

Christie Matrix WU7K-J

Technical specifications		Christie Matrix WU7K-J – WUXGA – (1920 x 1200) – 3-chip DLP® – Part number 132-006130-XX
Image	brightness	• 6300 ANSI lumens @ 200-240V ±10% • 4750 ANSI lumens @ 100-120V ±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	• 1.0kW CERMAX® Xenon pre-aligned lamp module
	estimated life	• 1500 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	• 100-240 VAC @ 50/60 Hz
	max current	• 12A @ 100-120V • 8A @ 200-240VAC
	max power	• 1600W
	dissipation	• 5460 BTU/hr
Dimensions	size	• (LxWxH): 22.3 x 26.0 x 12.9" (566 x 660 x 328mm)
	shipping size	• (LxWxH): 33.5 x 30.0 x 26.0" (851 x 762 x 660mm)
	weight	• 88lbs (40kg) (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-T-R (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.

Corporate offices

Christie Digital Systems USA, Inc
USA – Cypress
ph: 714 236 8610

Christie Digital Systems Canada Inc.
Canada – Kitchener
ph: 519 744 8005

Worldwide offices

United Kingdom
ph: +44 (0) 118 977 8000

Germany
ph: +49 2161 664540

France
ph: +33 (0) 1 41 21 44 04

Spain
ph: +34 91 633 9990

Eastern Europe and Russian Federation
ph: +36 (0) 1 47 48 100

United Arab Emirates
ph: +971 4 3206688

India
ph: +91 80 6708 9999

Singapore
ph: +65 6877 8737

Independent sales consultant offices

China (Shanghai)
ph: +86 21 6278 7708

China (Beijing)
ph: +86 10 6561 0240

Japan (Tokyo)
ph: 81 3 3599 7481

Korea (Seoul)
ph: +82 2 702 1601

Italy
ph: +39 (0) 2 9902 1161

South Africa
ph: +27 (0) 317 671 347



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