



Project your best image™

Vivid Red is a true SXGA capable, high quality multimedia projector that delivers brilliantly vivid images to meet the increasing demand for high-resolution presentations today and in the future.

Vivid Red utilizes D-ILA™ reflective LCD panel technology, to provide the optimum combination of brightness, contrast and resolution performance. Offering SXGA+ (1365 x 1024), the Vivid Red effortlessly handles the detail of native SXGA images typically generated by high-resolution workstations, CAD/CAM and other computer graphics software without resorting to compression and suffering the loss of image quality due to resizing.

The additional display capacity of the reflective panels' enables Vivid Red to clearly display small text and icons across the entire area of the projected image and show video images (4:3 aspect ratio) with a smooth and more natural film-like quality. 1300 ANSI lumens of light output and an incredible contrast ratio of 500:1 further justifies the Vivid marque.

The Vivid Red's capabilities are not restricted to superior image performance, designed for the digital age, the projector is equipped with a direct Digital Visual Interface (DVI-D) and is DTV, HDTV and Digital RGB compatible. Plug & Play capability and an easy to use interface makes setting up your presentation quick and simple and offers you fingertip control throughout your presentation from digital zoom to digital keystone operation. Keeping you, not the technology, firmly in control.

Vivid Red – project your best image with high-resolution presentations.

- ▶ 1300 ANSI lumens
- ▶ SXGA+ resolution (1365 x 1024)
- ▶ 1500 hours lamp life (typical)
- ▶ Built-in Digital Visual Interface (DVI-D)
- ▶ Contrast ratio (on/off) 500:1
- ▶ Digital keystone operation
- ▶ DTV & HDTV compatible
- ▶ Digital zoom function
- ▶ Auto setup
- ▶ Intuitive on-screen displays (OSD)
- ▶ Direct key image control
- ▶ Incredibly lightweight, only 11.5lbs

Brightness

- ▶ 1300 ANSI lumens
- ▶ Over 80% brightness uniformity across the screen

Contrast Ratio

- ▶ 500:1 on/off

Resolution

- ▶ 3 0.9" reflective (LCOS) D-ILA™ panels
- ▶ SXGA+ resolution 1365x1024
- ▶ 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling

- ▶ Digital scaling of VGA to UXGA resolutions
- ▶ Digital de-interlacing of DTV and HDTV formats

Horizontal Frequency Range

- ▶ 15 to 100 kHz

Vertical Frequency Range

- ▶ 50 to 100 Hz

Dot Clock

- ▶ 162 MHz

Standard Projection Lens

- ▶ zoom lens 1.8-2.4:1 with f=36-45mm
- ▶ Manual zoom / focus
- ▶ Screen size 30" to 300" (0.76m to 7.62m) diagonal
- ▶ 3.3' to 39.4' (1.0m to 12m) throw distance with standard zoom lens
- ▶ Lens zoom ratio 1.3-1

Inputs

- ▶ Input 1: Analog RGB (15 pin HD-sub)
- ▶ Input 2: Analog RGB with 5 BNC for RGBHV/YPbPr
- ▶ Input 3: Digital RGB (24 pin DVI-D)
- ▶ Input 4: Composite video (RCA)
- ▶ Input 5: S-video (4 pin mini-DIN)
- ▶ Audio Input: RCA x 2, mini stereo jack x 1

Outputs

- ▶ Two built-in 2W speakers
- ▶ Audio stereo output: 1 x 3.5 mini jack

Source Compatibility

- ▶ Compatible with VGA, SVGA, XGA, SXGA, UXGA, 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 and SECAM video standards
- ▶ Compatible with DTV / HDTV formats
- ▶ Multi-standard video decoder

Enhanced Feature set

- ▶ Direct key operation for volume, zoom/pan and keystone
- ▶ Digital zoom function
- ▶ Video and audio mute
- ▶ Color temperature 6500 +/- 1000K
- ▶ Front and Rear Projection
- ▶ Digital keystone feature, +/- 40 degrees
- ▶ Auto power-up and lamp-off functions
- ▶ Built-in security slot
- ▶ Quick-release adjustable feet
- ▶ Built-in lamp timer, tracks lamp usage

Control / Networking

- ▶ Auto Set-up (Phase/Tracking/Position)
- ▶ IR Remote keypad
- ▶ Front and rear IR receivers

- ▶ LED display for diagnostics
- ▶ RS232 communications port via 9-pin D-sub terminal
- ▶ Remote mouse control via PS/2 port

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)
- ▶ Menus can be displayed in 5 languages (English, French, German, Spanish and Chinese)

Lamp specification

- ▶ 200W UHP lamp
- ▶ 1500 hours lamp life
- ▶ User replaceable lamp

Power requirements

- ▶ Universal power AC 100-240V, 50/60 Hz
- ▶ Operating current: 3.8A at 100 VAC and 1.4A max at 240 VAC
- ▶ Power consumption : 380W maximum
- ▶ Thermal dissipation : 1290 BTU/hr
- ▶ Operating temperature: 0 to 35°C (storage -15 to 60°C)
- ▶ Operating humidity : 20 - 80% (storage 0-90%)
- ▶ Acoustic noise level 38dB

Weight and Size

- ▶ 11.5lbs (5.2Kg) approx
- ▶ 11.5" (W) x 12.7" (L) x 5.3" (H)
- ▶ 293mm (W) x 324mm (L) x 136mm (H)

Standard Accessories

- ▶ IR wireless remote with a laser pointer
- ▶ Power cable
- ▶ RGB cable (15 pin HD-sub)
- ▶ Lens protection cap
- ▶ User's manual
- ▶ Audio / video cable
- ▶ DVI cable
- ▶ MAC adapter
- ▶ Audio dual male RCA to female 3.5mm adapter
- ▶ USB to PS/2 adapter
- ▶ Warranty card

Optional Accessories

- ▶ Lamp box

Regulatory Approvals

- ▶ Complies with all relevant world-wide EMC and safety standards
- ▶ The product complies with FCC Class B and EN55022 Class B requirements

Warranty

- ▶ Product warranty, 2 years parts and labor (excluding lamp)
- ▶ 120 day lamp warranty

Reliability

- ▶ Mean time between failures (MTBF) 30,000 hours

ISO 9001-1994



Due to constant research, specifications are subject to change without notice
D-ILA™ technology is a trademark of Victor Company of Japan, Limited (JVC)



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