Brightness
▶ 3000 ANSI lumens
▶ 90% brightness uniformity across the screen

Contrast Ratio (1.5-2.2:1 zoom lens)
▶ 350:1 ANSI, 400:1 full field

Resolution/Digital Processing
▶ 3 chip 0.9" DMD™, (Digital Micromirror Device) system
▶ True SXGA 1280x1024 chip resolution
▶ 13 bit user selectable gamma table
▶ More than 1 billion displayable colors

Dynamic Scaling
▶ Resizing capabilities to scale down from 1600x1200 and up from 640x480 to the SXGA resolution of DMD
▶ Independent horizontal and vertical scaling adjustment for graphics and video inputs

Horizontal Frequency Range
▶ 15 to 120 kHz

Vertical Frequency Range
▶ 24 to 120 Hz

Field Interchangeable Optional Lenses
▶ Fixed short throw lens: 1.2:1
▶ Zoom lenses: 1.5-2.2:1, 2.2-4:1, and 4-7:1
▶ Up to 130% of vertical lens offset for off-axis projection
▶ Up to 80% of horizontal lens offset
▶ Compatibility with *Vista*GRAPHX lenses: 0.8:1, 2.5-4:1, 4-7:1 (adapter required)
▶ Screen size 1.8m - 12.2m (6ft - 40ft) diagonal

Lens Mount
▶ Manual horizontal and vertical lens offset, focus and zoom adjustments
▶ Lens "bayonet-style" insertion system
▶ Lens mount tilt adjustment
▶ Built-in light shutter

Inputs
▶ Built-in RGB/YUV/YPbPr inputs allowing separate H and V syncs, composite sync and sync-on-green/luma (5 BNC connectors)
▶ Multi-standard Video Decoder Module (NTSC 3.58, NTSC 4.43, PAL, PAL 60, PAL M, PAL N, SECAM) with one composite video input (BNC and RCA connectors) and one S-video input (two BNC and 4-pin mini-DIN connectors)

▶ Built-in Audio Control Module with 4 stereo audio inputs and 1 stereo output (RCA connectors)
▶ Slot for an optional input module
▶ Full compatibility with Marquee Signal Switcher and third-party switchers

HDTV/DTV Compatibility
▶ Full HDTV/DTV compatibility on analogue RGB/YPbPr inputs
▶ Accepts 480i, 480p, 576i, 576p, 720p, 1035i, and 1080i formats at all applicable frame/field rates
▶ Accepts 1080p at 24, 25 and 30 Hz frame rates
▶ Optional HDTV Serial Digital Input Module

Various Keypads
▶ Standard hand-held IR backlit remote keypad, front and rear infrared sensors
▶ Built-in backlit keypad
▶ Optional RS422 two-way remote controller with LCD display using 6 pin XLR connector with range of 600ft (183m)
▶ Optional wired backlit remote keypad with 3 pin XLR connector

Control / Networking
▶ Third party control system and switcher compatibility
▶ Dual RS232 ports for computer control, with loop through for connection of multiple projectors
▶ Dual 6 pin XLR RS422 ports for connection of optional LCD two-way controllers and loop-through to multiple projectors up to 600ft (183m)

Diagnostics
▶ Built-in LCD diagnostic display indicates operational status and error messages
▶ Power and Status LED
▶ Full diagnostics through RS232 9 pin D connector

Graphical User Interface
▶ Auto Set-up feature
▶ "Direct Access" intuitive user interface for complete projector control in 5 world languages
▶ On screen user movable menus to fit different image aspect ratios (4:3, 5:4, 16:9, etc.)
▶ On screen help menus
▶ 100 channel memories
▶ Auto power feature

Lamp Specification/Color Temperature
▶ 700W CERMAX® Xenon illumination system
▶ Pre-aligned lamp module
▶ Constant color temperature over the lamp life
▶ Color temperature adjustment range: 3200°K to 9300°K
▶ User replaceable lamp within 5 minutes
▶ Typical lifetime: 1,000 hours

Variable Lamp Power Supply/Light Output Control (LiteLOC™)
▶ "Auto Brightness" mode to maintain constant brightness over time
▶ "Lamp Conserve" mode to extend the lamp life
▶ "Max Brightness" mode for maximum light output

Power Requirements
▶ Line voltage 100V AC to 240 VAC +/- 10% @ 50/60 Hz
▶ Power consumption: 1150 W maximum
▶ Thermal dissipation: 3950 BTU/hr
▶ Operating current: 11.5A maximum (at 100 VAC)

Weight and Size
▶ 39.9kg (88lbs)
▶ 56.6cm (W) x 76.5cm (L) x 30.2cm (H)
22.28"(W) x 30.1" (L) x 11.88" (H)

Standard Accessories
▶ IR remote keypad with batteries
▶ User's Manual with warranty card
▶ 2.44m (8ft) line cord

