

# Christie GS Series

Boardroom  
Conference rooms  
Government

Higher education  
Houses of worship  
Location-based entertainment



## Long-life laser phosphor projectors with a low-cost of ownership

Avoid the down-time, 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 an astonishing 20,000 hours of low-cost operation. Wireless connectivity,

a small footprint, low-weight, quiet operation and a full suite of lenses makes the GS Series ideal for boardrooms, conference rooms, education, houses of worship and other small and medium venues. With proprietary Christie BoldColor Technology in our 850-GS models, we've taken 1DLP® laser phosphor to even higher levels of brightness, image quality and accurate color reproduction. Backed by industry-leading warranties and service, you can be confident in your investment.

**CHRISTIE®**

# Christie GS Series

Christie 599-GS models are available in two resolutions: HD and WUXGA. All of these projectors deliver accurate color reproduction, image quality and high-brightness. Christie 850-GS models include Christie BoldColor Technology for the most life-like images and natural color reproduction possible with laser phosphor illumination – an industry first.



▶ 599-GS available in white or black

		Christie DHD599-GS	Christie DWU599-GS
Image	brightness	<ul style="list-style-type: none"> <li>• 5625 ISO lumens (typical)</li> <li>• 5000 Center lumens (typical)</li> <li>• 5000 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 6065 ISO lumens (typical)</li> <li>• 5400 Center lumens (typical)</li> <li>• 5400 ANSI lumens (typical)</li> </ul>
	contrast (full on/full off)	• Full On/Off (Christie RealBlack™ enabled): 1,500,000:1 • Full On/Off (Christie RealBlack disabled): 1200:1, ANSI 250:1	
Display technology	type	• 1-chip 0.65" DMD	• 1-chip 0.67" DMD
	native resolution	• 1920 x 1080 (2,073,600 pixels) (16:9)	• 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 (red, green, blue and white) for perfecting images on an individual projector or for matching colors across multiple adjacent displays	
Illumination	type	• Solid state (laser phosphor)	
	estimated life	• 20,000 hrs	
Inputs	standard	<ul style="list-style-type: none"> <li>• HDMI x 1 • DVI-D x 1 (digital only) • DisplayPort x 1 • VGA x 1 • Composite video x 1 (RCA)</li> <li>• S-Video x 1 (mini DIN) • USB x 1 (type B mini) - display over USB • Component x 1 (Y/Pb/Pr)</li> <li>• USB x 1 (type A) - image viewer or WiFi® dongle (optional) • HDBaseT x 1 • RJ-45 x 1 (ChristiePresenter over wired network connection)</li> </ul>	
	3D		
	signals	<ul style="list-style-type: none"> <li>• HDTV formats VGA through to WUXGA (1920 x 1200)</li> <li>• Horizontal and vertical scaling while maintaining aspect ratio (all inputs)</li> </ul>	
