

Roadster X6



Engineered for life on the road.

Christie's Roadster X6 is a powerhouse projector outputting a staggering 6000 ANSI lumens from its small frame by way of a 1200W Xenon CERMAX® illumination system and 3-chip DLP™ technology enabling you to take full advantage of the X6's digital capabilities. Fitted with a digital interface, the X6 can project a digital signal from source to screen without signal conversion. The X6 is the ideal choice for projecting HDTV and DTV images as they were intended.

All models in the Roadster series are fitted with Christie's proprietary Intelligent Lens System (ILS™) and LiteLOC™ feature. The former, a fully motorized lens system allows for the automatic recall of lens position and source parameters upon changing source, reducing set-up times and labor costs. The latter gives you full control of the X6's programmable power supply. Fitted with password protection - LiteLOC™ only permits the X6 to be used with the lamp mode you select.

Off-set and keystone capability combined with the system's functional, unobtrusive design and compact size makes it the ideal system for stacking solutions. The X6 can be easily flown via integrated fly-points or stacking rig.

The X6 also shares a common modular architecture with all the other models in the Roadster series and can be upgraded at only an incremental cost to deliver stunning true SXGA resolution images for those applications that combine both video and multimedia components.

Rugged, robust and reliable - engineered for life on the road.

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

APPLICATIONS

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


CHRISTIE
Project. Present. Perform.

Roadster X6 • Specifications

Brightness

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

Contrast Ratio (1.5-2.2:1 zoom lens)

- 350:1 ANSI, 500:1 on / off

Resolution/Digital Processing

- 3-chip 0.9" DMD™, (Digital Micromirror Device) system
- True XGA 1024x768 chip resolution
- 13-bit user selectable gamma table
- More than 1 billion displayable colors

Dynamic Scaling

- Resizing capabilities to scale down from 1600x1200 and up from 640x480 to XGA resolution
- Independent horizontal and vertical size adjustment for graphics and video inputs

HDTV/DTV Compatibility

- Full HDTV/DTV compatibility on analogue RGB/Y/PbPr inputs
- Accepts 480i, 480p, 576i, 576p, 1035i, and 1080i formats at all applicable frame/field rates
- Accepts 1080p at 24, 25 and 30 Hz 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 220V AC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 1700 W maximum
- Thermal dissipation: 5150 BTU/hr
- Operating current: 8.5A maximum

Weight and Size

- 92 lbs (41.8kg)
- 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 X6 can project a digital signal from source to screen without signal conversion.



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



- Digital signals from source to screen without signal conversion, ensuring a 100% digitally perfect image.

Horizontal Frequency Range

- 15 to 120 kHz

Vertical Frequency Range

- 24 to 120 Hz

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 (using a 2.5:4-1 lens)
- Up to 80% of horizontal lens offset (using a 2.5:4-1 lens)
- Compatibility with VistaGraphX lenses: 0.8:1, 2.5-4:1, 4-7:1 (adapter required)
- Screen size 1.5m - 12.2m (5ft - 40ft) diagonal

Lens Mount

- Motorized 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/Y/PbPr inputs allowing separate H and V syncs, tri-level sync, 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 CERMAX® Xenon 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
- 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 (with RoadSERVICE membership)
- 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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