Project your best image™

Vivid Green is a high-quality multimedia projector that delivers brilliantly vivid images with unrivalled connectivity to the peripherals that help to make a professional presentation in a digital age.

Vivid Green sets the standard for display solutions for conference rooms, meeting rooms, training facilities and other professional presentation environments. This affordable solution offers levels of brightness, image quality and compatibility that make it a better value proposition than other projectors in its class. And with its compact and light-weight design, Vivid Green can be easily moved between presentation rooms, making it an effective shared resource.

Everything about Vivid Green's operation has been designed to reduce set-up times from Autopower and Auto-setup (with memory recall for four user-defined display settings), direct-key image positioning, and on-screen display (OSD) menus to quick-release feet. And features such as pan, digital zoom (up to 5 times), video mute, audio mute and a fully-adjustable sound menu ensure that Vivid Green is an exceptionally easy-to-use projector.

Vivid Green also proves that class-leading performance needn't be sacrificed for a comprehensive feature-set. Up to 3600 ANSI lumens from a package weighing just 17.2 lbs (an incredible 210 lumens per pound) produces stunning images for screen sizes from 31" to 300". Vivid Green's unique dual keystone ability (combining both optical and electronic corrections) ensures the image you project is perfectly square and distortion-free.

Vivid Green auto-detects all major PC / Mac sources, video standards, the latest DTV and HDTV formats and the new Digital RGB source with direct Digital Visual Interface (DVI-D). This effortless connectivity and compatibility stretches to the control of the Vivid Green system itself via the RS232C communication port-keeping you, not the technology, in control and projecting your best image.

▶ 3600 ANSI lumens max

▶ True XGA resolution (1024 x 768)

▶ Dual keystone operation

▶ Contrast ratio over 300:1

▶ 4 display memory settings

▶ Direct key image control

▶ Intuitive on-screen displays (OSD)

▶ Brightness saving mode

▶ Power zoom & focus

▶ Digital pan & zoom (x 5 times)

▶ Built-in Digital Visual Interface (DVI-D)

▶ Digital scaling of VGA – UXGA resolutions to XGA

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DIGITAL SYSTEMS

Vivid Green

Fixed Installations

Brightness
▶ 3600 ANSI lumens max (3000 ANSI lumens typical)
▶ Over 80% brightness uniformity across the screen
▶ Low brightness mode reduces brightness by up to 20%

Contrast Ratio
▶ Over 300:1 on/off

Resolution
▶ 3 1.3" p-Si Active Matrix TFT High Aperture LCD panels with Micro Lens Array
▶ True XGA 1024 x 768
▶ 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling
▶ Digital scaling of VGA – UXGA resolutions to XGA
▶ Digital de-interlacing of STV, DTV and HDTV formats

Inputs
▶ Input 1: Digital RGB (24 pin DVI-D) or Analog RGB (15 pin D-sub)
▶ Input 2: Analog RGB (15 pin D-sub)
▶ Input 3: Analog RGB with 5 BNC for RGBHV, YPbPr, YCbCr and YUV
▶ Input 4: Composite video (RCA) or S-Video (4 pin mini-DIN)
▶ Audio stereo connectors for each input (3 x 3.5 mini stereo, 1 x L/R RCA)

Outputs
▶ Analog RGB (15 pin D-sub)
▶ Audio stereo (3.5 mini stereo)
▶ Two built-in 3W speakers (per channel)

Enhanced Feature set
▶ Direct key operation for volume, zoom, focus and keystone
▶ Digital zoom can magnify image by 2 to 5 times with ability to pan
▶ Video and audio mute
▶ Color temperature adjustment: 6500 +/- 1500K with 10 factory presets
▶ Front and Rear Projection
▶ Built-in lamp timer tracks lamp usage
▶ Dual keystone feature, digital keystone +/- 40 degrees and manual lens shift
▶ Quick-release adjustable feet
▶ Auto power-up and lamp-off functions

Control / Networking
▶ Auto Set-up (Phase/Tracking/Position)
▶ RS-232C communications port via 9 pin D-sub terminal
▶ Wired remote allows control from up to 20m from the projector
▶ IR Remote keypad with mouse and laser pointer

Lamp specification
▶ 250W NSH Ushio lamp
▶ Over 1500 hours lamp life
▶ User replaceable lamp

Power requirements
▶ Universal power AC 100-240V, 50/60 Hz
▶ Operating current: 4.5A at 100 VAC and 2A at 240 VAC
▶ Power consumption : 380W maximum
▶ Thermal dissipation : 1290 BTU/hr
▶ Operating temperature: 5 to 40°C (storage –15 to 60°C)
▶ Operating humidity : 20 – 85% (storage 0-95%)
▶ Acoustic noise level 42dB

Optional Accessories
▶ Wired remote control cable
▶ Lamp box

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

Horizontal Frequency Range
▶ 15 to 100 kHz

Vertical Frequency Range
▶ 50 to 85 Hz

Dot Clock
▶ 160 MHz (compressed UXGA)

Standard Projection Lens
▶ Zoom lens 1.8-2.15:1 with f=48.4-62.9mm
▶ Power zoom / focus
▶ Lens zoom ratio 1.3:1
▶ Manual Vertical Lens offset +/- 10.8 degrees
▶ Screen size 31" to 300" (0.78m to 7.62m) diagonal
▶ 4.5' to 46.1' (1.4m to 14.1m) throw distance with standard zoom lens

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
▶ 4 user-defined display memory settings
▶ Auto-detects PAL, PAL-M, PAL-N, PAL-60, NTSC 3.58, NTSC 4.43 and SECAM video standards
▶ Compatible with DTV / HDTV formats: 480 30I, 480 30P, 720 60P, 1035 30I, 1080 25I and 1080 30I
▶ Multi-standard video decoder with 3D comb filter

▶ Front and rear IR receivers
▶ Remote mouse control via PS/2 & USB ports

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)
▶ Volume, treble and bass are independently adjustable in sound menu
▶ Menus can be displayed in 9 languages
▶ Blue or black screen can be displayed when input signal is not present

Weight and Size
▶ 17.2lbs (7.8Kg)
▶ 11" (W) x 16.8" (L) x 5.8" (H)
▶ 282mm (W) x 429mm (L) x 150mm (H)

Standard Accessories
▶ IR Wireless remote includes mouse control and built-in laser pointer (comes with 2 AA batteries)
▶ Power cable
▶ PS/2 mouse connection cable
▶ RGB 15 pin D-sub cable
▶ Lens protection cap
▶ User's manual
▶ AV cable
▶ Lamp air-filter

Warranty
▶ Product warranty, 2 years parts and labor (excluding lamp)
▶ 120 days lamp warranty

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

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

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These and other locations worldwide

North America/February 2002

WorldWide Web Address: http://www.christiedigital.com