DHD800

Government
Higher education
Houses of worship
Large venue
Rental/Staging

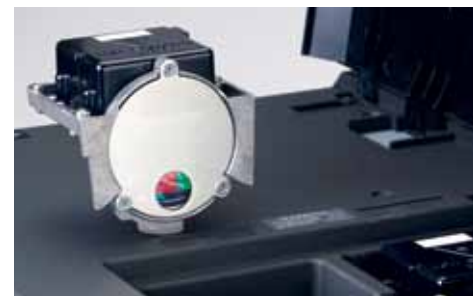*Lens sold separately*

Brighter. Bolder. Better!

The Christie® DHD800 offers full HD and high brightness in a 1-chip DLP® projector, making it ideally suited for a variety of applications including fixed installs and live events. At 8000 ANSI lumens, it's one of the brightest 1-chip DLP, dual-lamp projectors on the market. With full HD resolution, this projector is compatible with most computers and video sources.

A unique, user-changeable, twin-color-wheel system gives you the flexibility to tailor your presentations to maximize high-brightness images and superior-color reproduction. Ideal for 24/7 operation, the Christie DHD800 includes a lamp-interval feature that enables you to select the usage times between the dual lamps for balanced lamp life. Its sealed optical engine prevents dust and dirt from affecting the system, ensuring that image quality is maintained and maintenance costs are lower. Bigger, bolder, and feature packed, the Christie DHD800 will exceed your expectations.