	pixel clock	• 162 MHz	
	scan rates	• Horizontal: 15-100kHz • Vertical: 24-85Hz	
	Signal outputs	monitor out	• VGA x 1
Control and networking		<ul style="list-style-type: none"> <li>• RS-232 in • Ethernet (10/100) RJ-45 with ChristieNET™ connectivity • Built-in backlit keypad</li> <li>• Wired remote control (3.5mm stereo) • Compatible with Crestron Connected, AMX Discovery</li> </ul>	
Lens mount	type	<ul style="list-style-type: none"> <li>• Tool-free lens insertion system • Boresight adjustable • Motorized horizontal and vertical lens offset</li> <li>• Motorized zoom and focus adjustment</li> </ul>	
Lenses	offsets	<ul style="list-style-type: none"> <li>• ±120% Vertical (±648 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>	<ul style="list-style-type: none"> <li>• ±100% Vertical (±600 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) • 0.95-1.22: Lens 0.95-1.22 Zoom G (140-101103-XX)</li> <li>• 1.22-1.52: Lens ZM STD G/555-GS 1.22-1.52 (140-100102-XX) • 1.22-1.52: Lens Zoom HP G/GS 1.22-1.52 (140-131106-XX)</li> <li>• 1.22-1.53: Lens ZM STD G/599-GS 1.22-1.53 (140-132107-XX) • 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>• Mechanical lens-shift range: ±50% (WUXGA) or ±60% (HD) Vertical, ±15% Horizontal</li> </ul>	
Accessories	standard	<ul style="list-style-type: none"> <li>• IR Remote with wired remote jack (wire not included) • AC line cord for projector head • User manual</li> </ul>	
	optional	<ul style="list-style-type: none"> <li>• 1DWUSB-BGN (wireless dongle for video and control) (133-113106-01)</li> <li>• Warp module (133-111104-01)</li> <li>• Cable cover (140-106108-01 white, 140-106119-01 black)</li> <li>• Christie One Mount (108-506102-XX)</li> <li>• Portrait Side Cover (140-108100-01 white, 140-108111-01 black)</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> </ul>	
Power requirements	operating voltage	• 100-240 VAC @ 50/60Hz	
	power consumption	• 550W max • 280W Eco mode	
	operating current	• 6.0A max	
	dissipation	• Full power mode: 1875.5 BTU/hr ±15% • Eco mode: 954.8 BTU/hr ±15%	
Audible noise	• Standard mode: 38dB(A) • Eco mode: 34dB(A)		
Physical	size	• (LxWxH): 19.9 x 18.0 x 7.5" (505 x 456 x 190mm) w/o feet	
	shipping size	• (LxWxH): 24.6 x 23.5 x 13.4" (626 x 596 x 341mm)	
	weight	• 36lbs (16.5kg) without lens	
	shipping weight	• 49.2lbs (22.3kg)	
Environment	• Operating temperature: 40-104°F (5-40°C) • Humidity (non-condensing): 10-85%		
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</li> <li>• UL/CSA/IEC 60950-1 • FCC Class A • FDA • CE • CCC • KC • EAC • PSE • EAC • BIS • RCM • Ukr • TER • SASO</li> </ul>		
Warranty	<ul style="list-style-type: none"> <li>• Three years on the projector • Three years or 15,000 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.



