



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 Vivid LX35 delivers 3500 ANSI lumens of light output and incredible (800:1) contrast ratio, makes for easy viewing and the Vivid LX35 suitable for the largest meetings 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 Vivid LX35 offers outstanding image quality, for both video and data with each pixel strictly regulated using a 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.

- ▶ 3,500 ANSI Lumens
- ▶ True XGA resolution (1024 x 768)
- ▶ Contrast ratio 800:1 (on/off)
- ▶ Digital and analog connectivity for data and video sources
- ▶ Digital De-interlacing technology (DDT)
- ▶ 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 & 'no show mode'
- ▶ Video and audio mute function
- ▶ Suite of optional lenses

Brightness

- ▶ 3500 ANSI lumens
- ▶ 90% brightness uniformity across the screen

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 digital color processing offering 16.7 million colors.

Dynamic Scaling

- ▶ Digital scaling 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

- ▶ 160 MHz

Standard Projection Lens

- ▶ Zoom lens 1.8-2.1:1 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, YPbPr and YUV video (3 RCA connectors) S-Video (4 pin mini - DIN) Audio Input (2x RCA L/R)
- ▶ Control Port Input: (mini DIN 8-pin x1, USB type B x 1)

Outputs

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

Source Compatibility

- ▶ Compatible with VGA, SVGA, XGA, SXGA, MAC, SUN and SGI 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 480 30i, 480 30P, 720 60P, 1035 30i, 1080i, 1080 25i, and 1080 30i
- ▶ 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/down
- ▶ Dual keystone correction, digital and optical (±40°)
- ▶ Digital zoom and pan (Mini. x1/4, Max. x49)
- ▶ Freeze frame
- ▶ Presentation timer
- ▶ "No Show" mode
- ▶ Video and audio mute function
- ▶ 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 for wired keypad
- ▶ RS232-C communications port via 9-pin D-sub 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

Power Requirements

- ▶ Universal power AC 100-240V, 50/60 Hz
- ▶ Power consumption: 300W maximum
- ▶ Thermal dissipation: 1000 BTU/hr
- ▶ Operating temperature: 5 to 35° (storage -30° 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" x 6.6" x 16.9"
- ▶ 320mm x 167mm x 430mm

Standard Accessories

- ▶ IR/Wired remote keypad with mouse control and laser pointer (cable and batteries included)
- ▶ User's manual
- ▶ Computer cable (Dsub15-Dsub15)
- ▶ MAC/VGA adapter
- ▶ Mouse control cable (PS/2, Serial and MAC)
- ▶ Dust cover
- ▶ Lens cover
- ▶ AC cord x 2 (UL type and European 2P plug type)

Optional Accessories

- ▶ Short Throw 0.8:1 fixed lens 38-807049-01
- ▶ Medium Throw 1.3-1.8:1 zoom lens 38-809047-01
- ▶ Long Throw 2.4-4.3:1 zoom lens 38-809048-01
- ▶ Lamp module 03-000649-01P
- ▶ Ceiling mount 38-804724-01
- ▶ Transit case 38-804722-01
- ▶ Soft-sided carrying case 38-804720-01
- ▶ Cover 38-804726-01

Regulatory Approval

- ▶ Complies with all relevant world-wide EMC & 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 (calculated MTBF, excluding lamp) 30,000 hours

Due to constant research, specifications are subject to change without notice



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