CHRISTIE®

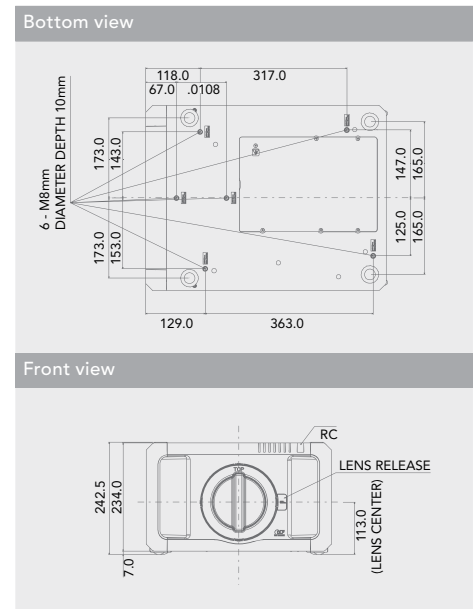| Christie DHD800 (103-029102-01)		
Image	brightness	• 8000 ANSI lumens with high-brightness color wheel • 5000 lumens with rich-color (RGBCYM) color wheel
	contrast	• Up to 7500:1 with rich black reproduction
Display technology	type	• 1-chip 0.95" DLP light engine
	native resolution	• 1920 x 1080 full HD
Lamp	type	• Dual 330W VIDI™ UHP
	estimated life[1]	• Standard mode: up to 2000 hrs • Eco mode: up to 3000 hrs
Input	signals	• WUXGA/UXGA/WSXGA+/SXGA+/SXGA/WXGA/XGA/SVGA/ VGA, MAC, NTCS, PAL, SECAM, NTSC4.43, PAL-M, PAL-N • Video (480i, 480P, 720P, 1080i, 1080p, 1080psf)
	pixel clock	• Analog 230 MHz • Digital 160 MHz max
	scan rates	• Horizontal: 15-100kHz • Vertical: 48-100Hz
Inputs/ outputs, control and networking	inputs	• Input 1: DVI-D x 1(HDCP compliant), HDMI x 1(V1.3b), D-Sub15 x1 • Input 2: 5-BNC (R, G, B, H, V & Y, Pb/Cb, Pr/Cr & Composite) • S-video DIN 4-pin x 1 • RCA x 3 (Video/Y, Pb/Cb, Pr/Cr) • Input 3: Option card slot • Input 4: Option card slot
	outputs	• D-Sub15 monitor out x 1
	control	• Serial input: Dsub-9 x 1 • Serial output: Dsub-9 x 1 • R/C jack: mini jack x 1 (wired remote) • USB port B type (service use only)
Optical system		• 1-chip DLP (sealed engine)
Lenses	fixed	• 0.8:1 (103-117100-XX)
	zoom	• Short 1.2-1.8:1 (103-118101-XX) • Standard 1.8-2.8:1 (103-120104-XX) • Long 2.8-5.0:1 (103-121105-XX) • Ultra long 4.8-8.0:1 (103-122106-XX)
	digital keystone	• Vertical: ±30 degrees • Horizontal: ±30 degrees
Accessories	standard	• Rich-color color wheel x 2 • Remote control • Cable cover • Real Color Manager Pro CD
	optional	• DVI-D/Dsub15 module (103-134109-XX) • 5BNC/S-video module (103-133108-XX) • HD and SD – SDI module (103-132107-XX) • 330W VIDI UHP lamp (003-120577-XX) • AutoFilter cartridge (003-003378-XX)
Enhanced feature sets		• User-changeable color wheels • Illuminated input panel • Top-loading lamps • 24/7 or extended-use operation[1] • Edge-blending and color-matching capability • Mechanical shutter (light dowser) • Auto-switching lamps • Network and monitoring • Picture-by-Picture • Picture-in-Picture • 360-degree, on-axis positioning • Stackable[2] – allows for additional brightness or redundancy • Closed Caption (NTSC) • Motion rated[3]
Power requirements	operating voltage	• 100-240V ±10%, 50/60Hz
	operating current	• 10.0-5.0A
	consumption	• 963W (Normal 100V) • 917W (Normal 200V) • 23W (Standby 100V) • 22W (Standby 200V)
	dissipation	• 3286 BTU/hr
Dimensions	body dimensions	• (LxWxH): 20.6 x 15.7 x 9.5" (523.5 x 400.0 x 242.5mm)[4]
	shipping size	• (LxWxH): 25.6 x 20.8 x 17.3" (651.0 x 528.0 x 439.0mm)
	weight	• 43.4lbs (19.7kg) (without lens)
	shipping weight	• 55.1lbs (25.0kg) (without lens)
Noise		• Standard mode: 38dBA • Eco mode: 35dBA
Operating environment		• Temperature: 41-104°F (5-40°C) • Storage temperature: 14-140°F (-10-60°C) • Humidity: 20-80% non-condensing • Altitude: 0-8858ft (0-2700m)
Regulatory approvals		This product conforms to the following directives, regulations and regulatory approvals related to product safety, environmental requirements and electromagnetic compatibility (EMC): • Directives: (EC) 2002/95/EC (RoHS) • 2002/96/EC (WEEE) • Regulations: (EC) No. 1907/2006 (REACH) • Regulatory Approvals: CAN/CSA-C22.2 No 60950-1 • UL 60950-1 • IEC60950-1 • FCC Part 15, Subpart B Class A • EN55022/CISPR22 Class A • EN55024/CISPR24 • Certification marks (check with Christie for latest update): cULus (Canada & US), CE (EU), CCC (China), GoST-R (Russia), KC (South Korea), South Africa
Limited warranty		• Projector: three years parts and labor (including light engine) • Lamp: 120 days or 500 hours (whichever comes first) • Contact an authorized Christie representative for full details of our limited warranty

▲ A unique, user-changeable, twin-color-wheel system gives you the flexibility to tailor your presentations to maximize high-brightness images and superior-color reproduction.

▲ The broad range of standard inputs enables you to customize and configure according to your application needs.

Bottom view

Front view

[1] Christie 1-chip DLP projectors can be used in 24/7 or extended use applications. Regular maintenance and a 24/7 maintenance kit are recommended to maximize the lifetime of your projector. [2] In a stacked setup, this projector is best suited for events or temporary use. The projector may need to be re-aligned if it is used in a fixed-installation application. [3] For more information about the motion rating, please contact your Christie representative. [4] Body dimensions without lens, with feet at minimum height position.

3 YEAR WARRANTY

CHRISTIE LCD, 1-CHIP AND 3-CHIP DLP®

Certified System
ISO 9001
ISO 14001
Kitchener, Ontario

PICTURE BY DLP™ TEXAS INSTRUMENTS

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

CHRISTIE®