

Roadster S9



Powerhouse Brightness in a Portable Package

Christie's Roadster S9 delivers a staggering 8500 ANSI lumens output from its compact, portable chassis by way of a 1500W Xenon CERMAX® illumination system making the S9 the brightest and most cost-effective SXGA projector in its class. With exceptional image clarity, color uniformity and a contrast ratio of 800:1 – the S9 is a portable presentation powerhouse that excels in even the most challenging environments.

The S9 features a super-reliable power supply and lamp ballast that provides consistent power to the lamp, reducing the need for external power regulators in even the most extreme brown-out conditions. The S9 flawlessly adapts to power fluctuations to deliver continuous brilliant light output. A truly cost-effective solution, the unique self-adjusting power supply minimizes lamp fade over time, ensuring superior lamp performance and reduced operating costs.

The S9 employs the latest in 3-chip DLP™ technology to deliver stunning images with enhanced black level and incredible contrast ratio. Providing unsurpassed connectivity with a digital interface, the S9 can project a digital signal from source to screen without signal conversion – ensuring 100% digitally perfect image reproduction every time. With advanced inverse telecine (3:2 pull down) digital processing, native SXGA resolution and scaling, the S9 delivers outstanding image performance for the most demanding both video and data sources.

Christie's proprietary Intelligent Lens System (ILS™), LiteLOC™, image off-set and keystone correction capability offer greater range of control, projector positioning and projector angles for onsite flexibility and ease of integration into any application.

Bold, bright, beautiful pictures in a portable, compact design.

- 8500 ANSI lumens
- True SXGA resolution (1280 x 1024)
- Pixel clock 160MHz
- LiteLOC™ constant brightness feature
- HDTV and DTV compatible
- Modular architecture
- Intelligent Lens System (ILS™)
- Ruggedized design
- Advanced inverse telecine (3:2 pull down) digital processing
- 5' to 40'+ diagonal image size
- Optional 10-bit video processing

APPLICATIONS

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


CHRISTIE
Project. Present. Perform.

Roadster S9 • Specifications

Brightness

- 8500 ANSI lumens (+/- 10%)
- 90% brightness uniformity across the screen

Contrast Ratio (1.5-2.2:1 zoom lens)

- 400:1 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 (1280 x 1024) resolution
- Independent horizontal and vertical scaling adjustment for graphics and video inputs

HDTV/DTV Compatibility

- Full HDTV/DTV compatibility on analog RGB/YpPr 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

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: 200 VAC to 240 VAC +/- 10% @ 50/60Hz
- Power consumption: 2200W maximum
- Thermal dissipation: 7250BTU/hr
- Operating current: 12A maximum

Weight and Size

- 99 lbs (45 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

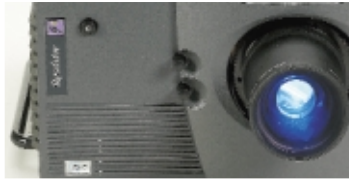
FEATURES



- Fitted with a digital interface, the S9 projects from source to screen without signal conversion.



- Robust, rugged and reliable - 99 lbs and 8500 ANSI at true SXGA resolution.



- Full HDTV/DTV compatibility.

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: 5' - 40' + (1.8m - 12.2m) diagonal

Lens Mount

- Manual horizontal and vertical lens offset, focus and zoom adjustments
- "Bayonet-style" lens insertion system
- Scheimpflug (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)
- Optional input module slot
- 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 3000ft
- ChristieNET™ compatible

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-placeable menu to fit different image aspect ratios (4:3, 5:4, 16:9, etc.)
- On-screen help menus
- 100 channel memories
- Auto power up feature

Lamp Specification/Color Temperature

- 1500W CERMAX® Xenon illumination system
- Pre-aligned lamp module
- Constant color temperature over the lamp life
- Color temperature adjustment range: 3200K to 9300K
- User replaceable lamp within 5 minutes
- Lamp lifetime: 1000 hours (typical)

Standard Accessories

- IR remote keypad with batteries
- User's manual
- Eye bolt kit

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
- DV/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
- Arbitrary Gamma software for user-definable gamma tables
- MIL-STD ruggedized transit case
- Stack kit

Regulatory Approvals

- CSA/UL EN60950
- FCC and CISPR 22 class A, EN50024 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 & Shock, while in Christie Roadster Transit Case)

Head Offices

USA
10550 Camden Drive
Cypress, CA 90630
PH: 714-236-8610
FX: 714-503-3385
Toll free: (800) 407-7727 (NA only)
sales-us@christiedigital.com

CANADA
809 Wellington Street North
Kitchener, Ontario N2G 4Y7
PH: 519-744-8005
FX: 519-749-3136
Toll free: (800) 265-2171 (NA only)
sales-canada@christiedigital.com

Branch Offices

UNITED KINGDOM
PH: +44 118 977 8000
FX: +44 118 977 8100
sales-europe@christiedigital.com

SINGAPORE
PH: +65 6877-8737
FX: +65 6877-8747
sales-singapore@christiedigital.com

FRANCE
PH: +33 (0) 1 47 48 28 07
FX: +33 (0) 1 47 48 26 06
Mobile: +33 (0) 6 76 47 43 62
sales-france@christiedigital.com

GERMANY
PH: +49 2161 664540
FX: +49 2161 664546
sales-europe@christiedigital.com

CHINA
PH: +86 21 6278 7708
FX: +86 21 6278 7707
sales-china@christiedigital.com



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

