



CHRISTIE HD Series

HD done right

Uses

- Houses of Worship
- Post-production
- Home cinema
- Conference rooms
- Boardrooms
- Training rooms

The Christie HD Series offers the broadest range of the brightest native HD resolution projectors – bar none. Lighter, lower power consumption and 10% brighter than the competition – Christie is HD resolution done right.

Ranging from 5000 to a brilliant 17,500 ANSI lumens, each of the 6 projectors in the series offers the highest lumens per pound, native 1920 x 1080 resolution and proven 3-chip DLP® technology with Xenon® illumination.

New to the HD Series, the Christie Roadster HD18K is the brightest HD projector. Compact and designed with built-in rigging points and handles, the increased versatility of HD resolution the flexibility of displaying at both 16:9 and 4:3 aspect ratios.

The series features a variable contrast ratio of 1600-2000:1 for crisp, detailed images and low black levels. A suite of high-quality lenses specifically designed to increase image sharpness and provide manual contrast adjustment provides impeccable control over your images. The addition of a yellow notch filter creates greater separation between the primary colors, enhancing the Christie HD5Kc/HD7Kc models with richer color depth for a film-like experience.

With the consistency of DLP technology, the Christie HD Series offers reliable repeat performance. Combined with the best price/performance on the market, extensive warranties and world-renowned Christie service – it's HD projection done right.

HD Series



The Christie HD Series offers a native HD format combined with high resolution, high brightness and a compact package – for applications where image quality, color and clarity are paramount. When the images need to speak volumes, the Christie HD Series delivers high brightness, excellent color and detailed displays.

Fellowship Community Church Grapevine, TX

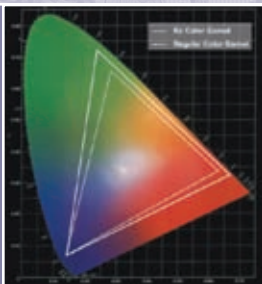
Whether it is your first time at Fellowship, or you've been attending for years, you never know what to expect during their hour long service. Featuring two Christie Roadie 25Ks and two Christie Roadster S+16Ks, Fellowship Church creates a visually inspiring experience whether during regular Sunday services or for a special Christmas Pageant.

Display Technology

The Christie HD Series is the only series of projectors to provide native 1920 x 1080 resolution in 3-chip DLP® image quality. Low maintenance, highly reliable DLP® technology delivers high brightness and unsurpassed color, brightness uniformity and control capabilities in a native widescreen format.

Image Quality

The 3-chip 1080 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. The addition of a yellow notch filter in the Christie HD5Kc/HD7Kc models allows greater separation between primary colors for richer color depth and a film-like color experience.



Christie offers the Kc series of models with color correction to project richer colors and a film-like experience

Proven 10-bit Native HD Processing

Utilizing the proven 10-bit processing that has been used in our 2K resolution products, the Christie HD Series of projectors continues to exceed the customer expectations in image quality and reproduction. High bandwidth supports additional functionality such as Picture in Picture and seamless switching between sources.

Designed for Ease of Use and Maintenance

High performance optics with a wide range of lenses allows for use in multiple types of installations. The simple to use menus, simple lamp and filter access as well as the confidence in reliability instilled by field-proven power and processing components are all designed to give the user peace of mind.

High Performance

Christie-designed electronics with HD 4:4:4 capabilities and Digital Black Level control that can be used with the built-in edge blending are key strengths that this product family brings with it. Additional features include seamless switching, Picture in Picture, LiteLOC™ and the ILS™ (Intelligent Lens System) for zoom and focus. The built-in RJ45 networking port also allow the 1080 HD family to utilize ChristieNET™ for monitoring and control to give the user complete asset management. The video processing, with artifact-free video and excellent color and contrast, will produce unparalleled images.



Serviceability

Operation and maintenance of the Christie HD Series is easy as well. Field-alignable DMDs and a cleanable optical engine 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 (excluding light engine).



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



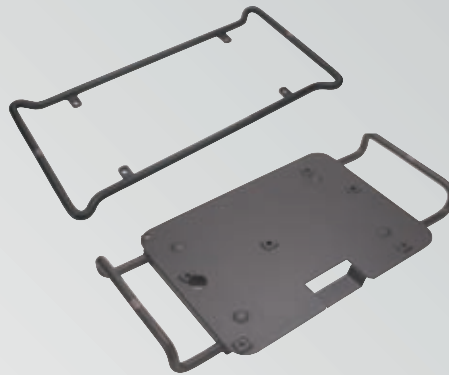
With 1kW, 1.2kW or 2.0kW of power, the Christie HD Series features user-replaceable, pre-aligned Xenon lamp modules with adjustable lamp power for lower brightness. The stable color temperature over the course of the lamp life and the power range provides the best lamp technology for color matching across multiple screens.



