



CHRISTIE LW300

High brightness, widescreen projection from a single lamp

Uses

Boardrooms
Conference Rooms
Home Entertainment
Cinema Advertising

The Christie LW300 produces bright images in a native 16:9 format to create powerful presentations – from boardrooms and conference rooms to home entertainment and cinema advertising.

With 3000 lumens and a 1000:1 contrast ratio, the Christie LW300 offers bright, bold images in true native 1366 x 768 resolution. A large selection of zoom and fixed lenses allow for flexible installation options. Vertical lens shift and digital keystone correction allow you to place a perfect image. An optional long-life filter kit extends the maintenance cycle.

State-of-the-art 10-bit image processing creates crisp, clear, artifact-free video images on HD signals up to 1080p. Multiple inputs and outputs let you connect to virtually any source on the market, including analog RGB and digital DVI with HDCP.

Featuring motorized zoom, focus and lens shift, the Christie LW300 is easy to set-up and easy to maintain. Optional ChristieNET™ provides networking through a TCP/IP network for ultimate control and preventative maintenance.

The Christie LW300 – bright, big screen images for impact anywhere.

Christie LW300

Specifications



IMAGE

- 3,000 ANSI lumens
- 90% brightness uniformity
- 1000:1 contrast ratio

DISPLAY TECHNOLOGY & RESOLUTION

- 3 x 1.2" p-Si Active Matrix TFT LCD panels with MLA
- True WXGA 1366 x 768
- 10-bit color resolution offering 16.7 million colours
- 10-bit linear gamma

INPUT SIGNAL COMPATIBILITY

- VGA through to UXGA
- Accepts and displays all currently known HDTV formats 720p @ 60, 1080i @ 60, 1080i @ 50, 1035i
- Horizontal and vertical scaling, all inputs

ENHANCED FEATURE SET

- 3D Digital noise reduction
- Power zoom and focus
- Motorized lens shift (up/down)
- Digital Keystone correction $\pm 40^\circ$ vertical, $\pm 10\%$ horizontal

GRAPHICAL USER INTERFACE

- Easy set-up and intuitive on screen displays (OSD)
- Direct key functions
- Image aspect ratios (4:3 or wide 16:9)
- Multi-language OSD (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese/Russian)

LAMP SPECIFICATION

- 300W NSH lamp module
- Typical lamp life: 1500 hrs
- User replaceable lamp

STANDARD ACCESSORIES

- Wireless & wired remote unit
- User's manual (CD-ROM and quick setup manual)
- Computer cable
- Serial control cable (2.75 m)
- Lens cap
- AC cord x 2 (UL and European)

OPTIONAL ACCESSORIES

- ChristieNET™
- Lamp module
- Ceiling mount
- Shipping case
- Soft-sided carrying case
- Cover

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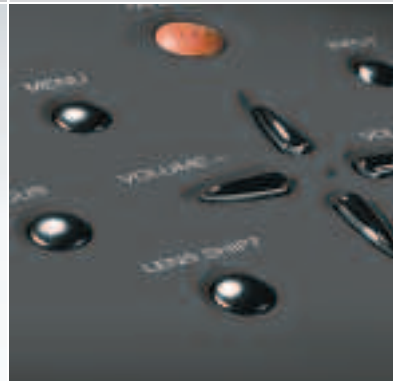
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The Christie LW300 offers a user-replaceable 300W NSH lamp, 3000 ANSI lumens for high brightness, wide-screen images.



With maximum input flexibility, the Christie LW300 connects to virtually any source and provides quick, single-button direct access control.

SCAN RATES

- Horizontal: 15 to 100 kHz
- Vertical: 48 to 100 Hz
- Pixel Clock: 180 MHz

POWER REQUIREMENTS

- Universal power AC 100 - 240 V, 50/60 Hz
- Power consumption: 450 W maximum
- Thermal dissipation: 1536 BTU/hr

INPUTS, CONTROL & NETWORKING

- DVI-D (HDCP)
- RGB/YpPr/YUV: 5 BNC
- 1 Composite video, 1 S-Video
- RS232 via 8-pin mini DIN
- 1 USB type B
- Two built-in 2W RMS speakers (per channel) and amplifier
- Optional ChristieNET™ for connection to TCP/IP network
- IR remote keypad and mouse control

VERTICAL LENS SHIFT

- Up to $\pm 100\%$ offset

OPTIONAL LENSES

The LW300 is offered in a lens-less configuration. Choose the lens appropriate for your application:

- Fixed short throw 0.7:1 lens
- Medium throw 1.2 - 1.7:1 zoom lens
- Standard throw 1.7 - 2.1:1 zoom lens
- Long throw 2.2 - 4.0:1 zoom lens
- Ultra long throw 3.9 - 5.6:1 zoom lens

ENVIRONMENTAL

- Operating temperature: 5 - 35° C (storage: 10 - 60° C)
- Operating humidity: 20 - 80% (storage 0 - 90%)

DIMENSIONS

- Weight: 17.4 lbs (7.9 kg) without lens
- Size: 12.6 x 6.6 x 16.9" (320 x 167 x 430 mm)

ANTI-THEFT SECURITY

- Compatible with Kensington® style security mechanisms

REGULATORY APPROVALS

- Complies with all relevant worldwide EMC and Safety standards
- The product complies with FCC class B, CE mark and safety requirements IEC950 (EN60950), UL1950/cUL
- RoHS and WEEE compliant

WARRANTY

- Product warranty, 3 years parts and labor (excluding lamp)
- Lamp warranty 120 days or 500 hrs, whichever comes first

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

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