

CHRISTIE JAZZ SERIES

DWU1800-JS / DWU2400-JS / 4K1600-JS / 4K2100-JS

Corporate | Hospitality & tourism | Museums | Places of worship | Rental & staging | Theme parks & attractions

Outstandingly bright with up to 23,750 lumens, impressively light with a chassis that weighs less than 65 lbs (30kg), and incredibly priced.



Five-year warranty for extra peace of mind.

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.

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.

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 Instruments' 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 / DWU1800A-JS (TAA)

DWU2400-JS / DWU2400A-JS (TAA)

Image	brightness (lumens)	<ul style="list-style-type: none"> • 17,800 ISO • 15,000 ANSI 	<ul style="list-style-type: none"> • 23,750 ISO • 20,000 ANSI
	color wheel	<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"> • WUXGA • 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 2.0 x 1 (Type A) • HDBaseT 1.0 (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"> • Active shuttered • HDMI 1.4, HDBaseT - frame packing, top/bottom, side-by-side at 1080p at 60Hz frame sequential WUXGA(RB) up to 120 Hz. • 3D sync in (BNC) - for genlocking projectors • 3D sync out (BNC) - for genlocking projectors, or controlling emitter or polarizer 	
	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 • Remote in: 3.5mm stereo female (provides serial communications and power) • DC JACK 12 VDC, 200 mA max 	
Warping and blending	mount type	<ul style="list-style-type: none"> • Christie Twist™ 	
	optional	<ul style="list-style-type: none"> • 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 at 50/60 Hz 	<ul style="list-style-type: none"> • Normal mode: 100-240 VAC at 50/60 Hz • Supports 100-120 VAC at reduced power with 80% brightness level output
	power consumption (25°C, 220V)	<ul style="list-style-type: none"> • Normal: 930 • Eco1: 760W • Eco2: 530W 	<ul style="list-style-type: none"> • Normal: 1,290W • Eco1: 990W • Eco2: 670W
	operating current	<ul style="list-style-type: none"> • Normal mode: 4.23A (220-240 VAC) • 8.73A (100-120 VAC) 	<ul style="list-style-type: none"> • Normal mode: 5.86A (220-240 VAC) • 9.27A (100-120 VAC)
	dissipation @ 220V	<ul style="list-style-type: none"> • Normal: 3,173 BTU/hr • Eco1: 2,593 BTU/hr • Eco2: 1,808 BTU/hr 	<ul style="list-style-type: none"> • Normal: 4,401 BTU/hr • Eco1: 3,378 BTU/hr • Eco2: 2,286 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.)
Standby power	LAN off	<ul style="list-style-type: none"> • < 0.3W 	
	LAN on	<ul style="list-style-type: none"> • < 6W 	
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 customize EDID. • Fade in & fade out control for shutter function • Support 4K3840x2160 and 4096x2160 signal input • Support Control System : Crestron Roomview V2 • PJLink V2 • AMX - Device Discovery 	

Technical specifications

4K1600-JS / 4K1600A-JS (TAA)

4K2100-JS / 4K2100A-JS (TAA)

Image	brightness (lumens)	<ul style="list-style-type: none"> • 16,600 ISO • 14,000 ANSI 	<ul style="list-style-type: none"> • 21,350 ISO • 18,000 ANSI
	color wheel	<ul style="list-style-type: none"> • 4 segment - 4X 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"> • 4K UHD+ • 3840 x 2400 (9,216,000 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) • 12G-SDI x 1 (BNC) • Display Port x 1(1.2a) • USB 2.0 x 1 (Type A) • HDBaseT 3.0 (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"> • Active shuttered and passive polarized stereoscopic 3D • HDMI 2.0b, HDBaseT - frame packing, top/bottom, side-by-side 1080P at 60 Hz • frame sequential at WUXGA(RB) up to 120 Hz. • 4K passive 3D 3840 x 2160 at 60 Hz, 4K passive 3D Dual Pipe 3840 x 2160 at L-60 Hz and R-60 Hz • 3D sync in (BNC) - for genlocking projectors • 3D sync out (BNC) - for genlocking projectors, or controlling emitter or polarizer 	
	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"> • 12G-SDI x 1 (BNC) • HDMI x 1 (HDMI out) 	
Control and networking		<ul style="list-style-type: none"> • HDBaseT 3.0 (RJ45 x 1) • RJ45 x 1 (Ethernet Control over wired network connection) • RS232 x 1 • Remote in: 3.5mm stereo female (provides serial communications and power) • DC JACK 12VDC, 200 mA max. 	
Warping and blending	mount type	<ul style="list-style-type: none"> • Christie Twist™ 	
	optional	<ul style="list-style-type: none"> • 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 Intelligent Camera (156-155102-XX) • One Mount Rigging Kit (used with One Mount, One Mount Plus Extender Rod) (121-126100-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 at 50/60 Hz 	<ul style="list-style-type: none"> • Normal mode: 100-240 VAC at 50/60 Hz • Supports 100-120 VAC at reduced power with 80% brightness level output.
	power consumption (25°C, 220V)	<ul style="list-style-type: none"> • Normal: 1,020W • Eco1: 840W • Eco2: 580W 	<ul style="list-style-type: none"> • Normal: 1,340W • Eco1: 1,080W • Eco2: 710W
	operating current	<ul style="list-style-type: none"> • Normal mode: 4.64A (220-240 VAC) • 9.55A (100-120 VAC) 	<ul style="list-style-type: none"> • Normal mode: 6.09A (220-240 VAC) • 10.09A (100-120 VAC)
	dissipation @ 220V	<ul style="list-style-type: none"> • Normal: 3,480 BTU/hr • Eco1: 2,866 BTU/hr • Eco2: 1,979 BTU/hr 	<ul style="list-style-type: none"> • Normal: 4,572 BTU/hr • Eco1: 3,685 BTU/hr • Eco2: 2,423 BTU/hr
Audible noise		<ul style="list-style-type: none"> • Standard: 45dBA (Max.) • Eco2: 43dBA (Max.) 	<ul style="list-style-type: none"> • Standard: 49dBA (Max.) • Eco2:45dBA (Max.)
Standby power	LAN off	<ul style="list-style-type: none"> • < 0.3W 	
	LAN on	<ul style="list-style-type: none"> • < 6W 	
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 customize EDID. • Fade in & fade out control for shutter function • High Frame Rate 1080P at 240 Hz • Support Control System : Crestron Roomview V2 • PLink V2 • AMX - Device Discovery 	

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

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