

RoadRunner L8



Project Your Best Image™

With up to 7700 ANSI lumens brightness (maximum), Christie's L8 delivers brilliant images for multiple application environments including fixed installations, rental staging, business presentations and large venues.

Users can take advantage of the L8's quad lamp system to project in either 7700 or 3850 ANSI lumens brightness mode to conserve on lamp usage. As well, lamp usage can be monitored, allowing for easy administration and lamp management. And, in the unlikely event that not one or two, but three lamps fail, the quad lamp system ensures the L8 remains operational – virtually guaranteeing your presentation continues without interruption.

The L8 is compatible with the full array of video and data inputs and as a Christie projector, it is designed for the digital age. The L8 uses a Digital Visual Interface (DVI) that eliminates picture noise and signal degradation. With progressive scan video decoding with a 2:3 pull-down, there is highly improved playback of moving images. Real Color Manager software enables users to target and match the displayed color to specific gamma curves and reference monitors for real-life images. The perfect picture can be perfectly positioned using the L8's enhanced motorized lens system, for vertical and horizontal image shift, digital focus, zoom and keystone facilities.

The RoadRunner series is supported by an extensive suite of short, medium, long, fixed and zoom lenses (optional) and can be relied upon to meet the rigours of most staging environments. The robust Fast Lens Change (FLC™) mount provides no-fuss lens changes that are fast and easy to set-up. Furthermore, presentation features such as digital magnification, picture freeze and 'no-show' mode can be used to add that extra bit of showmanship for any event.

- Monitor lamp usage
- Lamp redundancy and failsafe operation
- 4 lamp system – quad or dual lamp mode
- Motorized zoom, focus and lens shift (up/down)
- DTV and HDTV compatible
- Range of optional input modules including DVI, SDI, DH-SDI
- 7700 ANSI lumens maximum
- Presentation support features
- Extensive lens suite
- True XGA resolution (1024 x 768)

APPLICATIONS

- Executive briefing and conference centers
- Auditoriums and churches
- Tradeshows, exhibitions
- Casinos, theme parks and museums


CHRISTIE
Project. Present. Perform.

RoadRunner L8 • Specifications

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 XGA 1024 x 768 chip resolution
- 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling

- Digital scaling of VGA – SXGA resolutions
- Digital de-interlacing of STV, DTV and HDTV formats with Digital Interpolation Technology (DIT) with a 2:3 pull-down

Horizontal Frequency Range

- 15 to 120kHz
- Automatic frequency control

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, 1080 25i, 1080 30i and 1035i
- HDTV compatible, 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-D) compatible

Enhanced Feature Set

- Progressive scan video decoding
- 3-D digital noise reduction
- User-selectable 4 or 2 lamp mode
- Motorized zoom and focus
- Picture freeze function
- 'No-show' mode function
- Digital zoom function (min. x1/4, max. x49)
- Digital keystone function (+/- 30 degrees)

Power Requirements

- Universal power AC 100 - 240V, 50/60Hz
- Operating voltage: 90 - 264V (100 - 120V/200 - 240V +/- 10%)
- Power consumption: 1150W maximum
- Thermal dissipation: 3900BTU/hr
- Operating temperature: 0° to 35° C (storage -15° to 60° C)
- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 45dB (auto fan control for noise level reduction)

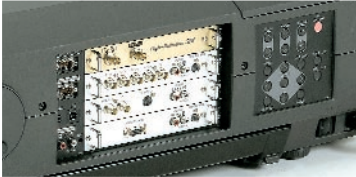
Weight and Size

- 78.2 lbs (35.5 kg)
- 22.9" W x 9.9" H x 32.2" D
- 581.2mm W x 251.5mm H x 783mm D

Standard Accessories

- Wireless/wired remote controller with mouse control and laser pointer (two "AA" type batteries and cable included)
- User manual
- Computer cable (D-sub-15 - D-sub-15)
- MAC/GA adapter

FEATURES



- The L8 is compatible with a full array of video and data sources.



- 7700 ANSI lumens and the reliability of a quad lamp system.



- Designed for the digital age, the L8 is equipped with a Digital Visual Interface to eliminate picture noise and signal degradation.

Vertical Frequency Range

- 50 to 120Hz
- Automatic frequency control

Dot Clock

- 230MHz

Standard Projection Lens

- A full suite of short/medium/long fixed and zoom optional lenses
- Fast Lens Change (FLC™) mount has power adjustable zoom, focus, up/down, left/right shift
- Lens shift U/D ratio of: 10:0 - 0:10, L/R 7:3 - 3:7
- Image elevation adjustment: up 5.7 degrees
- Screen size: 40" - 600" (0.15m to 15.24m) diagonal

Modular Inputs

- Input 1 (removable): signal – Digital Visual Interface (DVI-I x 1); audio – RCA x 2 (R, L-mono); control – 8-pin mini-DIN x 1
- Input 2 (removable): signal – BNC x 5 (R, G, B, H, V and Y, Pb/Cb, Pr/Cr); audio – RCA x 2 (R, L-mono); control – 8-pin mini-DIN x 1
- Input 3 (removable): signal – BNC x 2 (composite and S-video Y, C); signal – 4-pin MINI-DIN S-video; audio – RCA x 2 (R, L-mono);
- Input 4: signal – analog RGB – D-sub-15 x 1; audio – RCA x 2 (L, R-mono); control – 8-pin mini-DIN x 1

Outputs

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

- Power management function
- Audio mute
- Presentation timer

Control/Networking

- Automatic Multi-Scanning Set-up System (AMSS) (phase/tracking/position)
- USB Type B
- Remote control jack
- RS232-C communications port via 9-pin D-sub terminal (in/out)
- Wired remote control (in/out)
- IR Remote keypad with mouse and laser pointer
- Front and rear IR receivers
- Remote mouse control
- ChristieNET™ control and monitoring via HTML and SNMP (optional)

Graphical User Interface

- Easy set-up and intuitive multi-language on-screen displays (OSD) (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese)
- Direct-key status function
- Choice of image aspect ratios (4:3 or wide 16:9)
- Blue back display
- Standby on-screen logo display (30 second duration)
- Picture reverse scans function (left/right, top/bottom) for front, rear and inverted projection

Lamp Specification

- Four 200W UHP lamps
- 1000 hours typical lamp life
- Lamp life warning indicators
- User replaceable lamps

- 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, 1.2:1 fixed, 1.3-1.8:1 zoom
- Medium throw: 1.8-2.9:1, 2.6-3.5:1
- Long throw: 3.5-4.6:1, 4.6-6.0:1 zoom, 7.0:1 fixed zoom
- Digital Visual Interface (DVI) module
- 5BNC interface module
- Y/C interface module
- D-sub-15 interface module
- Digital HD-SDI interface module
- SDI serial digital interface module
- 10-bit Faroudja input module
- Lamp module
- Transit case

Regulatory Approvals

- Complies with all relevant world-wide EMC and 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)
- Lamp warranty 120 days

Reliability

- Mean time between failure (MTBF) over 19000 hrs

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Designed under ISO 9001

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