



CHRISTIE Roadster S+16K

Raising the Bar With Nearly Double the Previous Power

Uses

Rental/Staging

Executive briefings
and conference
centers

Concerts

Tradeshows and
exhibitions

Auditoriums and
churches

Casinos, theme parks
and museums

The Christie Roadster S+16K stacks up against the rigors and stress of rental/staging – redesigned with built-in handles, a new airflow design and multiple rigging points, this powerhouse is purpose-built for your exact needs. And, you can leverage legacy Christie lenses and modules, saving valuable resources.

With SXGA+ resolution and exceptional image quality from next generation DLP™ technology, high-quality optics and 10-bit image processing deliver crisp, clean images with perfect color saturation and spectacular video.

The Roadster S+16K will respond to almost any kind of control in the projection world, including RS-232, RS-422, IR remote, wired remote, direct control panel input, and over the LAN via on-board ChristeNET™.

Christie's Roadster S+16K – easy to install, easy to use, easy to maintain.



Christie Roadster S+16K

Specifications



The Roadster S+16K delivers crisp, clean images with stunning brightness and all the functionality required for large venue displays in a Roadster-sized box.

IMAGE

- 14,000 ANSI lumens (+/- 10%)
- 90% brightness uniformity
- Contrast: 450-600:1, 1500-1800:1 full field (adjustable internal aperture)

DISPLAY TECHNOLOGY AND RESOLUTION

- 3-chip 0.95" Darkchip2™ DMD
- True SXGA+ 1400 x 1050 resolution

INPUT SIGNAL COMPATIBILITY

- VGA to QXGA (2048 x 1536)
- Accepts all current HDTV/DTV formats
- Multi-standard video decoder
- Horizontal and vertical scaling, all inputs

SCAN RATES

- Horizontal – 15 kHz to 120 kHz
- Vertical – 23.97 Hz to 150 Hz

PIXEL CLOCK

- 220 MHz

LAMP

- 2.4kW Xenon Bubble lamp
- 1000 hours (typical) lifetime

LIGHT OUTPUT CONTROL (LITELOC™)

- "Auto Brightness" (Intensity), "Lamp Conserve" (Power), "Max Brightness" modes
- Built-in light shutter

POWER REQUIREMENTS

- 200 VAC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 4000W maximum
- Thermal dissipation: 13,648 BTU/hr
- Operating current: 20A @ 200V

DIMENSIONS

- (excludes lens, feet, stacking points)
- Weight: 140 lb (63.6kg)
- Shipping weight: 170 lb (77.3 kg)
- Size: 24.5" W x 32.1" L x 15.1" H (631.4mm W x 814.8mm L x 384mm H)

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A built-in LCD text display shows status and error messages; the quick change ballast, removable TIPM, field-alignable DMDs and cleanable optical engine make maintenance and serviceability simple.



Built-in stacking points and redesigned rigging points make the Christie Roadster S+16K easy to stack and rig for redundancy or increased brightness.

INPUTS, CONTROL & NETWORKING

- RGBHV/YpBPr: 5 BNC
- DVI-I: digital/analog RGB/YpBPr (HDCP)
- 1 Composite video and 1 S-Video
- Two option slots – analog/digital modules
- 2 RS-232 ports and 1 RS-422 port
- On-board ChristieNET™ connectivity (RJ-45)
- Built-in backlit keypad and IR remote control

GRAPHICAL USER INTERFACE

- Auto set-up, power-up feature
- Menus in five languages
- On-screen help
- 50 channel memories
- Picture in Picture
- Seamless switching
- Built-in edge-blending
- Comprehensive Color Adjustment (CCA™)
- Optional image warping

LENS MOUNT

- Motorized horizontal and vertical offset
- Tool-free lens insertion system
- Scheimpflug (tilt) adjustment

STANDARD ACCESSORIES

- IR keypad (w/batteries)
- Line cord
- Dual SD/HD-SDI module
- User manual

OPTIONS

- Fixed Lenses: 0.73:1, 1.2:1
- Zoom Lenses: 1.45-1.8:1, 1.8-2.5:1, 2.5-4.5:1, 4.5-7.3:1
- Manual "Legacy" lens mount
- ChristieTWIST™ Image Warping and Edge-Blending module
- Input modules – Dual SD/HD-SDI, DVI and legacy interface modules
- 10-bit video decoder module
- Wired remote control and RS-422 Two Way Controller
- Remote IR sensor
- Ethernet, RS-232 and RS-422 cables
- Service manual
- KoRE™ 10-bit librarian

OPERATING ENVIRONMENT

- Temp: 40 to 95° F (5 to 35° C)
- Humidity: 20 – 80% non-condensing
- Audible noise: 55dB
- Estimated MTBF: 25,000 hours

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC (pending)
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns

WARRANTY

- 2 years parts and labor (including light engine)



For the most current specification information, please visit www.christiedigital.com

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice.



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