Cages are available as options on the HD5Kc, HD6K, HD7Kc and the HD8K allowing for easy and fast stacking.



A suite of specifically-designed High Definition lenses includes both fixed and zoom lenses ranging from 0.67:1 through to 4.1-6.9:1 zoom and features a durable lens mount with motorized horizontal and vertical offset. With quick lens insertion, the Christie HD Series is easy to work with.



Handles are available for both low and high powered HD projectors.

Accessories

STANDARD:

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

OPTIONAL:

- Fixed lenses (HD): 0.67:1, 1.1:1
- Zoom lenses (HD): 1.4-1.8:1, 1.8-2.6:1, 2.6-4.1:1, 4.1 - 6.9:1, also compatible with SX+ lenses
- ChristieTWIST™ Image Warping Module with enhanced, DVI and legacy interface modules edge-blending
- ChristieNET™ WAVE
- DVI input module
- Wire remote control
- Remote IR sensor
- Ethernet, RS-232, RS-422 cables
- Service manual
- KoRE™ 10-bit librarian
- Lens adapter (can be used with competitors' lenses)
- Sound baffle kit
- Stacking cage
- Handles

INPUTS

The Christie HD 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 for digital/analog RGB/YPbPr (HDCP)

One composite video, one S-Video

Two optional slots for analog/digital modules

Dual SD/HD-SDI card

3 RS-232 ports and 1 RS-422 port

On-board ChristieNET™ connectivity (RJ45)

Built-in backlit keypad and IR remote control

Competitive Advantages

- **True HD native resolution (1920 x 1080)**
- **Smallest, high-performance 3-chip DLP® product** – offers the pinnacle of image color accuracy and adjustability
- **Xenon lamp system** – provides repeatability of photo-realistic colors and ability to accurately color-match images
- **True 10-bit processing** – offers high-bandwidth signal processing
- **Highest contrast** – at 1600:2000:1 (via internal adjustable aperture)
- **Brightest HD 3-chip DLP in the world**
- **Best cost of ownership**
- **Broadest HD 3-chip DLP line-up** – ranging from 5000 lumens to 17,500 lumens

