

Roadster S6



Engineered for Life on the Road

Christie's Roadster S6 has evolved.

This 92 lb powerhouse projector outputs a staggering 6000 ANSI lumens from its small frame by way of a 1200W Xenon CERMAX® illumination system. Advanced inverse telecine digital processing and uncompressed SXGA data projection delivers outstanding image performance for both video and data. The S6 promotes the highest-level of image performance.

Employing 3-chip DLP™ technology for full digital capabilities and fitted with a digital interface, the S6 can project a digital signal from source to screen without signal conversion – ensuring a 100% digitally perfect image reproduction every time.

The S6 is fitted with Christie's proprietary Intelligent Lens System (ILS™) for automatic recall of lens position and source parameters and LiteLOC™ feature for full control of the S6's programmable power supply.

The Roadster series is compatible with the widest range of sources and supported by a complete range of both fixed and zoom lenses (with bayonet-style insertion for fast lens change).

Off-set and keystone capability combines well with the systems functional, unobtrusive design and compact size making it the ideal system for stacking solutions.

Rugged, robust and reliable, the S6 takes the stress and strain out of event staging and is engineered for life on the road.

- 6000 ANSI lumens maximum
- True SXGA resolution
- Pixel clock 160MHz
- LiteLOC™ (Light Output Control)
- HDTV and DTV compatible
- Modular architecture
- Intelligent Lens System (ILS™)
- Inexpensive upgrade path
- Compact design
- Advanced inverse telecine digital processing
- 6' to 40' diagonal image size
- Intuitive graphical user interface

APPLICATIONS

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


CHRISTIE
Project. Present. Perform.

Roadster S6 • Specifications

Brightness

- 6000 ANSI lumens maximum (+/- 10%)
- 90% brightness uniformity across the screen

Contrast Ratio (1.5-2.2:1 zoom lens)

- 300:1 ANSI, 800:1 full field

Resolution/Digital Processing

- 3-chip 0.9" DMD™, (Digital Micromirror Device) system
- True SXGA 1280 x 1024 chip resolution
- 13-bit user selectable gamma table
- More than 1 billion displayable colors

Dynamic Scaling

- Resizing capabilities to scale down from 1600 x 1200 and up from 640 x 480 to SXGA resolution
- Independent horizontal and vertical scaling adjustment for graphics and video inputs

HDTV/DTV Compatibility

- Full HDTV/DTV compatibility on analog RGB/Y/PbPr inputs
- Accepts 480i, 480p, 576i, 576p, 720p, 1035i, and 1080i formats at all applicable frame/field rates
- Accepts 1080p at 24, 25 and 30Hz frame rates
- Optional HDTV Serial Digital Input Module

Various Keypads

- Standard hand-held IR backlit remote keypad, front and rear infrared sensors
- Built-in backlit keypad
- Optional RS422 two-way remote controller with LCD display using 6-pin XLR connector with range of 3000ft
- Optional wired backlit remote keypad with 3-pin XLR connector

Variable Lamp Power Supply/Light Output Control (LiteLOC™)

- "Auto Brightness" mode to maintain constant brightness over time
- "Lamp Conserve" mode to extend the lamp life
- "Max Brightness" mode for maximum light output

Power Requirements

- Line voltage: 220 VAC to 240 VAC +/- 10% @ 50/60Hz
- Power consumption: 1700W maximum
- Thermal dissipation: 5150BTU/hr
- Operating current: 8.5A maximum

Weight and Size

- 92 lbs (41.8 kg)
- 22.28" W x 30.1" L x 11.88" H excluding handles
- 56.6cm W x 76.5cm L x 30.2cm H excluding handles

FEATURES



- Fitted with a digital interface the S6 can project a digital signal from source to screen without signal conversion.



- A 92 lb powerhouse projecting 6000 ANSI lumens in true SXGA.



- 100% digitally perfect image reproduction every time.

Horizontal Frequency Range

- 15 to 120kHz

Vertical Frequency Range

- 24 to 120Hz

Field Interchangeable Optional Lenses

- Fixed short throw lens: 1.2:1
- Zoom lenses: 1.5-2.2:1, 2.2-4:1, and 4-7:1
- Up to 130% of vertical lens offset for off-axis projection
- Up to 80% of horizontal lens offset
- Compatibility with VistaGraphX lenses: 0.8:1, 2.5-4:1, 4-7:1 (adapter required)
- Screen size: 1.8m - 12.2m (6ft - 40ft) diagonal

Lens Mount

- Manual horizontal and vertical lens offset, focus and zoom adjustments
- "Bayonet-style" lens insertion system
- Lens mount tilt adjustment
- Built-in light shutter

Inputs

- Built-in RGB/YUV/YpPr inputs allowing separate H and V syncs, composite sync and sync-on-green/luma (5 BNC connectors)
- Multi-standard Video Decoder Module (NTSC 3.58, NTSC 4.43, PAL, PAL 60, PAL M, PAL N, SECAM) with one composite video input (BNC and RCA connectors) and one S-video input (two BNC and 4-pin mini-DIN connectors)
- Slot for an optional input module
- Full compatibility with third party switchers

Control/Networking

- Third party control system and switcher compatibility
- Dual RS232 ports for computer control, with loop-through for connection of multiple projectors
- Dual 6-pin XLR RS422 ports for connection of optional LCD two-way controllers and loop-through to multiple projectors up to 600ft (183m)

Diagnostics

- Built-in LCD diagnostic display indicates operational status and error messages
- Power and status LED
- Full diagnostics through RS232 9-pin D connector

Graphical User Interface

- Auto set-up feature
- "Direct Access" intuitive user interface for complete projector control in 5 world languages
- On-screen user movable menus to fit different image aspect ratios (4:3, 5:4, 16:9, etc.)
- On-screen help menus
- 100 channel memories
- Auto power feature

Lamp Specification/Color Temperature

- 1200W Xenon CERMAX® illumination system
- Pre-aligned lamp module
- Constant color temperature over the lamp life
- Color temperature adjustment range: 32000K to 93000K
- User replaceable lamp within 5 minutes
- Typical lifetime: 1000 hours

Standard Accessories

- IR remote keypad with batteries
- User manual with warranty card
- 2.44m (8ft) line cord

Optional Accessories

- Serial Digital Input (SMPTE 259M/CCIR 601) with loop-through feature
- Digital HDTV Input module (with loop-through feature) compatible with all known HDTV formats
- DVI/DFP Input module
- 10-bit ADP (Advanced Digital Processing) module
- Wired remote keypad
- Motorized lens mount upgrade
- RS422 two-way remote LCD controller
- Replacement lamp module
- Remote infrared sensor
- Service manual
- Librarian communication software
- Transit case

Regulatory Approvals

- CSA, UL and European safety approvals
- North American and European EMI/EMC approvals

Warranty

- Two years parts and labor on projector
- One year on projector light engine
- Accessories: one year
- Extended warranty available

Third Party Test Criteria

- ISTA, IEC 60068-2-64, ASTM D4169-96, MIL STD 810F (Shipping Vibration and Shock, while in Christie Transit Case)

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