Roadster Series

Pure power in a compact, purpose-built package

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.

CHRISTIE®

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 nonblended black levels.

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.

Ease of use

A user-friendly Graphic User Interface (GUI) 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.

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

▼ 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.

▼ 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.

▼ 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 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.

		Roadster S+12K	Roadster S+16K	Roadster S+20K
Image	brightness	• 12,000 ANSI lumens (±10%)	• 16,000 ANSI lumens (±10%)	20,000 ANSI lumens (±10%)
	contrast	• 1600:2000:1 full field • ANSI 450:1 min		1800:1 full field • ANSI 450:1 min
	uniformity	• 90% brightness uniformity		
Display	type	• 3-chip 0.95" DLP® resolution		
	native resolution	• SXGA+ 1400 x 1050		
Lamp	type	• 2.0kW Xenon Bubble pre-aligned lamp module	• 2.4kW Xenon Bubble pre-aligned lamp module	• 3.0kW Xenon Bubble pre-aligned lamp module
	life	• 1000 hrs (typical) lifetime	• 750 hrs (typical) lifetime	• 750 hrs (typical) lifetime
Input	signals	• VGA through to QXGA (2048 x 1536) • Supports standard HDTV formats up to 1080p • Multi-standard video decoder • Horizontal and vertical scaling, all inputs		
	scan rates	• 15-120kHz Horizontal • 23.97-150Hz Vertical		
Inputs, control and networking		• RGBHV/YPbPr via 5 BNC • DVI-I for 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		
Lenses		• 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		
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 • KoRETM 10-bit librarian • Lens adapter (for competitive lenses)		
Power requirements	operating voltage	• 200-240VAC @ 50/60Hz	• 200-240VAC @ 50/60Hz	• 200-240VAC @ 50/60Hz
	operating current	• 15A @ 200V	• 20A @ 200V	• 25A @ 200V
	power	• 3000W	• 4000W max	• 5000W max (measured 3900W at 264V @ 14.8A)
	dissipation	• 10,236BTU/hr	• 13,648BTU/hr	• 17,060BTU/hr
Dimensions	size	• (LxWxH): 32.1 x 24.5 x 15.1" (815 x 622 x 384mm)	• (LxWxH): 32.1 x 24.5 x 15.1" (815 x 622 x 384mm)	• (LxWxH): 32.1 x 24.5 x 15.1" (815 x 622 x 384mm)
	weight	• 140lb (63.5kg)	• 140lb (63.5kg)	• 160lb (72.6kg)
	shipping weight	• 165lb (75kg)	• 165lb (75kg)	• 230lb (104.4kg)
Operating environment		• Temperature: 40-95°F (5-35°C) • Humidity: 20-80% non-condensing		
Regulatory approvals		• This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): • FCC Part 15, Subpart B Class A • CISPR22/EN55022 • CISPR24/EN55024 • UL 60950-1 first edition • CAN/CSA-C22.2 No 60950-1-03 first edition • IEC60950-1:2001 • 2002/95/EC RoHS		
Limited warranty		• 2 years parts and labor • Contact an authorized Christie representative for full details of our limited warranty		

CHRISTIE®