

Vivid LX20

Fixed Installations



Project your best image™

The Vivid LX20 is a high-quality multimedia projector delivering outstanding presentation performance in a compact, lightweight, and robust package.

Ideal for small to medium-sized meeting rooms, classrooms and mobile presenters, the Vivid LX20 accepts data, graphics and video inputs for use in front, rear and ceiling-mounted projection and screen sizes from 31" to 300" diagonal. The Vivid LX20 features auto-setup functionality allowing fast plug & play set-up to RGB computer signals (VGA to SXGA) and uses a digital visual interface (DVI) to offer picture-perfect digital connectivity to computer video cards, composite video, s-video and component video inputs.

The Vivid LX20 outputs at an incredible 2000 ANSI lumens, the best in class for its size and weight, combined with functions such as digital scaling, digital keystone and power zoom & focus to perfectly place a bright and crisp projected image. The feature-rich Vivid LX20 offers the professional mastery over their presentation material. Using functions like digital magnification, freeze-frame, presentation timer and video & audio mute you can be sure your presentation is delivered with the greatest impact and control.

The Vivid LX20 is cased in a stylish and sleek magnesium alloy making for a lightweight yet durable projector. Weighing in at just 8.6lbs the Vivid LX20 is the ideal aid for the travelling presenter and letting you present with confidence.

- ▶ 2,000 ANSI Lumens
- ▶ True XGA resolution (1024 x 768)
- ▶ Contrast ratio 350:1 (on/off)
- ▶ Digital and analog connectivity for data and video sources
- ▶ DTV and HDTV compatibility
- ▶ Robust magnesium alloy case
- ▶ Motorized zoom and focus
- ▶ Component input for DVD
- ▶ Digital keystone correction and scaling
- ▶ Quiet operation - only 37dB
- ▶ Incredibly lightweight, 8.6lbs
- ▶ Intuitive on-screen displays (OSD)

Brightness

- ▶ 2000 ANSI lumens
- ▶ 85% brightness uniformity across the screen

Contrast Ratio

- ▶ 350:1 on/off

Resolution

- ▶ 3 x 0.9" p-Si Active Matrix TFT LCD panels
- ▶ 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 HDTV with DDT technology

Horizontal Frequency Range

- ▶ 15 to 100 kHz

Vertical Frequency Range

- ▶ 50 to 100 Hz

Dot Clock

- ▶ 140 MHz

Standard Projection Lens

- ▶ Zoom lens 1.7-2.0:1 with f=38mm - 48mm
- ▶ Screen size: 31" to 300" (0.78m to 7.6m) 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: Composite, YPbPr and YUV video (3 RCA connectors) S-Video (4 pin mini - DIN) Audio Input (2 x RCA L/R)
- ▶ Control Port Input: (mini DIN 8-pin x1, USB type B x 1)

Outputs

- ▶ Single built-in 1W speaker
- ▶ Audio output RCA x2

Source Compatibility

- ▶ Compatible with VGA, SVGA, XGA, SXGA and MAC, 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, 720p, 720 60P, 1035 30i, 1080i, 1080 25i, 1080 30i and 1035i
- ▶ HDTV compatible, 800 TV lines horizontal resolution
- ▶ Digital Visual Interface (DVI) compatible

Enhanced Feature Set

- ▶ Power zoom and focus
- ▶ Digital keystone correction, (±20°)
- ▶ Digital zoom and pan (Mini. x1/4, Max. x49)
- ▶ Freeze frame
- ▶ Presentation timer
- ▶ "No Show" mode
- ▶ Video and audio mute function

Control / Networking

- ▶ Automatic set-up (phase/tracking/positioning)
- ▶ Progressive scanning
- ▶ USB Type-B
- ▶ LED display for diagnostics
- ▶ RS232-C communications port via 9-pin D-sub terminal

- ▶ IR remote keypad with mouse, laser-pointer and trackpad mouse control
- ▶ Front and rear IR receivers
- ▶ PS/2 mouse control

Graphical User Interface

- ▶ Easy set-up and intuitive on screen displays (OSD)
- ▶ Direct key status function
- ▶ 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 100-240 auto switching, 50/60 Hz
- ▶ Operating Voltage: 90 – 264V (100 –120V/200 – 240V ±10%)
- ▶ Power consumption: 300W maximum
- ▶ Thermal dissipation: 1000 BTU/hr
- ▶ Operating temperature: 5 to 35° (storage –10 to 60°)
- ▶ Operating humidity: 20-80% (storage 0-90%)
- ▶ Acoustic noise level: 37dB, fan control system (FCS) for quiet operation

Weight & Size

- ▶ 8.6lbs (3.9kg)
- ▶ 13.1" x 3.5" x 9"
- ▶ 333mm x 89.5mm x 230.5mm

Standard Accessories

- ▶ IR remote with trackpad mouse control
- ▶ Soft-sided carrying case
- ▶ 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

- ▶ Lamp module 200W UHP 03-000648-01P
- ▶ Ceiling mount 38-804723-01
- ▶ Transit case 38-804721-01
- ▶ Cover 38-804726-01

Regulatory Approval

- ▶ Complies with all relevant world-wide EMC & Safety standards
- ▶ The product complies with FCC Class A, 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) over 30,000 hours

ISO 9001-1994



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



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