◀ 700-GS available in black or white and 850-GS with BoldColor Technology available in black or white

Christie DHD700-GS	Christie DWU700-GS	Christie DHD850-GS	Christie DWU850-GS
<ul style="list-style-type: none"> <li>• 6625 ISO lumens (typical)</li> <li>• 6300 Center lumens (typical)</li> <li>• 5900 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 7300 ISO lumens (typical)</li> <li>• 7000 Center lumens (typical)</li> <li>• 6500 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 7750 ISO lumens (typical)</li> <li>• 7350 Center lumens (typical)</li> <li>• 6900 ANSI lumens (typical)</li> </ul>	<ul style="list-style-type: none"> <li>• 8400 ISO lumens (typical)</li> <li>• 8000 Center lumens (typical)</li> <li>• 7500 ANSI lumens (typical)</li> </ul>
<ul style="list-style-type: none"> <li>• Full On/Off (Christie RealBlack enabled): 300,000:1 • Dynamic Contrast: 6000:1 • Full On/Off (Christie RealBlack disabled): 1200:1, ANSI: 250:1</li> </ul>			
<ul style="list-style-type: none"> <li>• 1-chip 0.65" DMD</li> <li>• 1920 x 1080 (2,073,600 pixels) (16:9)</li> </ul>	<ul style="list-style-type: none"> <li>• 1-chip 0.67" DMD</li> <li>• 1920 x 1200 (2,304,000 pixels) (16:10)</li> </ul>	<ul style="list-style-type: none"> <li>• 1-chip 0.65" DMD</li> <li>• 1920 x 1080 (2,073,600 pixels) (16:9)</li> </ul>	<ul style="list-style-type: none"> <li>• 1-chip 0.67" DMD</li> <li>• 1920 x 1200 (2,304,000 pixels) (16:10)</li> </ul>
<ul style="list-style-type: none"> <li>• Solid state (laser phosphor)</li> </ul>		<ul style="list-style-type: none"> <li>• Solid state (laser phosphor) with Christie BoldColor Technology</li> </ul>	
<ul style="list-style-type: none"> <li>• HDMI x 2 (one on rear panel, one of bottom of projector, independently selectable) • 3GSDI x 1 (BNC)</li> <li>• DVI-D x 1 (Digital only) • VGA x 1 • USB x 1 (type B mini) - display over USB • USB x 1 (type A) - image viewer or WiFi dongle (optional)</li> <li>• HDBaseT (RJ-45 x 1) • RJ-45 x 1 (ChristiePresenter over wired network connection)</li> <li>• HDMI 1.4, HDBaseT - frame packed, top/bottom, side by side, up to 120Hz output</li> <li>• 3D Sync in (BNC) - for genlocking projectors</li> <li>• 3D Sync out (BNC) - for genlocking projectors or controlling emitters</li> </ul>			
<ul style="list-style-type: none"> <li>• Horizontal: 15-91kHz • Vertical: 24-85Hz</li> <li>• 3GSDI x 1 (BNC)</li> <li>• RS-232 in • Control via HDBaseT • Ethernet (10/100) RJ-45 with ChristieNET connectivity • Built-in backlit keypad</li> <li>• Wired remote control (3.5mm stereo) - Loop out available for daisy chaining</li> <li>• Boresight adjustable • Motorized horizontal and vertical lens offset</li> <li>• Motorized zoom and focus adjustment</li> </ul>			
<ul style="list-style-type: none"> <li>• ±120% Vertical (±648 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>	<ul style="list-style-type: none"> <li>• ±100% Vertical (±600 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>	<ul style="list-style-type: none"> <li>• ±120% Vertical (±648 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>	<ul style="list-style-type: none"> <li>• ±100% Vertical (±600 pixels)</li> <li>• ±30% Horizontal (±288 pixels)</li> </ul>
<ul style="list-style-type: none"> <li>• 0.75-0.95: Lens 0.75-0.95 Zoom G (140-119102-XX) • 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) • 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>• Mechanical lens-shift range: ±50% (WUXGA) or ±60% (HD) Vertical, ±15% Horizontal</li> </ul>			
<ul style="list-style-type: none"> <li>• IR Remote with wired remote jack (wire not included) • AC line cord for projector head • Rear input/keypad panel cover • User manual</li> <li>• QwikRig Rigging Frame (140-128102-02)</li> <li>• Christie One Mount Plus (140-117100-XX)</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>• Wireless dongle (133-113106-01)</li> </ul>			
<ul style="list-style-type: none"> <li>• Normal mode: 765W ±15% (220V), 790W ±15% (110V)</li> <li>• Normal mode: 3.6A ±15% (220V), 7.3A ±15% (110V)</li> <li>• Normal mode: 2609 BTU/hr (220V), 2694 BTU/hr (110V)</li> <li>• Standard mode: 35dB(A) • Eco Mode: 32dB(A)</li> <li>• (LxWxH): 22.2 x 19.2 x 7.6" (555 x 480 x 190mm) w/o feet</li> <li>• (LxWxH): 30.4 x 24.1 x 14.9" (759 x 599 x 373mm)</li> <li>• 52.4lbs (23.7kg)</li> <li>• 66.3lbs (30kg)</li> <li>• Operating temperature: 32-104°F (0-40°C) • Humidity (non-condensing): 10-85%</li> </ul>		<ul style="list-style-type: none"> <li>• Normal mode: 820W ±15% (220V), 850W ±15% (110V)</li> <li>• Normal mode: 3.9A ±15% (220V), 7.8A ±15% (110V)</li> <li>• Normal mode: 2796 BTU/hr (220V), 2900 BTU/hr (110V)</li> </ul>	
<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</li> <li>• Contact Christie for timing of certifications: UL/CSA/IEC 60950-1 • FCC Class A • CE • FDA • CCC • KC • PSE • EAC • SABS • BIS • VCCI • RCM • Ukr • TER • SASO</li> </ul>			

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ISO 9001  
ISO 14001

Kitchener, Ontario



For the most current specification information, please visit [www.christiedigital.com](http://www.christiedigital.com)



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