



CHRISTIE DW Series

Highest Quality Images in a Native Widescreen Format

Uses

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

The Christie DW Series offers exceptional image quality and detail in a choice of four compact packages for pure presentation power. The smallest, high-performance 3-chip DLP™ product on the market, the Christie DW Series offers a range of 4,400 to 7,000 ANSI lumens delivered in a native widescreen format – the pinnacle of image color accuracy and adjustability in an easy to use, flexible package.

The Christie DW Series features 1280 x 720 native resolution and a variable contrast ratio of 1600-2000:1 for crisp, detailed images. With next generation DLP™ technology, high-quality optics and 10-bit image processing, the Christie DW Series is ideal for widescreen scope, high resolution and exceptional image quality for big, bright displays. Increased color depth in the Christie DW3Kc/DW6Kc models offer film-like color correction for stunning brilliance.

Best price-performance on the market, most reliability, lowest cost of ownership, best warranties available and renowned customer service all add up to peace of mind with Christie.

The Christie DW Series – widescreen “wow” for stunning images.

DW Series



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

Deluxe Sound & Picture features superior audiovisual facilities and an award-winning staff, capable of accommodating post-production of feature films as well as episodic television. The studio captures, edits and prints in HD and then screens the dailies – all in HD.

Display Technology

The Christie DW Series provides the best 1280 x 720 image quality in 3-chip DLP™ projection available. 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 720 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 enhanced optical system in the Christie DW3Kc/DW6Kc models allows for a film-like color experience.

Image Processing

With 10-bit image processing, the Christie DW Series offers high bandwidth signal processing. The high bandwidth supports additional functionality such as Picture in Picture and seamless switching between sources.

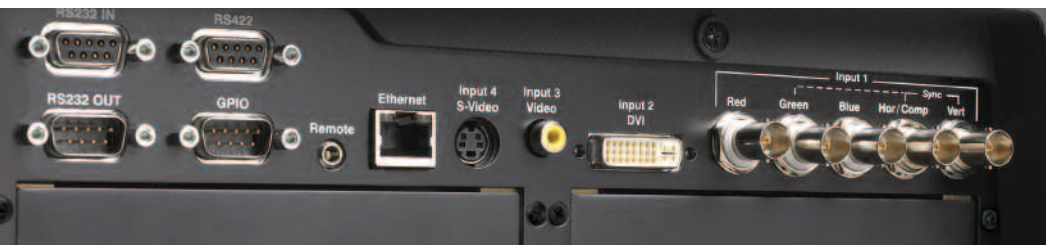
Ease of Use

A user-friendly Graphic User Interface makes operation and set-up of the entire Christie DW 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; 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 functions – all at the touch of a button. Auto set-up automatically recognizes sources and sets up correct brightness, contrast and position.

Serviceability

Operation and maintenance of the Christie DW 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 DW 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.



With either 1kW or 1.2kW, the Christie DW 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.



The Christie DW Series features an extremely high contrast ratio of 1600-2000:1 full field; 450-600:1 ANSI lumens – with the motorized IRIS, users can adjust for high contrast ratio and better black levels, for any given application.

Accessories

STANDARD:

- IR keypad (w/batteries)
- Line cord
- User manual

OPTIONAL:

- Fixed lenses: 0.8:1, 1.32:1
- Zoom lenses: 1.6-2.0:1, 2.0-2.7:1, 2.7-5.0:1, 5.0-8.0:1
- ChristieTWIST™ Image Warping Module with enhanced edge-blending
- Dual SD/HD-SDI, DVI and legacy interface modules
- ChristieNET™ WAVE
- ChristieNET™ WAVE-DVD
- Wire remote control and Two Way Controller
- Remote IR sensor
- Ethernet, RS-232, RS-422 cables
- Service manual
- KoRE™ 10-bit librarian
- Lens adapter (for competitive lenses)

INPUTS

The Christie DW 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

3 RS-232 ports and 1 RS-422 port

On-board ChristieNET™ connectivity (RJ45)

Built-in backlit keypad and IR remote control

An optional suite of specifically-designed SXGA+ lenses includes both fixed and zoom lenses ranging from 0.8:1 through to a 5.0-8.0:1 zoom and features a durable lens mount with motorized horizontal and vertical offset. With built-in light shutter, internal variable contrast aperture and quick lens insertion, the Christie DW Series is easy to work with.





Competitive Advantages

- **Xenon lamp system** – provides repeatability of photo-realistic colors and color-matching accuracy
- **Highest brightness** – than all competitors at 1280 x 720 resolution
- **Highest contrast** – 1600-2000:1 (via internal adjustable aperture)
- **Color-corrected option** – for film-like color standards, brilliant displays



Christie DW Series

Specifications

	DW3K	DW6K
		
BRIGHTNESS	<ul style="list-style-type: none"> • 5000 ANSI lumens @ 208 VAC (± 10%), 4000 ANSI lumens @ 110 VAC (± 10%) • 90% brightness uniformity 	<ul style="list-style-type: none"> • 7000 ANSI lumens (± 10%) • 90% brightness uniformity
CONTRAST	<ul style="list-style-type: none"> • 1600-2000:1 full field 	<ul style="list-style-type: none"> • 1600-2000:1 full field
LAMP	<ul style="list-style-type: none"> • 1kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control 	<ul style="list-style-type: none"> • 1.2kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control
POWER	<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 	<ul style="list-style-type: none"> • 200 VAC to 240 VAC ± 10% @ 50/60 Hz • Power consumption: 2000W • Thermal dissipation: 6825 BTU/hr • Operating current: 10A @ 200V
DIMENSIONS (EXCLUDING LENS)	<ul style="list-style-type: none"> • Weight: 72 lb (32.1 kg) • Shipping weight: 115 lb (52 kg) • Size (L x W x H): 22.3 x 26 x 12.3" (566 x 660 x 313mm) 	<ul style="list-style-type: none"> • Weight: 75 lb (34.1 kg) • Shipping weight: 120 lb (54 kg) • Size (L x W x H): 22.3 x 26 x 12.3" (566 x 660 x 313mm)
REGULATORY APPROVALS	<ul style="list-style-type: none"> • UL/CSA/IEC 60950 (3rd edition) • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns 	<ul style="list-style-type: none"> • UL/CSA/IEC 60950 (3rd edition) • FCC Class A, CE, CCC • This product conforms to all relevant European directives, standards, safety, health and environmental concerns
		
BRIGHTNESS	<ul style="list-style-type: none"> • 4000 ANSI lumens @ 208 VAC (± 10%), 3700 ANSI lumens @ 110 VAC (± 10%) • 90% brightness uniformity 	<ul style="list-style-type: none"> • 5600 ANSI lumens (± 10%) • 90% brightness uniformity
CONTRAST	<ul style="list-style-type: none"> • 1600-2000:1 full field 	<ul style="list-style-type: none"> • 1600-2000:1 full field
LAMP	<ul style="list-style-type: none"> • 1kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control 	<ul style="list-style-type: none"> • 1.2kW CERMAX® Xenon pre-aligned lamp module • 1500 hours (typical) lifetime • LiteLOC™ light output control
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For the most current specification information, please visit www.christiedigital.com

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada. 1381

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