

CHRISTIE HS SERIES DWU15-HS

Hospitality | Large venues | Live events | Meeting rooms and boardrooms
Museums | Places of worship | Rental and staging | Theme parks and attractions

Power is freedom.

Enjoy the freedom of unrestricted power. With 15,750 lumens, the Christie® DWU15-HS is the lightest and brightest 1DLP® laser projector to operate at full-brightness on a single 10A, 120V circuit. There's no need for high-power runs. Simply plug it into a standard 120V outlet and start the show!

Your audience will enjoy incredible brightness and WUXGA resolution, plus enhanced color performance—with deeper blacks, and more natural and realistic onscreen visuals—thanks to our new Christie BoldColor+™ technology. A long-lasting and reliable laser light source plus the affordability of 1DLP technology make this projector a cost-effective option for high-use applications.

The DWU15-HS supports active and passive polarized 3D right out of the box, and for extra peace of mind, it comes with a 5-year warranty.

With built-in Christie Twist™, you have the tools you need to quickly and easily set up and align irregular screens and multi-projector displays. And the option to add Christie Mystique™ automated camera-based alignment software lets you quickly stage, install, align, and recalibrate multi-projection systems in minutes.



CHRISTIE®

Technical specifications

DWU15-HS / DWU15A-HS (TAA)

Image	brightness (lumens)	<ul style="list-style-type: none"> • 15,750 ISO • 14,000 ANSI 	
	color wheel	• 4 segment (RGBY) – 2x or 3x speed	
	contrast (nominal)	<ul style="list-style-type: none"> • Christie RealBlack™ enabled: 4,000,000:1 • Christie RealBlack disabled: 1200:1 	
Display technology	type	• 1 x 0.96" DMD	
	native resolution	• 1920 x 1200 (2,304,000 pixels) (16:10)	
Illumination	type	• Laser phosphor with Christie BoldColor+™ technology utilizing a blue and a red laser	
	performance	• 20,000 hours to 50% brightness	
Signal Inputs	standard	<ul style="list-style-type: none"> • HDMI 2.0b x 2 (HDCP 1.4/2.2) (one on rear panel, one on bottom) • 3G-SDI x 1 (BNC) • DP x 1 • USB x 1 (Type A) • WiFi dongle (optional) • HDBaseT (RJ45) x 1 	
	signals	<ul style="list-style-type: none"> • HDTV formats VGA through to WUXGA (1920 x 1200) • Horizontal and vertical scaling while maintaining aspect ratio (all inputs) 	
	3D	<ul style="list-style-type: none"> • HDMI 1.4, HDBaseT – frame packed, top/bottom, side-by-side (up to 120Hz output); frame sequential @1080p up to 120Hz • 3D sync in (BNC) – for genlocking projectors • 3D sync out (BNC) – for genlocking projectors, or controlling emitter or polarizer • Active shuttered and passive polarized stereoscopic 3D 	
	pixel clock	• 600 MHz	
	scan rates	• Horizontal: 15-91kHz • Vertical: 24-120Hz	
	Signal outputs	monitor out (loop-through)	• 3GSDI x 1 (BNC) • HDMI x 1 (HDMI out)
	Control and networking		<ul style="list-style-type: none"> • HDBaseT (RJ45 x 1) • RJ45 x 1 (Ethernet Control over wired network connection) • RS232 x 1 • Built-in backlit keypad • IR Remote
		<ul style="list-style-type: none"> • Remote in: 3.5mm stereo female (provides serial communications and power) • Loop out available for daisy chaining • DC JACK 12VDC, 200 mA 	
Warping and blending	mount type	• Christie Twist™	
	optional	<ul style="list-style-type: none"> • Christie Twist Premium and Twist Pro • Christie Mystique™ automated camera-based alignment 	
TAA-compliant		• Yes	
Lenses	mount type	<ul style="list-style-type: none"> • Boresight adjustable • Motorized horizontal and vertical lens offset (memory available) • Motorized zoom and focus adjustment (memory available for full ILS lenses) 	
	lens options	• 0.38:1 UST lens	
	zoom/focus memory	• 1.2-1.5:1 zoom lens • 1.5-2.0:1 zoom lens • 2.0-4.0:1 zoom lens • 4.0-7.0:1 zoom lens • 7.2-10.8 zoom lens • 0.65-0.75 zoom lens	
	no zoom/focus memory	• 0.84-1.02:1 zoom lens • 1.02-1.36:1 zoom lens	
	offsets for 0.38:1 UST lens	• +100/-55% Vertical • +4/-28% Horizontal	
	offsets for 0.84-1.02:1	• +108/-74% Vertical • +29/-42% Horizontal	
	offsets for 1.02:1-1.36:1	• +124/-98% Vertical • +40/-49% Horizontal	
offsets for full ILS lenses	• ±140% Vertical • ±50% Horizontal		
Accessories	standard	• IR remote with wired remote jack (wire not included) • AC line cord for projector • Product Safety Guide	
	optional	<ul style="list-style-type: none"> • Christie One Mount Plus (140-117100-XX) • One Mount Extender Rod (121-125109) • One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX) • Christie One Rigging Frame (140-113106-XX) • Fog Filter with Frame (003-005714-XX) • Fog Filter module (003-005715-XX) 	
Power requirements	operating voltage	• Normal mode: 100-240 VAC @ 50/60Hz	
	power consumption	• Normal mode: 1030W • Eco1 mode: 824W Eco2 mode: 515W	
	operating current	• Normal mode: 5.5A (200-240 VAC), 10A (110 VAC)	
	dissipation @ 110V	• Normal mode: 3242 BTU/hr • Eco1 mode: 2532 BTU/hr • Eco2 mode: 1617 BTU/hr	
	dissipation @ 220V	• Normal mode: 3071 BTU/hr • Eco1 mode: 2474 BTU/hr • Eco2 mode: 1590 BTU/hr	
Audible noise		• Standard mode: 38dBA • Eco2 mode: 35dBA (2x wheel speed)	
		• Standard mode: 39dBA • Eco2 mode: 37dBA (3x wheel speed)	
Physical	size	• (LxWxH) 26.65 x 23.46 x 7.99" (677 x 596 x 203mm) without feet	
	shipping size	• (LxWxH) 37.99 x 31.30 x 14.37" (965 x 795 x 365mm)	
	weight	• 91.5lb (41.6kg)	
	shipping weight	• 117.7lb (53.3kg)	
Operating environment	temperature	• 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 • cTUVus • CE • FDA • CCC • KC • PSE • EAC • BIS • VCCI • RCM • Mexico • BSMI 	
Warranty		<ul style="list-style-type: none"> • Five years parts and labor on the projector • Five years or 20,000 hours parts and labor 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. CD4449-DWU15-HS-Datasheet-Apr-24-EN

