

# 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 (1920 x 1080) 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®**

DHD800 (103-029102-01)		
Image	brightness	<ul style="list-style-type: none"> <li>• 8000 ANSI lumens high brightness color wheel</li> <li>• 5000 lumens rich color (RGBCYM) color wheel</li> </ul>
	contrast	<ul style="list-style-type: none"> <li>• Up to 7500:1 with rich black reproduction</li> </ul>
Display technology	type	<ul style="list-style-type: none"> <li>• 1-chip 0.95" DLP® light engine</li> </ul>
	native resolution	<ul style="list-style-type: none"> <li>• 1920 x 1080 full HD</li> </ul>
Lamp	type	<ul style="list-style-type: none"> <li>• Dual 330W VIDI™ UHP</li> </ul>
	estimated life	<ul style="list-style-type: none"> <li>• Normal mode: up to 2000* hrs • Eco mode: up to 3000* hrs</li> </ul>
Input	signals	<ul style="list-style-type: none"> <li>• WUXGA/UXGA/WXGA+/SXGA+/SXGA/SXGA/WXGA/XGA/SVGA/ VGA/MAC</li> <li>• Video (480i,480P,575i,575p,720P,1080i,1080p/psf)</li> </ul>
	pixel clock	<ul style="list-style-type: none"> <li>• Analog 230 MHz • Digital 160 MHz max</li> </ul>
	scan rates	<ul style="list-style-type: none"> <li>• Horizontal: 15-100kHz • Vertical: 48-100kHz</li> </ul>
Inputs/ outputs, control and networking	inputs	<ul style="list-style-type: none"> <li>• Input 1: DVI-D x 1 (compatible with HDCP), D-Sub15 x 1</li> <li>• Input 2: BNC x 5 (R, G, B, H, V &amp; Y, Pb/Cb, Pr/Cr &amp; Composite), S-video (Mini DIN 4-pin) RCA x 3 (Video/Y, Pb/Cb, Pr/Cr)</li> <li>• Input 3: Option card slot • Input 4: Option card slot</li> </ul>
	outputs	<ul style="list-style-type: none"> <li>• D-Sub15 monitor out x 1</li> </ul>
	control	<ul style="list-style-type: none"> <li>• Serial input: Dsub-9 x 1 • Serial output: Dsub-9 x 1</li> <li>• R/C jack: mini jack x 1 (wired remote) • USB port B type (service use only)</li> </ul>
Optical system		<ul style="list-style-type: none"> <li>• 1-chip DLP® (sealed engine)</li> </ul>
Lenses	fixed	<ul style="list-style-type: none"> <li>• 0.8:1 (103-117100-XX)</li> </ul>
	zoom	<ul style="list-style-type: none"> <li>• Short 1.2-1.8:1 (103-118101-XX) • Standard 1.8-2.8:1 (103-120104-XX)</li> <li>• Long 2.8-5.0:1 (103-121105-XX) • Ultra long 4.8-8.0:1 (103-122106-XX)</li> </ul>
Keystone		<ul style="list-style-type: none"> <li>• Digital keystone vertical: ±30 degrees • Digital keystone horizontal: ±30 degrees</li> </ul>
Accessories	standard	<ul style="list-style-type: none"> <li>• Rich color reproduction color wheel x 2 • Remote control</li> <li>• Cable cover • Real color manager Pro CD • Lens hole cover</li> </ul>
	optional	<ul style="list-style-type: none"> <li>• DVI-D/Dsub15 module (103-134109-XX) • 5BNC/S-video module (103-133108-XX)</li> <li>• HD and SD – SDI module (103-132107-XX)</li> <li>• 330W VIDI™ UHP Lamp (003-120577-XX) • AutoFilter cartridge (003-003378-XX)</li> </ul>
Enhanced feature sets		<ul style="list-style-type: none"> <li>• User changeable color wheels • Illuminated input panel • Top loading lamps</li> <li>• Extended use AutoFilter for 24/7 applications • Edge blending and color matching capability</li> <li>• Mechanical shutter (light dower) • Auto switching lamps • Network and monitoring</li> <li>• Picture-by-Picture • Picture-in-Picture • 360 degree on axis positioning</li> <li>• Stackable – allows for double brightness • Closed Caption (NTSC) • Motion rated**</li> </ul>
Power requirements	operating voltage	<ul style="list-style-type: none"> <li>• 100-240 VAC 50/60Hz</li> </ul>
	operating current	<ul style="list-style-type: none"> <li>• 10.0A (AC100V) • 5.0A (AC200V)</li> </ul>
	power consumption	<ul style="list-style-type: none"> <li>• 963W (Normal 100V) • 917W (Normal 200V)</li> <li>• 23W (Standby 100V) • 22W (Standby 200V)</li> </ul>
	dissipation	<ul style="list-style-type: none"> <li>• 3140BTU/hr</li> </ul>
Dimensions	body dimensions	<ul style="list-style-type: none"> <li>• Body without lens (LxWxH): 20.6" x 15.7" x 9.5" (523.5 x 400.0 x 242.5mm)</li> </ul>
	shipping size	<ul style="list-style-type: none"> <li>• (LxWxH): 25.6" x 20.8" x 17.3" (651.0 x 528.0 x 439.0mm)</li> </ul>
	weight without lens	<ul style="list-style-type: none"> <li>• 43.4lbs (19.7kg) • Shipping weight: 55.1lbs (25.0kg)</li> </ul>
Noise		<ul style="list-style-type: none"> <li>• Standard mode: 38 dBA • Eco mode: 35 dBA</li> </ul>
Operating environment		<ul style="list-style-type: none"> <li>• Temperature: 41-104°F (5-40°C) • Storage temperature: 14-140°F (-10-60°C)</li> <li>• Altitude: 0-8858ft (0-2700m) • Humidity: 20-80%</li> </ul>
Regulatory approvals		<p>This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC):</p> <ul style="list-style-type: none"> <li>• FCC Part 15, Subpart B Class A</li> <li>• EN55022/CISPR22 Class A • EN55024/CISPR24 • UL 60950-1</li> <li>• CAN/CSA-C22.2 No 60950-1 • IEC 60950-1 • 2002/95/EC RoHS</li> </ul>
Limited warranty		<ul style="list-style-type: none"> <li>• Projector: 3 years parts and labor (excluding light engine)</li> <li>• Lamp: 500 hours or 120 days (whichever comes first)</li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>

