

CHRISTIE DW30

Widescreen Wow for Incredible High Def Images

Uses

Worship

Conference rooms

Boardrooms

Home cinema

Training rooms

The Christie DW30 is a wide-screen format, single-chip DLP™ projector using native 720p resolution to deliver exceptional 3000 lumen images with superior color accuracy.

For use in forward-thinking businesses, worship settings and home cinemas, native 1280 x 720 resolution provides stunning displays. The Christie DW30 uses next generation single-chip DLP™ technology and dual lamps for bright, crisp, clean images with perfect color saturation and spectacular video.

The Christie DW30 includes Picture in Picture, seamless switching, 10-bit processing, edge-blending and optional image warping – to create the perfect image in virtually any environment. The compact design, optional ceiling mount, stacking frame and full-lens suite make installations possible virtually anywhere.

With optional input modules such as HD15, HD-SDI, SDI and an HDCP-compliant on-board DVI interface, the Christie DW30 offers compatibility and flexibility for virtually any source including the latest wide-screen PCs through to digital HDTV.

An easy-to-use graphic interface with auto set-up, on-screen help and direct key access make this powerhouse easy to operate.

Christie DW30 – widescreen “wow” for stunning images.



Christie DW30

Specifications



An internal motorized iris adjusts for higher contrast and deeper blacks for the finest, sharpest details possible.

IMAGE

- 3000 ANSI lumens (dual lamp, +/- 10%)
- 1500 ANSI lumens (single lamp, +/- 10%)
- 90% brightness uniformity across the screen
- Contrast ratio – variable, 1100:1 up to 5000:1 when using light shutter

DISPLAY TECHNOLOGY AND RESOLUTION

- 1-chip 0.8" Darkchip3™ DMD
- Native 720p resolution (1280 x 720)

INPUT SIGNAL COMPATIBILITY

- VGA through to QXGA (2048 x 1536)
- Accepts current HDTV/DTV formats
- Multi-standard video decoder
- Horizontal and vertical scaling, all inputs

SCAN RATES

- Horizontal – 15 kHz to 120 kHz
- Vertical – 23.97 Hz to 150 Hz

LENS MOUNT

- Motorized horizontal and vertical offset
- Tool-free lens insertion system
- Scheimpflug (tilt) adjustment
- Built-in light shutter
- Internal electromechanical iris

LAMP

- Dual Osram P-VIP® 300W lamps
- 2000 hours lamp life (typical)
- Variable lamp power

POWER REQUIREMENTS

- 100 VAC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: Single lamp: 480W; Dual lamp: 840W
- Thermal dissipation: 2869 BTU/hr
- Operating current: 4.8A @ 100V, 2.0A @ 240V (single lamp); 8.4A @ 100V, 3.4A @ 240V (dual lamp)



The 10-bit Image Processing Module offers Picture in Picture, high bandwidth signal processing, optional image warping capability and seamless switching between sources.



A full suite of lenses offers extreme flexibility for any sizes screen.

PIXEL CLOCK

- 220 MHz

INPUTS, CONTROL & NETWORKING

- RGBHV/YpPr: 5 BNC
- DVI-I: digital/analog RGB/YpPr (HDCP compliant)
- One composite video, one S-Video
- Single option slot for analog or digital interface module
- RS-232 input and output ports and RS-422 port
- On-board ChristieNET™ connectivity (RJ45)
- Built-in backlit keypad and IR remote control

ADVANCED FEATURE SET

- Auto set-up, power-up feature
- On-screen help
- 50 channel memories
- Picture in Picture
- Seamless switching
- Optional image warping
- Status LED display

DIMENSIONS

- Weight: 36 lb (16 kg)
- Size: 20.1" L x 14.7" W x 10.1" H (374mm L x 510mm W x 256mm H)

STANDARD ACCESSORIES

- Line cord
- Wireless remote unit with laser pointer
- User manual
- Computer cable (D-sub15 to DVI-I)
- Wired remote control cable
- DVI-I cable
- S-Video cable

OPTIONAL ACCESSORIES

- Fixed lenses: 0.88:1, 1.31:1
- Zoom lenses: 1.42-1.86:1, 1.86-2.73:1, 2.73-4.38:1, 4.38-7.66:1
- Shipping case
- Ceiling mount
- Stacking kit
- Input modules: HD15, SDI, Dual SD/HD-SDI, DVI/DFP
- KoRE™ 10-bit librarian

OPERATING ENVIRONMENT

- Operating temp: 50 to 95° F (10 to 35° C)
- Operating humidity: 20 – 80% non-condensing
- Audible noise: 39dB

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC (pending)
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns

WARRANTY

- 3 years parts and labor (including light engine)
- Lamp: 120 days or 500 hours, whichever comes first



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Certificate # 601

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