



### making 'LIVE' easier...

The Roadrunner L6 is the entry-level solution to Christie Digital Systems portfolio of purpose-built projectors for the rental staging community. A powerful and simple to use projector, the L6 offers low-cost access to Christie Digital's staging technology.

In keeping with Christie's rental staging pedigree, the L6 takes advantage of a dual lamp system to offer the choice between projecting at either 5200 (dual lamp mode) or 2600 (single lamp mode) ANSI lumens brightness. This feature increases the utility of the projector for hire companies, who can rent the L6 at both dual and single mode rates (as lamp usage can be monitored by the projector) ensuring the L6 is always in use and making you money. More importantly for your clients, in the unlikely event that a lamp does fail, the Roadrunner's dual lamp system provides redundancy, ensuring fail-safe operation and allowing the show to continue without interruption.

The Roadrunner L6 is compatible with the full array of both video and data inputs, and as a Christie Digital projector it is designed for a Digital age. The L6 uses a Digital Visual Interface (DVI) that eliminates picture noise and signal degradation. And the perfect picture can be perfectly positioned using the Roadrunner's motorized lens, image elevation and digital keystone facilities.

Supported by an extensive suite of short, medium, long, fixed and zoom lenses (optional), the Roadrunner L6 can be relied upon to meet the demands 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 L6 is a versatile and affordable package that offers rental and hire companies a fully-equipped staging projector capable of delivering a fast return on their investment through simple dry-hire or as part of more sophisticated staging projects.

- ▶ Low-cost rental staging projector
- ▶ True XGA resolution (1024 x 768)
- ▶ Extensive lens suite for Roadrunner series
- ▶ Presentation support features
- ▶ 5200 ANSI lumens maximum
- ▶ Digital Visual Interface (DVI)
- ▶ DTV & HDTV compatibility
- ▶ Motorized zoom, focus and lens shift (up/down)
- ▶ 2 lamp system (dual or single mode)
- ▶ Lamp redundancy and failsafe operation
- ▶ Monitor lamp usage
- ▶ Fast return on investment

## Rental Staging

**Brightness**

- ▶ 5200 ANSI lumens (using 2-lamp mode)
- ▶ 2600 ANSI lumens (using 1-lamp mode)
- ▶ 85% brightness uniformity

**Contrast Ratio**

- ▶ Over 700:1 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 to UXGA resolutions to XGA
- ▶ Digital de-interlacing of STV, DTV and HDTV formats with Digital Realized Interpolation Technology (DIT)

**Horizontal Frequency**

- ▶ 15 to 120kHz
- ▶ Automatic frequency control

**Vertical Frequency**

- ▶ 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
- ▶ Power Lens Shift U/D ratio of 10:0-0:10 or 8:1-1:8
- ▶ Image Elevation Adjustment: Up 6.9°
- ▶ Screen size 40" - 600" (0.15 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 - 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)

**Outputs**

- ▶ Two built-in 3W 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, 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
- ▶ 2-lamp or 1-lamp mode, user-selectable form menu
- ▶ Motorized zoom and focus
- ▶ Motorized lens shift (up and down)
- ▶ 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
- ▶ Wire remote control
- ▶ 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 Specification**

- ▶ Two 200W UHP lamps
- ▶ 1000 hours lamp life at maximum brightness
- ▶ Lamp life warning indicators
- ▶ User replaceable lamps

**Power Requirements**

- ▶ Universal power AC 100 - 240V, 50/60Hz
- ▶ Operating voltage: 90-264V (100-120V/200-240V +/- 10%)
- ▶ Power consumption: 660 W maximum
- ▶ Thermal dissipation: 2240 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**

- ▶ 45.2 lbs (20.5 kg)
- ▶ 17.3" (W) x 8.9" (H) x 23.8" (D)
- ▶ 439mm (W) x 230mm (H) x 605mm (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 #601

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

**CHRISTIE**  
DIGITAL SYSTEMS

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