Optional Accessories
▶ Serial Digital Input (SMPTE 259M/CCIR 601) with loop through feature
▶ Digital HDTV Input module (with loop through feature) compatible with all known HDTV formats
▶ DVI/DFP Input module
▶ 10 bit ADP (Advanced Digital Processing) module
▶ Wired remote keypad
▶ Motorized lens mount upgrade
▶ Compatible with all Marquee Input modules
▶ RS422 Two-way remote LCD controller
▶ Replacement lamp module

▶ Remote infrared sensor
▶ Service Manual
▶ Librarian communication software
▶ Transit case

Regulatory Approvals
▶ CSA, UL and European safety approvals
▶ North American and European EMI/EMC approvals

Warranty
▶ One year parts and labor
▶ Accessories: One year

ISO 9001-1994

Certificate #001

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

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CHRISTIE
DIGITAL SYSTEMS

Locations worldwide

ImagePoint 58 Suttons Park Avenue, Reading, Berkshire, RG6 1AZ United Kingdom Tel: +44 (0) 118 926 6300 Fax: +44 (0) 118 926 6322	Hohenzollernstraße 124-126 41061 Mönchengladbach Germany Tel: +49 (0) 2161 664540 Fax: +49 (0) 2161 664546	809 Wellington Street North, Kitchener ON Canada, N2G 4Y7 Tel: +1(519) 744-8005 1-800-265-2171 Fax: +1(519) 749-3136	10550 Camden Drive, Cypress CA 90630 USA Tel: +1(714) 236-8610 1-800-407-7727 1-800-333-3816 Fax: +1(714) 503-3375	627A Aljunied Road #05-02 Biztech Centre Singapore 389842. Tel: +65 877-8737 Fax: +65 877-8747

NA/July 2001

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When image is everything…

The Vista S3 represents an evolution in projection technology. Utilising possibly the most advanced optical systems available today in conjunction with Christie Digital's superior digital processing technology, the Vista S3 promotes outstanding image performance.

At the heart of the S3 lies the very latest Digital Light Processing™ technology, a 3-chip DMD set with true SXGA resolution combines with a highly efficient 700W Xenon CERMAX® illumination system to deliver the sharpest, brightest and most faithfully reproduced images. The S3 also gives you the capability to input pixel formats with independent horizontal and vertical scaling control, this and the optional ADP (Advanced Digital Processing) module allows you to handle the most demanding projection requirements to place the perfect picture on your screen.

The S3 shares a common architecture with all other models in the Vista range. If your projection needs change, your Vista S3 system can change to meet them. The S3 can be upgraded at only an incremental cost and deliver 5000 ANSI lumens of stunning SXGA resolution images.

This compact unit weighs in at just 88lbs and the projector's simple and functional design is both practical and unobtrusive, ensuring your audience's attention remains fixed firmly on your presentations. This powerful projection system is supported by a comprehensive selection of lenses, modules and accessories making it ideal for a wide range of fixed installation applications.
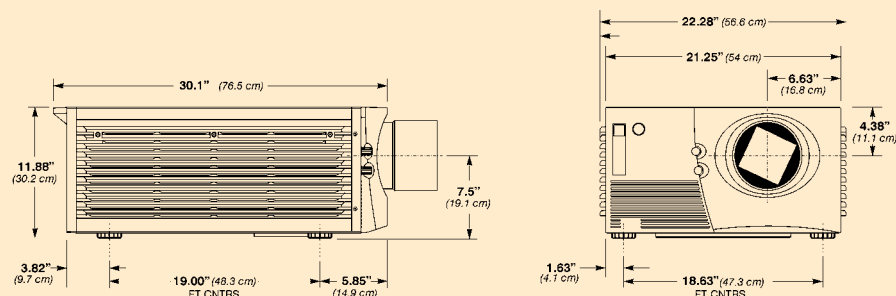
Level Three Communications - UK

Kulturkaufhaus - Berlin, Germany

NASA Space Center - USA

Emerson - USA

NDR Hannover Studio - Germany

MGM Post Production - USA

Rear view of Vista S3
showing LCD display panel and inset keypad

▶ 3000 ANSI lumens
▶ True SXGA resolution
▶ Pixel clock 160 MHz
▶ Vertical & Horizontal scaling
▶ LiteLOC™ light output control
▶ Modular architecture
▶ Superior lamp efficiency

▶ Inexpensive brightness upgrade path
▶ Compact design
▶ Adv. inverse telecine digital processing
▶ 6' to 40' diagonal image size
▶ Intuitive graphical user interface
▶ Superior image quality
▶ Xenon illumination system

30.1" (76.5 cm)
11.88" (30.2 cm)
7.5" (19.1 cm)
3.82" (9.7 cm)
19.00" (48.3 cm) FT CNTRS
5.85" (14.9 cm)

22.28" (56.6 cm)
21.25" (54 cm)
6.63" (16.8 cm)
4.38" (11.1 cm)
1.63" (4.1 cm)
18.63" (47.3 cm) FT CNTRS