Christie HD Series Specifications

 <p>HD5Kc</p> <p>BRIGHTNESS</p> <ul style="list-style-type: none"> • 5000 ANSI lumens (± 10%) • 90% brightness uniformity (corrected) <p>CONTRAST</p> <ul style="list-style-type: none"> • 1500-2000:1 full field • 450:1 ANSI min <p>LAMP</p> <ul style="list-style-type: none"> • 1kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control <p>POWER</p> <ul style="list-style-type: none"> • 100 VAC to 240 VAC ± 10% @ 50/60 Hz • Power consumption: 1500W maximum • Thermal dissipation: 5460 BTU/hr • Operating current: 10.4A @ 100V/8A @ 200V <p>DIMENSIONS (excluding lens)</p> <ul style="list-style-type: none"> • Weight: 75 lb (34 kg) • Shipping weight: 120 lb (54.4 kg) • Size (L x W x H): 22.3 x 26.0 x 12.3" (566 x 660 x 313mm) <p>REGULATORY APPROVALS</p> <ul style="list-style-type: none"> • UL/CSA/IEC 60950-1 • RoHS and WEEE compliant • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns 	 <p>HD6K</p> <p>BRIGHTNESS</p> <ul style="list-style-type: none"> • 6500 ANSI lumens (± 10%) • 90% brightness uniformity (corrected) <p>CONTRAST</p> <ul style="list-style-type: none"> • 1500-2000:1 full field • 450:1 ANSI min <p>LAMP</p> <ul style="list-style-type: none"> • 1kW CERMAX® Xenon pre-aligned lamp module • 1500 hours typical lamp lifetime • LiteLOC™ light output control <p>POWER</p> <ul style="list-style-type: none"> • 100 VAC to 240 VAC ± 10% @ 50/60 Hz • Power consumption: 1600W maximum • Thermal dissipation: 5460 BTU/hr • Operating current: 12A @ 100V/8A @ 200V <p>DIMENSIONS (excluding lens)</p> <ul style="list-style-type: none"> • Weight: 75 lb (34 kg) • Shipping weight: 120 lb (54.4 kg) • Size (L x W x H): 22.3 x 26.0 x 12.3" (566 x 660 x 313mm) <p>REGULATORY APPROVALS</p> <ul style="list-style-type: none"> • UL/CSA/IEC 60950-1 • RoHS and WEEE compliant • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns 	 <p>HD7Kc</p> <p>BRIGHTNESS</p> <ul style="list-style-type: none"> • 6500 ANSI lumens (± 10%) • 90% brightness uniformity (corrected) <p>CONTRAST</p> <ul style="list-style-type: none"> • 1500-2000:1 full field • 450:1 ANSI min <p>LAMP</p> <ul style="list-style-type: none"> • 1.2kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control <p>POWER</p> <ul style="list-style-type: none"> • 200 VAC to 240 VAC ± 10% @ 50/60 Hz • Power consumption: 2000W maximum • Thermal dissipation: 6825 BTU/hr • Operating current: 10A @ 200V <p>DIMENSIONS (excluding lens)</p> <ul style="list-style-type: none"> • Weight: 80 lb (36.3 kg) • Shipping weight: 125 lb (56.7 kg) • Size (L x W x H): 22.3 x 26.0 x 12.3" (566 x 660 x 313mm) <p>REGULATORY APPROVALS</p> <ul style="list-style-type: none"> • UL/CSA/IEC 60950-1 • RoHS and WEEE compliant • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns
 <p>HD8K</p> <p>BRIGHTNESS</p> <ul style="list-style-type: none"> • 8000 ANSI lumens (± 10%) • 90% brightness uniformity (corrected) <p>CONTRAST</p> <ul style="list-style-type: none"> • 1500-2000:1 full field • 450:1 ANSI min <p>LAMP</p> <ul style="list-style-type: none"> • 1.2kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control <p>POWER</p> <ul style="list-style-type: none"> • 200 VAC to 240 VAC @ 50/60 Hz • Power consumption: 2000W max • Thermal dissipation: 6825 BTU/hr • Operating current: 10A @ 200V <p>DIMENSIONS (excluding lens)</p> <ul style="list-style-type: none"> • Weight: 80 lb (36.3 kg) • Shipping weight: 122 lb (55.3 kg) • Size (L x W x H): 22.3 x 26.0 x 12.3" (566 x 660 x 313mm) <p>REGULATORY APPROVALS</p> <ul style="list-style-type: none"> • UL/CSA/IEC 60950-1 • RoHS and WEEE compliant • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns 	 <p>Roadster HD12K</p> <p>BRIGHTNESS</p> <ul style="list-style-type: none"> • 12,000 ANSI lumens (± 10%) • 90% brightness uniformity (corrected) <p>CONTRAST</p> <ul style="list-style-type: none"> • 1500-2000:1 full field • 450:1 ANSI min <p>LAMP</p> <ul style="list-style-type: none"> • 2.0kW Xenon Bubble lamp • 750 hours (typical) lifetime • User-replaceable bulb • LiteLOC™ light output control <p>POWER</p> <ul style="list-style-type: none"> • 200 VAC to 240 VAC @ 50/60 Hz • Power consumption: 3000W max • Thermal dissipation: 10,236 BTU/hr • Operating current: 12A @ 200V <p>DIMENSIONS (excluding lens)</p> <ul style="list-style-type: none"> • Weight: 135 lb (61.4 kg) excluding lens • Shipping weight: 160 lb (72.6 kg) • Size (L x W x H): 32.1 x 24.5 x 15.1" (814.8 x 631.4 x 384mm) <p>REGULATORY APPROVALS</p> <ul style="list-style-type: none"> • UL/CSA/IEC 60950-1 • RoHS and WEEE compliant • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns 	 <p>Roadster HD18K</p> <p>BRIGHTNESS</p> <ul style="list-style-type: none"> • 17,500 ANSI lumens (± 10%) • 90% brightness uniformity (corrected) <p>CONTRAST</p> <ul style="list-style-type: none"> • 1500-2000:1 full field • 450:1 ANSI min <p>LAMP</p> <ul style="list-style-type: none"> • 3.0kW Xenon Bubble lamp • 750 hours (typical) lifetime • User-replaceable bulb • Low cost of ownership • LiteLOC™ (light output control) <p>POWER</p> <ul style="list-style-type: none"> • 200 VAC to 240 VAC @ 50/60 Hz • Power consumption: 4800W max • Thermal dissipation: 13,320 BTU/hr • Operating current: 12A @ 200V <p>DIMENSIONS (excluding lens)</p> <ul style="list-style-type: none"> • Weight 160 lb (72.6 kg) • Shipping weight: 230 lb (104.3 kg) • Size (L x W x H): 32.1 x 24.5 x 15.1" (814.8 x 631.4 x 384mm) <p>REGULATORY APPROVALS</p> <ul style="list-style-type: none"> • UL/CSA/IEC 60950-1 • FCC Class A, CE, CCC (pending) • This product conforms to all relevant European directives, standards, safety, health and environmental concerns

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