

# Roadster S+16K

SXGA+ 16,000 LUMEN 3-CHIP DLP™ PROJECTOR (38-DSP214-01)



A built-in LCD text display shows status and error messages; removable TIPM and cleanable optical engine make maintenance and serviceability simple.



Dual SD/HD-SDI interface module comes standard and can be added as second optional digital input module for future expansion needs.



Delivers crisp, clean images with stunning brightness and all the functionality required for large venue displays.


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## Pure Power, 12K Brightness, in a Compact, Purpose-Built Package

### SPECIFICATIONS

#### Image

- 16,000 ANSI lumens (+/- 10%)
- 90% brightness uniformity across the screen

#### Contrast

- 1600-2000:1 full field

#### Display Technology and Resolution

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

#### Input Signal Compatibility

- VGA through 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

#### Inputs, Control and Networking

- RGBHV/YPbPr via 5 BNC
- DVI-I - digital/analog RGB/YPbPr (HDCP)
- One composite video, one S-Video
- Two option slots for analog/digital modules
- 3 RS-232 ports and 1 RS-422 port
- On-board ChristieNET™ connectivity (RJ45)
- Built-in backlit keypad and IR remote control

#### Graphical User Interface

- Auto set-up, power-up feature
- Menus in five languages

#### Proc

- Image
- Bro
- Pro
- Ler
- Try
- Rer
- Tec
- Pro
- Rel
- App
- Mo

- On-screen help
- 50 channel memories
- Optional image warping
- Built-in edge-blending
- Comprehensive Colour Adjustment (CCA™)

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**Lens Mount**

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

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**Lamp**

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

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**Light Output Control (LITELOC™)**

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

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**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

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**Dimensions**

- Weight: 135 lb (61.4 kg) (excludes lens, feet, stacking points)
- Shipping weight: 160 lb (72.7 kg) (excludes lens, feet, stacking points)
- Size: 24.5" W x 32.1" L x 15.1" H (631.4mm W x 814.8mm L x 384mm H) (excludes lens, feet, stacking points)

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**Standard Accessories**

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

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**Optional Accessories**

- 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
- Wired remote control and RS-422 two Way Controller
- Remote IR sensor
- ChristieNET™ WAVE
- ChristieNET™ WAVE DVD
- Ethernet, RS-232, RS-422 cables
- Service manual
- KoRE™ 10-bit librarian
- Lens adapter (for competitive lenses)

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**Operating Environment**

- Temp: 40 to 95° F (5 to 35° C)
- Humidity: 20 - 80% non-condensing

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**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

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**Warranty**

- 2 years parts and labour (including light engine)
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Due to constant research, specifications and features are subject to change without notice.

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