

# CHRISTIE GS SERIES

## Long-life 1DLP laser projectors

Boardrooms

Conference rooms

Education spaces

Government

Live event staging

Museums

Themed parks and attractions

Worship facilities



**CHRISTIE®**

# LONG-LIFE LASER PROJECTORS WITH A LOW COST OF OWNERSHIP



^ 630-GS and 635-GS available only in white except for China, where it is only available in black.

Avoid downtime, cost of lamp replacements and maintenance by choosing the Christie® GS Series of solid state illumination projectors for your next project. From business venues to events and beyond, professional-grade Christie GS Series models deliver great performance and reliability in high-usage environments.

Featuring laser phosphor illumination, the Christie GS Series typically provides 20,000 hours of low-cost operation. Wireless connectivity, a small footprint, lightweight, quiet operation and a full suite of lenses makes the GS Series ideal for boardrooms, conference rooms, education, worship facilities, live event staging and other small and medium venues.

Our Christie BoldColor™ Technology in the 850-GS and 1075-GS models takes 1DLP® laser phosphor to even higher levels of brightness and image quality with even more accurate color reproduction.



› 850-GS is available in black or white.  
The 1075-GS is available in black only.



# Christie GS Series

All Christie® GS Series projectors deliver accurate color reproduction, image quality and high brightness. Christie 850-GS and 1075-GS models include Christie BoldColor™ Technology for the most life-like images and natural color reproduction possible with laser phosphor illumination – an industry first.

