

CHRISTIE GS SERIES DWU850-GS / DHD850-GS

Auditoriums | Boardrooms | Conference rooms | Education spaces
Government | Hotels | Museums | Worship facilities

Performance and reliability for high-usage environments

Avoid downtime, cost of lamp replacements and maintenance by choosing the Christie® DHD850-GS or DWU850-GS 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.

Enjoy bright and vibrant visuals in all environments thanks to Christie RealBlack™ technology advancements. DHD850-GS or DWU850-GS projectors provide 20,000 hours and up to 8,400 lumens of low-cost operation. Wireless connectivity, built-in warping and blending, lightweight, quiet operation and a full suite of lenses make the GS Series models ideal for boardrooms, conference rooms, education, worship facilities, hotels and other small and medium venues.



CHRISTIE®

| Technical specifications | | Christie DWU850-GS | Christie DHD850-GS |
|--------------------------|-------------------------------|--|---|
| Image | brightness | <ul style="list-style-type: none"> • 8400 ISO lumens (typical) • 7500 ANSI lumens (typical) | <ul style="list-style-type: none"> • 7750 ISO lumens (typical) • 6900 ANSI lumens (typical) |
| | color wheel | • 4 segment (RGBY) – 2X or 3X speed | |
| | contrast (full on/full off) | • Full on/off (Christie RealBlack enabled): 300,000:1 • Dynamic Contrast: 6000:1 | |
| Display technology | type | • 1-chip 0.67" DMD | |
| | native resolution | • 1920 x 1200 (2,304,000 pixels) (16:10) | |
| | performance | • Features precise software color adjustments for hue, saturation and gain. Adjust the hue of each primary color component (red, green, blue and white) for perfecting images on an individual projector or for matching colors across multiple adjacent displays | |
| Illumination | type | • Laser phosphor with Christie BoldColor Technology | |
| | performance | • 20,000 hrs to 50% brightness | |
| Inputs | standard | <ul style="list-style-type: none"> • 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 | |
| | 3D | <ul style="list-style-type: none"> • 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 | |
| | signals | • HDTV formats VGA through to WUXGA (1920 x 1080) | |
| | pixel clock | • Horizontal and vertical scaling while maintaining aspect ratio (all inputs) | |
| | scan rates | • 162 MHz (1600 x 1200); 154 MHz (1920 x 1200) | |
| | scan rates | • Horizontal: 15-91kHz • Vertical: 24-120Hz | |
| Signal outputs | monitor out | <ul style="list-style-type: none"> • 3GSDI x 1 (BNC) • HDMI x 1 out | |
| Warping and blending | | • Embedded warping and blending (no option board required) | |
| Control and networking | | <ul style="list-style-type: none"> • 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 | |
| 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"> • ±100% Vertical (540 pixels) • ±30% Horizontal (288 pixels) | |
| | optional | <ul style="list-style-type: none"> • 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 | |
| Accessories | standard | <ul style="list-style-type: none"> • IR remote with wired remote jack (wire not included) • AC line cord for projector head • User manual • QwikRig Rigging Frame (140-128102-02) • Christie One Mount Plus (140-117100-XX) | |
| | optional | <ul style="list-style-type: none"> • 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) | |
| Power requirements | operating voltage | • Normal: 100-240 VAC @ 50/60Hz (w/ 15A fuse) | |
| | power consumption | • Normal mode: 900W | |
| | operating current | • Normal mode: 9A (100V-240V) | |
| | dissipation | <ul style="list-style-type: none"> • 3071 BTU/hr (Normal mode) • 1689 BTU/hr (ECO2 mode) | |
| Audible noise | | • Standard mode: 37dB(A) • Eco2 mode: 34dB(A) | |
| Physical | size | • (LxWxH): 18.9 x 21.9 x 7.5" (480 x 555 x 190mm) w/o feet or lens | |
| | shipping size | • (LxWxH): 23.6 x 29.9 x 14.7" (599 x 759 x 373mm) | |
| | weight | • 52.4lb (23.7kg) w/o lens | |
| | shipping weight | • 66.3lb (30kg) | |
| Environment | operating conditions | • 32-104°F (0-40°C) • Humidity: 10-85% non-condensing | |
| Regulatory | | <ul style="list-style-type: none"> • This product conforms to all relevant European directives, standards, safety, health and environmental concerns • Directives: RoHS • REACH • WEEE • Contact Christie for timing of certifications: UL/CSA/IEC 60950-1 • FCC Class A • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • TER | |
| Warranty | | <ul style="list-style-type: none"> • Three years on the projector • Three years or 20,000 hours on the illumination system¹ • Contact an authorized Christie representative for full details of our limited warranty | |

¹ Reference the Christie Standard Limited Warranty document for details.

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

Copyright 2023 Christie Digital Systems USA, Inc. All rights reserved. Our centers of excellence for manufacturing in Kitchener, Ontario, Canada and in Shenzhen, China are ISO 9001:2015 Quality Management System-certified. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. "Christie" is a trademark of Christie Digital Systems USA, Inc., registered in the United States of America and certain other countries. DLP® and the DLP Logo are registered trademarks of Texas Instruments. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.
CD3854-Christie-GS-Series-850-GS-Datasheet-Sept-23-EN

