



## Project your best image™

Vivid Blue is a high quality multimedia projector that delivers startling bright and vivid images, the ideal projector for large audience presentations.

Vivid Blue gives the professional presenter and facilities manager access to high brightness and high impact presentations. The Vivid Blue utilizes a dual lamp system allowing you to choose between 5800 ANSI lumens or 2900 ANSI lumens (in single lamp mode) for those occasions where you are addressing a smaller audience. The same system offers lamp redundancy and failsafe operation, allowing you to deliver key communication without interruption.

Despite this unprecedented level of brightness and projection power, Vivid Blue incorporates an extensive feature-set, delivering the control and connectivity of a multimedia tool designed for a digital age. An integral Digital Visual Interface (DVI) and compatibility with both DTV and HDTV, allows you to project the highest quality sources. While digital keystoneing, power lens shift, image elevation control and a PC "total dot" adjustment permits the presenter to perfectly project and position both video and data content – as he or she wishes.

Thankfully such a sophisticated system is simply managed. An intuitive on-screen display menu and control via remote control or direct-key access gives the professional presenter full control over the projector's motorized zoom, shift and focus functions and with features such as digital magnification, picture freeze and a no-show mode - full control of the presentation too.

Vivid Blue, power and performance – mastered.

- ▶ 5800 ANSI lumens maximum
- ▶ 2 lamp system - dual or single lamp mode
- ▶ Lamp redundancy and failsafe operation
- ▶ True SXGA resolution (1280 x 1024)
- ▶ Digital Visual Interface (DVI)
- ▶ DTV & HDTV compatible
- ▶ Digital keystoneing and image elevation
- ▶ Motorized zoom, focus and lens shift (up/down)
- ▶ Optional lens suite of short, medium and long - fixed & zoom lenses
- ▶ Picture Freeze function
- ▶ Digital magnification x1/4 to x49
- ▶ No show mode and on-screen user-logo display

**Brightness**

- ▶ 5800 ANSI lumens maximum (using 2-lamp mode)
- ▶ 2900 ANSI lumens maximum (using 1-lamp mode)
- ▶ 85% brightness uniformity

**Contrast Ratio**

- ▶ 700:1 on/off

**Resolution**

- ▶ 3 x 1.8" p-Si Active Matrix TFT High Aperture LCD panels
- ▶ True SXGA resolution (1280 x 1024)
- ▶ 8-bit color resolution offering 16.7 million displayable colors

**Dynamic Scaling**

- ▶ Digital scaling of VGA to UXGA resolutions to SXGA
- ▶ Digital de-interlacing of STV, DTV, HDTV formats with Digital Interpolation Technology (DIT)

**Horizontal Frequency Range**

- ▶ 15 to 120kHz
- ▶ Automatic frequency control

**Vertical Frequency Range**

- ▶ 50 to 120Hz
- ▶ Automatic frequency control

**Dot Clock**

- ▶ 230MHz

**Projection Lens**

- ▶ A full suite of short/medium/long fixed and zoom optional lenses
- ▶ Power Lens Shift U/D ratio of 10:0-0:10 or 8:1-1:8
- ▶ Image Elevation Adjustment: Up 6.9°
- ▶ Screen Size 40" - 600" (0.15 to 15.24m) diagonal

**Modular Inputs**

- ▶ Input 1: Signal - Digital Visual Interface (DVI-I x 1)  
Audio - RCA x 2 (R, L-mono)  
Control - Mini DIN8-pin x 1
- ▶ Input 2: Signal - BNC x 5 (R,G,B,H,V and Y, Pb/Cb, Pr/Cr)  
Audio - RCA x 2 (R, L-mono)  
Control - Mini DIN8-pin x 1
- ▶ Input 3: Signal - BNC x 2 (Composite and S-Video Y, C)  
Signal - Mini DIN 4-pin S-Video  
Audio - RCA x 2 (R,L - Mono)

**Outputs**

- ▶ Two built-in 3W speakers (per channel) and amplifier
- ▶ Audio output RCA x 2

**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, 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**

- ▶ 3-D Digital Noise Reduction
- ▶ 2-Lamp or 1-Lamp mode, user-selectable from menu
- ▶ Motorized zoom and focus
- ▶ Motorized lens shift (up & down)
- ▶ Picture freeze function
- ▶ No show mode function
- ▶ Digital zoom function (Mini. x1/4, Max. x49)
- ▶ Digital keystone function (±30°)
- ▶ Power management function
- ▶ Audio mute
- ▶ Presentation timer

**Control / Networking**

- ▶ Automatic Multi-Scanning Set-up System (AMSS) (Phase/Tracking/Position)
- ▶ Progressive scanning
- ▶ USB Type-B

- ▶ Remote control jack
- ▶ RS232-C communications port via 9-pin D-sub terminals (in/out)
- ▶ Wired remote control (in / out)
- ▶ IR remote keypad with mouse and laser pointer
- ▶ Front and rear IR receivers
- ▶ Remote 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)
- ▶ Blue back display
- ▶ Standby on-screen logo display (30 second duration)
- ▶ Signal reverse scans function (Left/Right and Top/Bottom) for front, rear and inverted projection

**Lamp Specifications**

- ▶ Two 200W UHP lamps
- ▶ 1000 hours lamp life at maximum brightness
- ▶ Lamp life warning indicators
- ▶ User replaceable lamps

**Power Requirements**

- ▶ Universal power AC 100-240V, 50/60 Hz
- ▶ Operating Voltage: 90-264V (100-120V/200-240V ±10%)
- ▶ Power consumption: 660W maximum
- ▶ Thermal dissipation: 2240 BTU/hr
- ▶ Operating temperature: 5 to 35° (storage: -10 to 60°)
- ▶ Operating humidity: 20-80% (storage 0-90%)
- ▶ Acoustic noise level: 45dBA (Auto fan control for noise level reduction)

**Weight and Size**

- ▶ 45.2lbs (20.5 kg)
- ▶ 17.3" (W) x 8.9" (H) x 23.8" (D)
- ▶ 439(W) x 230(H) x 605(D) mm

**Standard Accessories**

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

**Optional Accessories**

- ▶ Short Throw 0.8:1 fixed lens
- ▶ Short Throw 1.2:1 fixed lens
- ▶ Short Throw 1.3-1.8:1 zoom lens
- ▶ Medium Throw 1.8-2.9:1 zoom lens
- ▶ Medium Throw 2.0-2.6:1 zoom lens
- ▶ Medium Throw 2.6-3.5:1 zoom lens
- ▶ Long Throw 3.5-4.6:1 zoom lens
- ▶ Long Throw 4.6-6.0:1 zoom lens
- ▶ Long Throw 7.0:1 fixed lens
- ▶ Digital Visual Interface (DVI) module
- ▶ 5BNC interface module
- ▶ Y/C interface module
- ▶ Dsub-15 interface module

- ▶ Digital HD-SDI interface module
- ▶ Lamp Module
- ▶ Transit Case

**Regulatory Approvals**

- ▶ 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)
- ▶ 120 days lamp warranty

**Reliability**

- ▶ Mean time between failures (MTBF) over 28,000 hours

ISO 9001-1994



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



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