

# Christie Mirage HD6K-M

| Christie Mirage HD6K-M – HD (1920 x 1080) – 3-chip DLP® – Part number: 118-052108-XX |                   |             |   |
|--|-------------------|-------------|---|
| Image  | brightness        | dual lamp   | • 6000 ANSI lumens (6600 center lumens) ±10%  |
|  |                   | single lamp | • 3000 ANSI lumens (3300 center lumens) ±10%  |
|  | contrast          |             | • 2500-10,000:1 (full on/off) • 650:1 ANSI (typical)  |
|  | uniformity        |             | • 80% brightness uniformity   |
| Display  | type              |             | • 3-chip 0.95" DMD  |
|  | native resolution |             | • HD (1920 x 1080)  |
|  | frame delay       |             | • As low as one frame   |
| Lamp   | type              |             | • Dual 200W P-VIP® Osram  |
|  | estimated life    | high power  | • 2000 hrs @ 200W   |
|  |                   | low power   | • 3000 hrs @ 150W (eco mode)  |
| Input  | standard          |             | • Slot 1-2 populated, standard: two Dual Link DVI-D (330 MHz) input cards (each has VGA (165 MHz) for 3D or dual input 3D compatibility) with HDMI 1.3 receiver • Slot 3-4 unpopulated  |
|  | optional          |             | • Analog BNC • Dual-link DVI • Dual SD/HD-SDI • Video Decoder • Twin HDMI • DMX512 interface card   |
|  | signals           |             | • HDTV formats VGA through to WQXGA (2560 x 1600) • Accepts all current 2D HDTV/DTV formats (optional input module may be required) • HDMI 1.3 receiver supports mandatory HDMI 1.4a 3D modes of operation • 24-144Hz triple flash 3D support available for -02 and later models updated with latest firmware² • Optional multi-standard video decoder • Horizontal and vertical scaling, all inputs                      |
|  | pixel clock       |             | • 330 MHz   |
|  | scan rates        |             | • Horizontal: 15-120kHz • Vertical: 23.97-150Hz (frame lock maximum 120Hz) • 48-60Hz frame doubled or dual input 3D • 96-120Hz frame rate up to 1920 x 1200 • 24-144Hz triple flash 3D support available for -02 and later models updated with latest firmware²   |
| Inputs/outputs, control and networking   |                   |             | • RS-232 in/out • RS-422 in • Ethernet (10/100) • GPIO (RS-232 9 Pin male connector) • Built-in backlit LCD keypad • Remote control (with optional wired XLR connection)  |
| Optical system   |                   |             | • Dust-sealed, 3-chip DMD light engine • Motorized horizontal and vertical lens offset • Scheimpflug (tilt) adjustment • Built-in light shutter • Tool-free lens insertion system   |
| Lenses   | fixed             |             | • 0.67:1 HD/WU ILS Lens* • 1.1:1 HD/WU ILS Lens   |
|  | zoom              |             | • 1.16-1.49:1 HD/WU ILS Lens** • 1.4-1.8:1 HD/WU ILS Lens • 1.8-2.6 HD/WU ILS Lens • 2.6-4.1:1 HD/WU ILS Lens • 4.1-6.9:1 HD/WU ILS Lens • 6.9-10.4:1 HD/WU ILS Lens  |
|  | offsets¹          |             | • All lenses ±120% Vertical ±54% Horizontal except those noted below<br>* 0.69:1 fixed lens ±35%V ±12%H ** 1.16-1.49:1 zoom lens ±100%V ±40%H   |
| Accessories  | standard          |             | • IR remote • Power cord • GPIO 3D sync cable   |
|  | optional          |             | • Coarse dust filter • Fog juice filter • Ceiling mount • Ceiling mount extension • ILS lens adapter kit • Portrait display adapter • Stacking frame • Christie® AutoStack™   |
| Enhanced feature sets²   |                   |             | • LiteLOC™ • Comprehensive Color Adjustment (CCA™) • Embedded Christie Twist™ image warping and edge-blending • Intelligent Lens System (ILS™) for zoom, focus, horizontal and vertical offset for all lenses • Auto setup • Digital keystone correction • Dynamic iris • Menus in five languages • 99 channel memories • Black level blending • 24/7 operation   |
| Power requirements   | operating voltage |             | • 100-240 VAC 50/60Hz   |
|  | operating current |             | • 9A max @ 100-120 VAC • 4.5A max @ 200-240 VAC   |
|  | dissipation       |             | • 2971 BTU/hr   |
| Dimensions   | size              |             | • (LxWxH): 22.1 x 19.7 x 10.2" (561 x 500 x 259mm)  |
|  | shipping size     |             | • (LxWxH): 29.0 x 27.0 x 24.6" (735 x 685 x 625mm)  |
|  | weight            |             | • 55lbs (25kg) (without lens)   |
|  | shipping weight   |             | • 80lbs (36kg)  |
| Operating environment  |                   |             | • Temperature: 40-95°F (5-35°C) • Humidity: 20-80% non-condensing   |
| Regulatory approvals   |                   |             | • Directives (EC) 2002/95/EC (RoHS); 2002/96/EC (WEEE); Regulation (EC) No. 1907/2006 (REACH) • CAN/CSA C22.2 No. 60950-1 • UL 60950-1 • IEC 60950-1 • FCC, Part 15, Subpart B, Class A • EN55022/CISPR22 Class A • EN55024/CISPR24 • Certifications marks (check with Christie for latest update): cULus (Canada & US), CE (EU), CCC (China), GoST-R (Russia), KC (Korea), PSE (Japan), C-Tick (Australia & New Zealand) |
| Limited warranty   |                   |             | • Three years parts and labor (including light engine) • Contact an authorized Christie representative for full details of our limited warranty   |

¹ Values are for reference and should be validated with the Christie lens calculator.

² Some features may not be functional on initial product shipments but will be enabled via software upgrade when available.

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

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