Project your best image™

Vivid White is the flagship of Christie Digital Systems' Vivid range and represents the pinnacle of presentation performance for multimedia projection.

Vivid White uses a four lamp illumination system providing the ultimate in failsafe operation. The same system permits the user to choose between a staggering 7700 ANSI lumens (quad lamp mode) or a more conservative 3850 ANSI lumens (dual lamp mode) – offering a level of projection power normally reserved for staged events.

Incredible power – incredible resolution performance, Vivid White offers professional presenters native UXGA resolution (1600 x 1200) without compression. The Vivid White renders the most finely detailed images effortlessly, be they generated from the draughtsman's board or the computer designer's state of the art CAD/CAM software.

Vivid White incorporates an extensive feature-set, delivering unrivalled control and connectivity in a digital age. An integral Digital Visual Interface (DVI) and compatiblity with both DTV and HDTV, allows you to project the highest quality sources. While digital keystoning, lens shift (in two axes), image elevation control and a PC "total dot" adjustment permits the presenter to perfectly project and position both video and data content.

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 and focus functions and with features such as digital magnification, picture freeze and a no-show mode - full control of the presentation too.

Vivid White, ultimate power - ultimate performance.

- ▶ 7700 ANSI lumens maximum
- ▶ 4 lamp system - quad or dual lamp mode
- ▶ Lamp redundancy and failsafe operation
- ▶ True UXGA resolution (1600 x 1200)

- ▶ Digital Visual Interface (DVI)
- ▶ DTV & HDTV compatible
- ▶ Digital keystoning and image elevation
- ▶ Motorized zoom, focus and lens shift (up/down, left/right)

- ▶ 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

CHRISTIE
DIGITAL SYSTEMS

Brightness
- 7700 ANSI lumens maximum (using 4-lamp mode)
- 3850 ANSI lumens maximum (using 2-lamp mode)
- 85% brightness uniformity across screen

Contrast Ratio
- 800:1 on/off

Resolution
- 3 x 1.8" p-Si Active Matrix TFT High Aperture LCD panels
- True UXGA resolution (1600 x 1200)
- 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling
- Digital scaling of VGA to UXGA resolutions to UXGA
- 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

Standard Projection Lens
- Full suite of short/medium/long fixed and zoom optional lenses
- Lens Shift U/D ratio of 10:0 - 0:10, L/R 7:3 - 3:7
- Image Elevation Adjustment: Up 5.7°
- Screen Size: 40" - 600" (0.15m 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)
- Input 4: Signal - Dsub-15 x 1
  Audio - RCA x 2 (R, L-mono)
  Control - Mini DIN8-pin x 1

Outputs
- Two built-in 3W RMS 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, 1100 TV lines horizontal resolution
- Digital Visual Interface (DVI) compatible

Enhanced Feature Set
- 3-D Digital Noise Reduction
- 4-Lamp or 2-Lamp mode, user-selectable from menu
- Motorized zoom and focus
- Motorized lens shift (up & down, left & right)
- 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)
- Picture reverse scans function (Left/Right and Top/Bottom) for front, rear and inverted projection

Lamp Specifications
- Four 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: 1150W maximum
- Thermal dissipation: 3900 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
- 78.2lbs (35.5 kg)
- 22.9" (W) x 9.9" (H) x 31.2" (D)
- 581.2(W) x 251.5(H) x 783(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

Certificate #901

CE

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

CHRISTIE
DIGITAL SYSTEMS

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