

Christie Matrix WU14K-J

Technical specifications		Christie Matrix WU14K-J – WUXGA – (1920 x 1200) – 3-chip DLP® – Part number 132-012137-XX
Image	brightness	• 12,000 ANSI lumens @ 200-240V ±10%
	contrast	• 1600-2000:1 full field • 650:1 ANSI (typical)
Display	type	• 3-chip 0.96" DMD
	native resolution	• WUXGA (1920 x 1200)
Lamp	type	• 2.0kW Xenon Bubble pre-aligned lamp module
	estimated life	• 1000 hours (typical)
Inputs, control, 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/Boresite (tilt) adjustment • Built-in light shutter • Tool-free lens insertion system
Lens options	fixed	• 0.67:1 WU ILS Lens* • 1.1:1 WU ILS Lens
	zoom	• 1.16-1.49:1 WU ILS Lens** • 1.4-1.8:1 WU ILS Lens • 1.8-2.6:1 WU ILS Lens • 2.6-4.1:1 WU ILS Lens • 4.1-6.9:1 WU ILS Lens • 6.9-10.4:1 WU ILS Lens
	offsets ¹	• All lenses ±112% Vertical ±54% Horizontal except those noted below *0.67:1 WU fixed lens ±22%V ±6%H **1.16-1.49:1 WU zoom lens ±82%V ±38%H
Accessories	standard	• IR remote • Power cord • User manual • Christie Twist™ image warping and edge blending module
	optional	• ILS lens adapter kit • Portrait display adapter • ILS lens mount • Color Purity Filter (CPF™) (factory installed only) • Ceiling mount • Ceiling mount extension • Stacking kit • Remote IR sensor
Enhanced feature sets		• Embedded Christie Twist image warping and edge blending module • Intelligent Lens System (ILS™) • Advanced block artifact reduction • Minimum Processing Latency (MPL™) • ChristieNET™ Web interface • User-friendly, intuitive LCD keypad • Advanced loop-through twin HDMI card • Lamp memory module • User-replaceable lamps • Advanced 10-bit processing • Automatic shut-off • Dust-sealed light engine • SNMP (simple network management protocol) • DHCP (dynamic host configuration protocol) • Compatibility with many legacy accessories
Power requirements	operating voltage	• 200-240 VAC @ 50/60 Hz
	max current	• 14A @ 200-240VAC
	max power	• 1600W
	dissipation	• 5460 BTU/hr
Dimensions	size	• (LxWxH): 32 x 24.5 x 16.5" (815 x 621 x 419mm)
	shipping size	• (LxWxH): 41 x 32.5 x 29.5" (1041 x 825 x 749mm)
	weight	• 160lbs (72.5kg) (without lens)
	shipping weight	• 125lbs (57kg)
Operating environment		• Temp: 40-104°F (5-40°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/EN 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 and US), CE (EU), CCC (China), GoS-TR (Russia), KC (Korea), PSE (Japan), C-Tick (Australia and New Zealand), South Africa
Limited warranty		• Two years parts and labor (including light engine) • Contact an authorized Christie representative for full details of our limited warranty

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

Ruggedized/Build to order

Matrix J Series projectors are available on a build to order basis and may include ruggedization for use on motion platforms. For details, contact your Christie sales representative.

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