

CHRISTIE JAZZ SERIES DWU1800-JS/DWU2400-JS

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Hit the right notes with Jazz

Powered by a new generation of advanced electronics, Christie® Jazz Series 1DLP® laser projectors hit all the right notes with stunning visuals, a compact form factor, and exceptional value. Jazz Series delivers up to 23,750 lumens of colors that pop, deeper blacks, and lifelike contrast, all from a remarkably lightweight chassis, weighing less than 65lbs (30kg).

With Jazz, you get premium performance without the premium price tag.

Reliability you can trust

Get extra peace of mind with our industry-leading five-year warranty and virtually maintenance-free operation that works for you 24/7.

Complete solutions that work for you

Jazz Series seamlessly integrates into a complete Christie solution with features like onboard Twist™ warping and blending, optional Mystique™ automated camera-based alignment, and compatibility with Christie Intelligent Camera.

Key features

- › **Dynamic contrast for lifelike imagery** : Dive into a world of depth and detail with a dynamic contrast ratio of 25,000:1.
- › **Cutting edge, advanced electronics** : Texas Instrument's 0.8" HEP DMD and optical design give you improved color, contrast, and a more efficient cooling system design.
- › **Wide range of lens options** : With nine interchangeable lenses, including ultra-short throw, you can find the lens that works best for your project.
- › **Reliable laser light source** : 20,000 hours in Standard mode and 50,000 hours in ECO1 mode.



CHRISTIE®

Technical specifications		DWU1800-JS / DWU1800-JS (TAA)	DWU2400-JS / DWU2400-JS (TAA)
Image	brightness	<ul style="list-style-type: none"> • 17,800 ISO • 15,000 ANSI 	<ul style="list-style-type: none"> • 23,750 ISO • 20,000 ANSI
	contrast	<ul style="list-style-type: none"> • 4 segment - 3X speed 	
	contrast (nominal)	<ul style="list-style-type: none"> • Christie RealBlack™ enabled: 4,000,000:1 • Christie RealBlack disabled: 1,500: 1 (Native) • Dynamic contrast: 25,000:1 (Center) 	
Display technology	type	<ul style="list-style-type: none"> • 1 x 0.8" HEP DMD 	
	resolution	<ul style="list-style-type: none"> • 1920 x 1200 (2,304,000 pixels) (16:10) 	
Illumination	type	<ul style="list-style-type: none"> • High efficiency blue laser phosphor 	
	performance	<ul style="list-style-type: none"> • 20,000 hours to 50% brightness at full power mode • 50,000 hours to 50% brightness at ECO1 mode 	
Signal Inputs	standard	<ul style="list-style-type: none"> • HDMI 2.0b x 2 (HDCP 1.4/2.2) • 3G-SDI x 1 (BNC) • Display Port x 1 (1.2a) • USB x 1 (Type A) • HDBaseT (RJ45) x 1 	
	signals	<ul style="list-style-type: none"> • Horizontal and vertical scaling while maintaining aspect ratio (all inputs) 	
	3D	<ul style="list-style-type: none"> • HDMI 1.4, HDBaseT - frame packing, top/bottom, side-by-side frame sequential at 1080p up to 120 Hz. • 3D sync in (BNC) - for genlocking projectors 	<ul style="list-style-type: none"> • 3D sync out (BNC) - for genlocking projectors, or controlling emitter or polarizer • Active shuttered
	pixel clock	<ul style="list-style-type: none"> • 600MHz 	
	scan rates	<ul style="list-style-type: none"> • Horizontal: 15.375 kHz ~ 135.0 kHz ; Vertical: 23.98 Hz ~ 120 Hz 	
Signal Outputs	monitor out (loop-through)	<ul style="list-style-type: none"> • 3G-SDI 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 	<ul style="list-style-type: none"> • Remote in: 3.5mm stereo female (provides serial communications and power) • DC JACK 12 VDC, 200 mA
	Warping and blending	<ul style="list-style-type: none"> • Christie Twist™ • Christie Twist Premium and Twist Pro • Christie Mystique™ automated camera-based alignment 	
TAA-compliant		<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 0.46:1 UST lens 	
	zoom/focus memory	<ul style="list-style-type: none"> • 0.78-0.9:1 zoom lens • 0.9-1.3:1 zoom lens • 1.3-1.8:1 zoom lens • 1.44-1.8:1 zoom lens • 1.8-2.4:1 zoom lens • 2.4-4.8:1 zoom lens • 4.8-8.64:1 zoom lens • 8.64-12.96 zoom lens 	
Accessories	standard	<ul style="list-style-type: none"> • 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-XX) • Christie One Rigging Frame V2 (140-155102-XX) 	<ul style="list-style-type: none"> • Christie Intelligent Camera (156-155102-XX) • One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-XX)
Power requirements	operating voltage	<ul style="list-style-type: none"> • Normal mode: 100-240 VAC @ 50/60 Hz 	<ul style="list-style-type: none"> • Normal mode: 100-240 VAC @ 50/60 Hz • Supports 100-120 VAC @ reduced power with 80% brightness level output
	power consumption	<ul style="list-style-type: none"> • Normal: 1,204W • Eco1: 968W • Eco2: 652W 	<ul style="list-style-type: none"> • Normal: 1,500W • Eco1: 1,164W • Eco2: 806W
	operating current	<ul style="list-style-type: none"> • Normal mode: 3.99 A (220-240 VAC) • 7.62 A (100-120 VAC) 	<ul style="list-style-type: none"> • Normal mode: 5.57 A (220-240 VAC) • 8.79 A (100-120 VAC)
	dissipation at 220V	<ul style="list-style-type: none"> • Normal: 2,996 BTU/hr • Eco1: 2,348 BTU/hr • Eco2: 1,515 BTU/hr 	<ul style="list-style-type: none"> • Normal: 4,187 BTU/hr • Eco1: 3,282 BTU/hr • Eco2: 2,118 BTU/hr
Audible noise		<ul style="list-style-type: none"> • Standard: 44dBA (Max.) • Eco2: 40dBA (Max.) 	<ul style="list-style-type: none"> • Standard: 47dBA (Max.) • Eco2: 42dBA (Max.)
Physical	size	<ul style="list-style-type: none"> • (LxWxH) 23.6 x 20.5 x 7.6" (600 x 520 x 193mm) without feet 	
	shipping size	<ul style="list-style-type: none"> • (LxWxH) 38 x 31.30 x 14.6" (965 x 795 x 370mm) 	
	weight	<ul style="list-style-type: none"> • 64.76lbs (29.4kg) 	
	shipping weight	<ul style="list-style-type: none"> • 94.71lbs (43.0kg) 	
Operating environment	temperature	<ul style="list-style-type: none"> • 32-113 F (0-45 C) (0 - 2,500 feet altitude) 	
	humidity	<ul style="list-style-type: none"> • 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 system • Contact an authorized Christie representative for full details of our limited warranty 	
Special Features		<ul style="list-style-type: none"> • 21:9 aspect ratio support and customized EDID • Fade-in and fade-out control for shutter function 	

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

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