| Technical Specifications |  | Christie DWU630-GS  | Christie DHD630-GS  |
|--------------------------|--|---|---|
| Image                    | brightness   | <ul style="list-style-type: none"> <li>• 6750 ISO lumens (typical)</li> <li>• 6000 ANSI lumens (typical)</li> </ul>   | <ul style="list-style-type: none"> <li>• 6125 ISO lumens (typical)</li> <li>• 5900 ANSI Max</li> <li>• 5400 ANSI (typical)</li> </ul> |
|                          | color wheel  | • 4 segment (RGBY) – 2X or 3X speed   |   |
|                          | contrast (full on/full off)  | <ul style="list-style-type: none"> <li>• Full on/off (Christie RealBlack™ enabled): 300,000:1 • Dynamic contrast 6000:1</li> <li>• Full on/off (Christie RealBlack disabled): 1200:1, ANSI 250:1</li> </ul>   |   |
| Display technology       | type   | • 1-chip 0.67" DMD S600HB   |   |
|                          | native resolution  | • 1920 x 1200 (2,304,000 pixels) (16:10)  |   |
|                          | color control  | • Features precise software color adjustments for hue, saturation and gain. Adjust the hue of each primary color component  |   |
| Illumination             | type   | • High Efficiency Blue Laser Phosphor   |   |
|                          | performance  | • 20,000 hrs to 50% brightness  |   |
| Inputs                   | standard   | <ul style="list-style-type: none"> <li>• HDMI x 2 (HDCP 1.3)</li> <li>• DVI-D x 1 (digital only) • VGA x 1</li> <li>• Remote in: 3.5mm stereo female (provides serial communications and power)</li> <li>• HDBaseT (RJ45 x 1) • RJ45 x 1 (Control over wired network connection)</li> </ul>   |   |
|                          | 3D   | <ul style="list-style-type: none"> <li>• HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side</li> <li>• Up to 144Hz output • Does not support Frame Sequential 3D</li> <li>• 3D Sync out (BNC) - for genlocking projectors or controlling emitter or polarizer</li> </ul>  |   |
|                          | signals  | <ul style="list-style-type: none"> <li>• HDTV formats VGA through to WUXGA (1920 x 1080)</li> <li>• Horizontal and vertical scaling while maintaining aspect ratio (all inputs)</li> </ul>  |   |
|                          | pixel clock  | • 162 MHz (1600 x 1200); 154 MHz (1920 x 1200)  |   |
|                          | scan rates   | • Horizontal: 15-91kHz • Vertical: 24-120Hz   |   |
|                          | monitor out  | • VGA x 1   |   |
| Warping and blending     | • None   |   |   |
| Control and networking   | <ul style="list-style-type: none"> <li>• RS232 in • Control via HDBaseT</li> <li>• Ethernet (10/100) RJ45</li> <li>• Built-in backlit keypad • IR remote</li> <li>• Wired remote control (3.5mm stereo)</li> </ul>   |   |   |
| Lens mount               | type   | • Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment  |   |
| Lenses                   | 0.36:1 Fixed UST lens offsets  | • Fixed   |   |
|                          | 075 - 5.50 TR Lenses offsets   | <ul style="list-style-type: none"> <li>• ±100% Vertical (540 pixels)</li> <li>• ±30% Horizontal (288 pixels)</li> </ul>   |   |
|                          | optional   | <ul style="list-style-type: none"> <li>• 0.75-0.95: Lens 0.75-0.95 Zoom G (140-119102-XX)</li> <li>• 0.95-1.22: Lens 0.95-1.22 Zoom G (140-101103-XX)</li> <li>• 1.22-1.52: Lens Zoom HP G/GS 1.22-1.52 (140-131106-XX)</li> <li>• 1.52-2.89: Lens 1.52-2.89 Zoom G (140-102104-XX)</li> <li>• 2.90-5.50: Lens 2.9-5.50:1 Zoom G (140-107109-XX)</li> <li>• Lens UST 0.36 (120") Ultra short throw lens, (140-133108-01)</li> </ul> |   |
| Accessories              | standard   | • IR remote with wired remote jack (wire not included) • AC line cord for projector head • User manual  |   |
|                          | optional   | <ul style="list-style-type: none"> <li>• Christie One Mount (108-506102-01)</li> <li>• One Mount Extender Rod (121-125109-01)</li> <li>• One Mount Rigging Kit (used with One Mount, One Mount Plus and/or One Mount Extender Rod) (121-126100-01)</li> <li>• Cable Cover GS White (140-106108-01)</li> </ul>   |   |
| Power requirements       | operating voltage  | • Normal: 100-240 VAC @ 50/60 Hz  |   |
|                          | power consumption  | • Normal mode: 650W   |   |
|                          | operating current  | • Normal mode: 9.5A (100V-240V)   |   |
|                          | dissipation  | <ul style="list-style-type: none"> <li>• Normal Mode: 2218 BTU/hr</li> <li>• ECO2 Mode: 1068 BTU/hr</li> </ul>  |   |
| Audible noise            | • Standard mode: 36dB(A) • Eco2 mode: 34dB(A)  |   |   |
| Physical                 | size   | • (LxWxH): 19.9 x 18.0 x 7.5" (505 x 456 x 190mm) w/o feet or lens  |   |
|                          | shipping size  | • (LxWxH): 24.7 x 23.5 x 13.7" (626 x 596 x 349mm)  |   |
|                          | weight   | • 34.94lbs (15.85kg) w/o lens   |   |
|                          | shipping weight  | • 47.06lbs (21.35kg)  |   |
| Environment              | operating conditions   | • 32-104°F (0-40°C) • Humidity: 10-85% non-condensing   |   |
| Regulatory               | <ul style="list-style-type: none"> <li>• This product conforms to all relevant European directives, standards, safety, health and environmental concerns</li> <li>• Directives: RoHS • REACH • WEEE • Contact Christie for timing of certifications: UL/CSA/IEC 60950-1</li> <li>• FCC Class A • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • TER</li> </ul> |   |   |
| Warranty                 | <ul style="list-style-type: none"> <li>• Three years on the projector • Three years or 20,000 hours on the illumination system<sup>1</sup></li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>  |   |   |

<sup>1</sup> Reference the Christie Standard Limited Warranty document for details.

