CHRISTIE Roadster Series

Pure power in a compact, purpose-built package

Uses

Rental/Staging

Houses of Worship

Executive briefings and conference centers

Concerts

Tradeshows and exhibitions

Auditoriums

Casinos, theme parks and museums

The Christie Roadster Series continues to raise the bar for rental/staging. For unbelievably bright images with stunning detail and depth of color, the Christie Roadster Series puts pure power in your hands with purpose-built features. Designed with built-in handles, an improved airflow system and multiple rigging points, these powerhouse projectors stack up against the rigors and stress of rental/staging – fly, rig, ship them, use them again and again.

These compact projectors feature SXGA+ resolution and a variable contrast ratio of 1600–2000:1 for brilliantly crisp, detailed images. With DLP® technology, high-quality optics and 10-bit image processing the Christie Roadster Series delivers crisp, clean images with perfect color saturation and spectacular video.

The Christie Roadster Series will respond to almost any kind of control in the projection world including RS-232, RS-422, IR remote, wired remote, two way controller, direct control panel input and over a LAN via on-board ChristieNET™.

The Christie Roadster Series – the de facto standard for rental/staging.

Roadster Series

The incredibly high-brightness and rugged design make the Roadster Series perfect for applications where durability, ease of handling and operation are the key requirements.

AV Concepts used eight Roadsters, double-stacked on 4 screens to bring the music and images of the Final Fantasy video game to life. The Roadsters Series' improved contrast ratio and high resolution capabilities were sited as key factors.

Display Technology

Featuring high-quality DLP® technology, the Christie Roadster Series has proven to be the world's favorite 3-chip, DLP® projector. Low maintenance, highly reliable DLP® technology delivers high brightness and unsurpassed color, brightness uniformity and control capabilities.

Image Quality

The 3-chip SXGA+ engines are driven by Xenon illumination and deliver superior image quality, repeatability of colors and the ability to edge-blend and tile images – whether multiple projectors on a single screen, or multiple screen displays.

Image Processing

With proven 10-bit image processing, the Christie Roadster Series offers high bandwidth signal processing. The high bandwidth supports additional functionality such as Picture in Picture, HD 4:4:4 and seamless switching between sources. For added ease of blending, Digital Black Level Adjustment lets the user match the blended (gutter) black levels with the non-blended black levels.

Ease of Use

A user-friendly Graphic User Interface makes operation and set-up of the entire Christie Roadster Series uncomplicated. The GUI enables full and easy control of the projector. Multiple control options let the user choose what's best for their application – built-in, IR and wired remote keypad; wired or wireless two way controller; RS-422 or RS-232 control; or through ChristieNET™ via the Ethernet port. Optional ChristieNET™ WAVE and ChristieNET™ WAVE-DVD provide wireless presentation power for data, video and streaming video. Motorized lens functions provide power focus, zoom, horizontal and vertical offset – all at the touch of a button, while the Intelligent Lens System (ILS™) provides auto recall for zoom and focus. Auto set-up automatically recognizes sources and sets up correct brightness, contrast, position and pixel clock.

Serviceability

Operation and maintenance of the Christie Roadster Series is easy as well. Quick internal access with $^1/_4$-turn screws, a quick-change ballast, a removable image processing module, field-alignable DMDs – put full control in the hands of the user. Replacement lamp costs are low and Christie offers the best warranties on the market – 2 years parts and labor – including light engine.

The Christie Roadster Series features the widest source compatibility and has built-in Ethernet networking for full compatibility with ChristieNET™, ChristieNET™ WAVE and ChristieNET™ WAVE-DVD for total projector monitoring, control and wireless image capabilities.

Accessories

STANDARD:

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

OPTIONAL:

- Lenses: 0.73:1, 1.2:1, 1.5–2.0, 2.0–2.8, 2.8–4.5, 4.5–7.3
- Dual SD/HD-SDI (additional module), DVI and legacy interface modules
- Wire remote control
- 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)

With 2.0, 2.4 or 3.0kW, the Roadster Series features user-replaceable, pre-aligned Xenon lamp modules with adjustable lamp power. The stable color temperature over the course of the lamp life and the power range provides the best lamp technology for color matching across multiple screens.

The Christie Roadster Series features an extremely high contrast ratio of 1600-2000:1 full field; 450-700:1 ANSI – a motorized IRIS adjusts for high contrast ratio and better black levels, for any given application.

An optional suite of specifically-designed SXGA⁺ lenses includes both fixed and zoom lenses ranging from 0.73:1 through to a 4.5-7.3:1 zoom and a durable lens mount with motorized horizontal and vertical offset. With a built-in light shutter, internal variable contrast aperture and quick lens insertion, the Christie Roadster Series is easy to work with.

