making 'LIVE' easier…

The L8 forms part of Christie Digital Systems' Roadrunner series, offering powerful purpose-built projectors for the rental staging community and low-cost access to Christie Digital's renown staging technology.

The L8 utilizes a quad lamp system to offer projection modes of either 7700 or 3850 ANSI lumens brightness in either quad or dual lamp mode respectively. This feature not only increases the utility of the projector for hire companies, who can rent out the L8 at rates appropriate to each mode, but since the lamp usage of the L8 can be monitored - rental and hire companies can administer lamp management programs more effectively. More importantly for your clients, in the extremely unlikely event that not one or two but three lamps fail, the Roadrunner L8's quad lamp system would ensure the L8 remains operational - virtually guaranteeing that your clients can hire the L8 free from worry over lamp failure.

The Roadrunner L8 is compatible with the full array of video and data inputs, and as a Christie Digital projector it is designed for a Digital age. The L8 uses a Digital Visual Interface (DVI) that eliminates picture noise and signal degradation. The perfect picture can be perfectly positioned using the L8's enhanced motorized lens system, for image shift (in both vertical and horizontal planes), 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. 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. The on-screen logo display facility, even permits your customers to display their own logos, images or messages when a signal is not present.

The Roadrunner L8 is a versatile and affordable package that offers rental and hire companies a fully equipped staging projector capable of delivering high brightness projection to the most demanding staging scenarios.

▶ Low-cost rental staging projector

▶ True XGA resolution (1024 x 768)

▶ Extensive lens suite for Roadrunner series

▶ Presentation support features

▶ 7700 ANSI lumens maximum

▶ Digital Visual Interface (DVI)

▶ DTV & HDTV compatibility

▶ Motorized zoom, focus and lens shift (up/down, left/right)

▶ 4 lamp system (quad or dual mode)

▶ Lamp redundancy and failsafe operation

▶ Monitor lamp usage

▶ Fast return on investment

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Brightness
▶ 7700 ANSI lumens (using 4-lamp mode)
▶ 3850 ANSI lumens (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 resolution (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 with Digital Realized Interpolation Technology (DIT)

Horizontal Frequency Range
▶ 15 to 120 kHz
▶ Automatic frequency control

Vertical Frequency Range
▶ 50 to 120 Hz
▶ Automatic frequency control

Dot Clock
▶ 230MHz

Standard Projection Lens
▶ A full suite of short/medium/long fixed and zoom optional lenses
▶ Lens shift U/D ration of 10:0 - 0:10, L/R 7:3 - 3:7
▶ Image Elevation Adjustment: Up 5.7°
▶ Screen size 40" - 600" (0.15 m to 15.24) diagonal

Modular Inputs
▶ Input 1 (removable):   Signal - Digital Visual Interface (DVI-I x 1)
                          Audio - RCA x 2 (R, L-mono)
                          Control - Mini DIN8-pin 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 - Mini DIN8-pin x 1
▶ Input 3 (removable):   Signal - BNC x2 (composite and S-video Y, C)
                          Signal - Mini DIN 4-pin S-video
                          Audio - RCA x 2 (R, L-mono)
▶ Input 4 (not removable): Signal - Analog RGB - Dsub-15 x 1;
                          Audio - RCA x 2 (L, R-mono)
                          Control - Mini DIN8-pin x 1

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

Source Compatability
▶ 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 and 1080 30I and 1035I
▶ HDTV compatible, 800 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 terminal (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

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Lamp Specification
▶ Four 200W UHP lamps
▶ 1000 hours lamp life expectancy at maximum brightness
▶ Lamp life warning indicators
▶ User replaceable lamps

Power Requirements
▶ Universal power AC 100 - 240V, 50/60Hz
▶ Operating voltage: 90-264V (100-120V/200-240V +/- 10%)
▶ Power consumption: 1150W maximum
▶ Thermal dissipation: 3900 BTU/hr
▶ Operating temperature: 0 to 35° C (storage -15 to 60° C)
▶ Operating humidity: 20 - 80% (storage 0 - 90%)
▶ Acoustic noise level: 45dBA (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 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
▶ D-sub-15 interface module

▶ Digital HD-SDI interface 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)

Reliability
▶ Mean time between failure (MTBF) over 28,000 hrs

ISO 9001-1994

Certificate #801

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

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