## Christie DWU850-GS

- 8400 ISO lumens (typical)
- 7500 ANSI lumens (typical)

## Christie DHD850-GS

- 7750 ISO lumens (typical)
- 6900 ANSI lumens (typical)

- Full on/off (Christie RealBlack enabled): 300,000:1 • Dynamic Contrast: 6000:1

- 1-chip 0.67" DMD
- 1920 x 1200 (2,304,000 pixels) (16:10)

ent (red, green, blue and white) for perfecting images on an individual projector or for matching colors across multiple adjacent displays

- Laser phosphor with Christie BoldColor Technology

- HDMI x 2 (HDCP 1.3) (one on side panel, one on bottom) • 3GSDI x 1 (BNC)
- DVI x 1 (digital only); VGA x 1
- USB x 1 (Type A); Mini USB x 1 (Type B)
- RS232 in • Control via HDBaseT
- Ethernet (10/100) RJ45
- Built-in backlit keypad
- Wired remote control (3.5mm stereo) - loop out available for daisy chaining
- HDMI 1.4, HDBaseT - frame packed, top/bottom, side-by-side/frame sequential (up to 120 Hz)
- Up to 120 Hz output • 3D Sync in (BNC) - for genlocking projectors
- 3D Sync out (BNC) - for genlocking projectors or controlling emitter or polarizer

- 3GSDI x 1 (BNC)
- HDMI x 1 out

- Embedded warping and blending (no option board required)

- RS-232 in • Control via HDBaseT
- Ethernet (10/100) RJ-45 with ChristieNET™ connectivity
- Built-in backlit keypad
- Wired remote control (3.5mm stereo) - loop out available for daisy chaining

- ±100% Vertical (±648 pixels)
- ±30% Horizontal (±288 pixels)

- Lens 0.36 (120") Ultra short throw lens
- Lens 0.75-0.95 Zoom G/GS
- Lens 0.95-1.22 Zoom G/GS
- Lens Zoom HP G/GS 1.22-1.52 Zoom G/GS
- Lens 1.52-2.89 Zoom G/GS
- Lens 2.9-5.50:1 Zoom G/GS

- Christie One Mount (108-506102-01)
- One Mount Extender Rod (121-125109-01) • Wireless dongle (133-113106-01)
- One Mount Rigging Kit (used with One Mount, One Mount Plus and/or One Mount Extender Rod) (121-126100-01)

- Normal: 100-240 VAC @ 50/60Hz (w/ 15A fuse)

- Normal mode: 900W

- Normal mode: 9A (100V-240V)

- 3071 BTU/hr (Normal mode)
- 1689 BTU/hr (ECO2 mode)

- (LxWxH): 18.9 x 21.9 x 7.5" (480 x 555 x 190mm) w/o feet or lens

- (LxWxH): 23.6 x 29.9 x 14.7" (599 x 759 x 373mm)

- 23.7kg (52.4lb.) w/o lens

- 30kg (66.3lb.)

### Christie DWU1075-GS

- 10,875 ISO lumens (typical)
- 9500 ANSI lumens (typical)

### Christie DHD1075-GS

- 10,000 ISO lumens (typical)
- 8800 ANSI lumens (typical)

- Full on/off (Christie RealBlack enabled): 300,000:1 • Dynamic contrast: 6000:1
- Full on/off (Christie RealBlack disabled): 1200:1 • ANSI 250:1

- ±100% Vertical (±600 pixels)
- ±30% Horizontal (±288 pixels)

- Christie One Mount Plus (140-117100-XX)
- One Mount Extender Rod (121-125109-01) • Wireless dongle (133-113106-01)
- One Mount Rigging Kit (used with One Mount, One Mount Plus and/or One Mount Extender Rod) (121-126100-01)

- Normal mode: 1070W
- Normal mode: 10A (100V-240V)
- Normal Mode: 3651 BTU/hr
- ECO2 Mode: 1843 BTU/hr

- 24.9kg (54.9lb.)
- 31.7kg (69.9lb.)

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