\* 24/7 or extended use applications require AutoFilter and 24/7 maintenance agreement to maintain warranty.

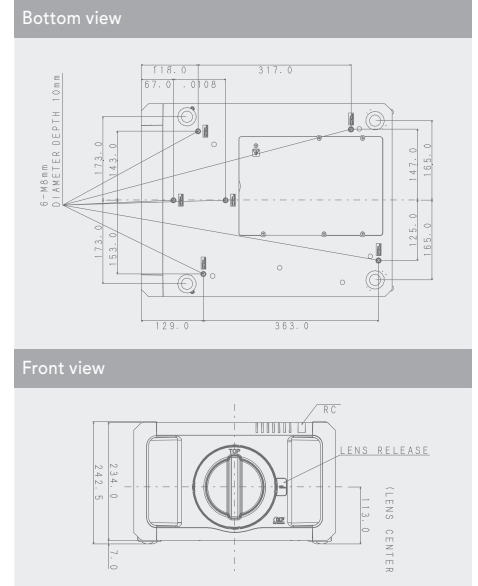
\*\* For more information about the motion rating, please contact your Christie representative.



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



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**3 YEAR WARRANTY**

CHRISTIE LCD,  
1-CHIP AND 3-CHIP DLP®

ISO 9001



ISO 14001



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

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