

## 1080 HD DLP® Digital Projection Done Right

The Christie Roadster HD18K features full 1920 x 1080 resolution, proven 3-chip DLP® technology with Xenon® illumination, high quality optics and 10-bit image processing – a proven combination for the best HD image anywhere.



### Roadster HD18K 1080 HD DLP® Projector

Part Number: 104-021101-XX

*3-chip 1080 HD DLP® 18,000 lumen xenon lamp digital projector*

### Specifications

<b>Image</b>	<ul style="list-style-type: none"><li>• 18,000 ANSI lumens (+/- 10%)</li><li>• 90% brightness uniformity across the screen</li></ul>
<b>Contrast</b>	<ul style="list-style-type: none"><li>• 1600-2000:1 full field</li></ul>
<b>Display Technology and Resolution</b>	<ul style="list-style-type: none"><li>• 3-chip 0.95" DLP®</li><li>• True HD 1920 x 1080 resolution</li></ul>
<b>Input Signal Compatibility</b>	<ul style="list-style-type: none"><li>• VGA through to QXGA (2048 x 1536)</li><li>• Supports standard HDTV formats up to 1080p</li><li>• Multi-standard video decoder</li><li>• Horizontal and vertical scaling, all inputs</li></ul>
<b>Scan Rates</b>	<ul style="list-style-type: none"><li>• Horizontal - 15 kHz to 120 kHz</li><li>• Vertical - 23.97 Hz to 150 Hz</li></ul>
<b>Pixel Clock</b>	<ul style="list-style-type: none"><li>• 210 MHz</li></ul>
<b>Inputs, Control and Networking</b>	<ul style="list-style-type: none"><li>• RGBHV/YPbPr via 5 BNC</li><li>• DVI-I - digital/analog RGB/YPbPr (HDCP)</li><li>• One composite video, one S-Video</li><li>• Two option slots for analog/digital modules</li><li>• 3 RS-232 ports and 1 RS-422 port</li><li>• On-board ChristieNET™ connectivity (RJ45)</li><li>• Built-in backlit keypad and IR remote control</li></ul>
<b>Graphical User Interface</b>	<ul style="list-style-type: none"><li>• Auto set-up, power-up feature</li><li>• Menus in five languages</li><li>• On-screen help</li><li>• 50 channel memories</li><li>• Optional image warping</li><li>• Built-in edge-blending</li><li>• Comprehensive Color Adjustment (CCA™)</li></ul>
<b>Lens Mount</b>	<ul style="list-style-type: none"><li>• Motorized horizontal and vertical offset</li><li>• Tool-free lens insertion system</li><li>• Tilt adjustment</li></ul>

<b>Lamp</b>	<ul style="list-style-type: none"> <li>• 3.0kW Xenon Bubble lamp</li> <li>• 750 hours (typical) lifetime</li> <li>• User-replaceable bulb</li> <li>• Low cost of ownership</li> </ul>
<b>Light Output Control (LITELOC™)</b>	<ul style="list-style-type: none"> <li>• "Auto Brightness" (Intensity), "Lamp Conserve" (Power), "Max Brightness" modes</li> <li>• Built-in light shutter</li> </ul>
<b>Power Requirements</b>	<ul style="list-style-type: none"> <li>• 200 VAC to 240 VAC +/- 10% @ 50/60 Hz</li> <li>• Power consumption: 3900W at 264 @ 14.8A</li> <li>• Thermal dissipation: 17,060 BTU/hr</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• Weight: 160 lb (72.6 kg) (excludes lens, feet, stacking points)</li> <li>• Shipping weight: 230 lb (104.3 kg) (excludes lens, feet, stacking points)</li> <li>• Size: 24.5" W x 32.1" L x 15.1" H (631.4mm W x 814.8mm L x 384mm H) (excludes lens, feet, stacking points)</li> </ul>
<b>Standard Accessories</b>	<ul style="list-style-type: none"> <li>• IR keypad (w/batteries)</li> <li>• Line cord</li> <li>• User manual</li> <li>• Dual SD/HD-SDI module</li> </ul>
<b>Optional Accessories</b>	<ul style="list-style-type: none"> <li>• Fixed lenses (HD): 0.67:1, 1.15:1</li> <li>• Zoom lenses (HD): 1.28-1.84:1, 1.84-2.58:1, 2.58-4.14:1, 4.14-6.7:1</li> <li>• Fixed lenses (SXGA+): 0.73:1, 1.2:1</li> <li>• Zoom lenses (SXGA+): 1.45-1.8:1, 1.8-2.5:1, 2.5-4.5:1, 4.5-7.3:1</li> <li>• Manual "Legacy" lens mount</li> <li>• ChristieTWIST™ Image Warping and Edge-Blending module</li> <li>• Input modules - Dual SD/HD-SDI, DVI and legacy interface modules</li> <li>• Wired remote control and RS-422 two Way Controller</li> <li>• Remote IR sensor</li> <li>• Ethernet, RS-232, RS-422 cables</li> <li>• Service manual</li> <li>• KoRE™ 10-bit librarian</li> <li>• Lens adapter (for competitive lenses)</li> <li>• Handles</li> </ul>
<b>Operating Environment</b>	<ul style="list-style-type: none"> <li>• Temp: 40 to 95° F (5 to 35° C)</li> <li>• Humidity: 20 - 80% non-condensing</li> </ul>
<b>Regulatory Approvals</b>	<ul style="list-style-type: none"> <li>• UL/CSA/IEC 60950 (3rd edition)</li> <li>• FCC Class A, CE, CCC</li> <li>• This product conforms to all relevant European directives, standards, safety, health and environmental concerns</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 3 years parts and labor (including light engine)</li> </ul>

Due to constant research, specifications and features are subject to change without notice.

## Accessories

### Accessories

3D Upgrade Kit  
 Bulb Alignment Tool  
 Christie AutoStack™  
 Edge Blending Kit

104-145101-XX  
 38-804900-XX  
 108-308101-XX  
 104-102101-XX