8.4kg)
- 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)

## 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

**CHRISTIE**  
Project. Present. Perform.

WWW.CHRISTIEDIGITAL.COM

## FEATURES



- Digital and analog connectivity for data and video sources.



- Ideal for moving across campuses and between offices.



- Full interaction and control - at the touch of a button.

## Dot Clock

- 160 MHz

## Standard Projection Lens

- Zoom lens 1.8-2.4:1 with f=48.4-62.8mm
- Lens shift up/down ratio of 10:0 to 1:1
- Image elevation adjustment 10.5°
- Screen size: 31" to 400" (0.78m to 10.16m) diagonal

## Inputs

- Input 1: Digital RGB (24-pin DVI-D) or Analog RGB (15-pin D-sub). Audio Input (1 x 3.5 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

## Source Compatibility

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

- Presentation timer
- 'No-show' mode
- Video 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 OSD (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese)

## Lamp Specification

- 200W UHP lamp
- User replaceable lamp

- Dust cover
- 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
- Long throw 2.4-4.3:1 zoom lens
- Lamp module
- Ceiling mount
- Transit case
- Soft-sided carrying case
- Cover

## 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