INPUTS

The Christie Roadster Series offers installation flexibility and compatibility with any data, video or HDTV source in use today…from VGA to QXGA. The multi-standard video decoder and horizontal and vertical scaling of all inputs gives you the ability to connect to virtually anything.

RGBHV/YPbPr via 5 BNC
DVI-I fo digital/analog RGB/YPbPr (HDCP)
One composite video, one S-Video
Two optional slots for analog/digital modules (comes standard, populated with Dual SD/HD-SDI module)
Two RS-232 ports, one RS-422 port and one GPIO port
On-board ChristieNET™ connectivity (RJ45)
Built-in backlit keypad and IR remote control

Competitive Advantages

- **Low cost of operation**
- **Brightness** – brighter than all competitors for this size
- **High Contrast** – measured as high or higher than any competitive model – 1600-2000:1 full field
- **Purpose-Built** – built-in stacking, rigging and safety points

Christie Roadster Series
Specifications

The dual SD/HD-SDI standard module allows for the connection of both a Standard Definition and a High Definition Serial Digital Input, each with its own loop-through.

Direct key access to the most-used major functions and auto set-up for automatic set-up of sources with correct brightness, contrast and position – means operation and set-up of the Christie Roadster Series are intuitive.

	Roadster S+12K	Roadster S+16K	Roadster S+20K
BRIGHTNESS	• 12,000 ANSI lumens (± 10%) • 90% brightness uniformity	• 16,000 ANSI lumens (± 10%) • 90% brightness uniformity	• 20,000 ANSI lumens (± 10%) • 90% brightness uniformity
CONTRAST RATIO	• 1600:2000:1 full field • ANSI 450:1 min	• 1600:2000:1 full field • ANSI 450:1 min	• 1800:1 full field • ANSI 450:1 min
LAMP	• 2.0kW Xenon Bubble pre-aligned lamp module • 1000 hours (typical) lifetime • LiteLOC™ light output control	• 2.4kW Xenon Bubble pre-aligned lamp module • 750 hours (typical) lifetime • LiteLOC™ light output control	• 3.0kW Xenon Bubble pre-aligned lamp module • 750 hours (typical) lifetime • LiteLOC™ light output control
POWER	• Rated Voltage: 200 VAC to 240 VAC @ 50/60 Hz • Power consumption: 3000W maximum • Thermal dissipation: 10,236 BTU/hr • Operating current: 15A @ 200V	• Rated Voltage: 200 VAC to 240 VAC @ 50/60 Hz • Power consumption: 4000W maximum • Thermal dissipation: 13,648 BTU/hr • Operating current: 20A @ 200V	• Rated Voltage: 200 VAC to 240 VAC @ 50/60Hz • Power consumption: 5000W maximum (measured 3900W at 264V @ 14.8 A) • Thermal dissipation: 17,060 BTU/hr • Operating current: 25A @ 200V
DIMENSIONS (Excluding lens, feet and stacking points)	• Weight: 140 lb (63.5 kg) • Shipping weight: 165 lb (75 kg) • Size (L x W x H): 32.1 x 24.5 x 15.1" • (815 x 622 x 384 mm)	• Weight: 140 lb (63.5 kg) • Shipping weight: 165 lb (75 kg) • Size (L x W x H): 32.1 x 24.5 x 15.1" • (815 x 622 x 384 mm)	• Weight: 160 lb (72.6 kg) • Shipping weight: 230 lb (104.4 kg) • Size (L x W x H): 32.1 x 24.5 x 15.1" • (815 x 622 x 384 mm)
REGULATORY APPROVALS	• FCC Part 15, Subpart B Class A • EN55022; EN55024 • UL 60950-1 • CAN/C22.2 No60950-1-03 • IEC60950-1:2001 • CE, eK, CCC, PSE for 500W and 1000W models • MIC • RoHS • WEEE	• FCC Part 15, Subpart B Class A • EN55022; EN55024 • UL 60950-1 • CAN/C22.2 No60950-1-03 • IEC60950-1:2001 • CE, eK, CCC, PSE for 500W and 1000W models • MIC • RoHS • WEEE	• FCC Part 15, Subpart B Class A • EN55022; EN55024 • UL 60950-1 • CAN/C22.2 No60950-1-03 • IEC60950-1:2001 • CE, eK, CCC, PSE for 500W and 1000W models • MIC • RoHS • WEEE

Stunning images with high contrast and unbelievable color – the Christie Roadster Series provides pure power, knock-out brightness in a compact package that's easy to use.

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

ISO 9001:2000

Certificate # 601

DLP TEXAS INSTRUMENTS

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