

Vivid LX20



Project your best image™

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

Ideal for small to medium-sized meeting rooms, classrooms and mobile presentations, the 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 LX20 features auto set-up functionality allowing fast plug and 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 LX20 outputs at an incredible 2000 ANSI lumens, the best in class for size and weight, combined with functions such as digital scaling, digital keystone, power-zoom and focus to perfectly place a bright and crisp projected image. The feature-rich LX20 offers professional mastery over presentation material. Using functions like digital magnification, freeze-frame, presentation timer and video and audio mute you can be sure your presentation is delivered with the greatest impact and control.

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

- 2000 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, only 8.6 lbs
- Intuitive on-screen displays (OSD)

APPLICATIONS

- Boardrooms, conference rooms
- Design centers
- Training rooms, classrooms
- Information displays


Project. Present. Perform.

Vivid LX20 • Specifications

Brightness

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

Contrast Ratio

- 350:1 on/off

Resolution

- True XGA 1024 x 768
- 3 x p-Si active Matrix TFT LCD panels
- 8-bit digital color processing offering 16.7 million colors

Dynamic Scaling

- Digital scaling of VGA to SXGA resolutions to XGA
- Digital de-interlacing of HDTV with DDT technology

Horizontal Frequency Range

- 15 to 100 kHz

Vertical Frequency Range

- 50 to 100 Hz

Source Compatibility

- Compatible with VGA, SVGA, XGA, SXGA, 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 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 (Min. x1/4, Max. x49)
- Freeze Frame
- Presentation Timer
- 'No-show' mode
- Video and audio mute function

Lamp Specification

- 200W UHP lamp
- User replaceable lamp

Power Requirements

- Universal power AC 100 - 240V, auto switching 50/60Hz
- Operating voltage: 90-264V (100-120V/200-240V +/- 10%)
- 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

Weight & Size

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

FEATURES



- *Lightweight yet durable, the LX20 features fast Plug and Play set-up.*



- *Magnesium alloy casing makes the LX20 an excellent travelling sales companion.*



- *The LX20 features auto set-up functionality for RGB computer signals and picture-perfect digital connectivity.*

Dot Clock

- 140 MHz

Standard Projection Lens

- Zoom lens 2.0-2.6:1 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 (RCA), 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

- Single built in 1-way speaker
- Audio output RCA x2 (L/R)

Control/Networking

- Automatic set-up (phase/tracking/positioning)
- Progressive scanning
- USB Type-B
- LED display for diagnostics
- RS232-C communications port via 8-pin mini Din terminal
- IR remote keypad with mouse, laser pointer and track pad 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)

Optional Accessories

- Lamp module 200W UHP
- Ceiling mount
- Transit case
- Cover

Regulatory Approval

- Complies with all relevant worldwide EMC and Safety standards
- The product complies with FCC Class A, CE mark and safety requirements IE950 (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


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Project. Present. Perform.