CP-WU13K DLP® Projector

HITACHI
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Accessories and Lenses	
Supplied Accessories	Remote control, power cord, RS232C cable (cross, male to male), user's manual, application CD
Optional Accessories	MS-1 wired and MS-1WL wireless multifunction switchers (switchers have limited function with this projector model)
Optional Lenses	6 optional lenses are available: FL-K01, FL-K02, SL-K03, ML-K04, LL-K05, UL-K06.

Replacement Parts	
Lamp	DT01591D
Remote Control	HL03051
Filter	MU08321 (for front), MU08331 (for rear)

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
100	85	159	217
120	102	190	260
150	127	238	325
200	170	317	434
250	212	397	542
300	254	476	651
350	297	555	759
400	339	635	868

Throw Ratio: 1.87 - 2.56 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens MLK04.

Projection Lens Chart

Lens	Inches	Meters
FL-K01	113	2.9
FL-K02	190	4.8
ML-K03	235 - 317	6.0 - 8.1
ML-K04	317 - 434	8.1 - 11.0
LL-K05	434 - 706	11.0 - 17.9
UL-K06	706 - 1180	17.9 - 30.0

Projection distances measured in inches and meters with standard lens and optional lenses when projecting onto a 200" diagonal screen.

Lens Shift

	FL-K01	FL-K02	SL-K03	ML-K04	LL-K05	LL-K06
Left Right	N/A	-10 ~ +10	-10 ~ +10	-10 ~ +10	-10 ~ +10	-10 ~ +10
Up Down	N/A	+50 ~ -25	+50 ~ -25	+50 ~ -25	+50 ~ -25	+50 ~ -25

Specifications

Display	**Projection Technology**	Three chip DLP
	Resolution	WUXGA 1920 x 1200
	Light Output	13,000 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 16:10; 16:9, 4:3, 5:4, 1.88, 2.35, letter box, unscaled compatible
	Contrast Ratio	2000 : 1
	Throw Ratio (distance : width)	1.87 - 2.56 :1 (with ML-K04 lens, sold separately)
	Focus Distance	159" - 868" (with ML-K04 lens, sold separately)
	Display Size	100" - 400" (with ML-K04 lens, sold separately)
Lens & Operation	**Lens**	F = 2.5, f = 39.0 - 53.4 mm (with ML-K04 lens, sold separately)
	Lamp Wattage	465W x 2
	Expected Lamp Life*	Approximately 2,000 hours (standard mode) 2,500 hours (Eco mode)
	Expected Filter Life**	Approximately 10,000 hours
	Speaker Output	N/A
	Keystone	H: +/- 35° and V: +/- 20° (Note: Input signal is WUXGA @ 50Hz, Zoom position is Wide max. Does not work with DVI-D input.)
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/WSXGA+/ UXGA/WUXGA (compressed), MAC 16"
	H-Sync	15.7 kHz ~ 91 kHz
	V-Sync	48 Hz ~ 85 Hz
	Component Video	480i, 480p, 576i, 720p, 1080i, 1080p
	3D (DVI)	1920 x 1080@120Hz, 1920 x 1080@100Hz, 1920 x 1080@60Hz, 1920 x 1200@120Hz, 1920 x 1200@100Hz, 1920 x 1080@60Hz
	HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS Clock 27 MHz - 150 MHz
	3G SDI	NTSC, PAL, 1035i, 1080i, 1080p, 720p, 1080Sf
Connectors	**Digital Input**	HDMI x 2 (HDCP compliant), Stereo DVI x 1, SDI/HDSDI/3G BNC x 1
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	BNC x 5 (shared with component 2)
	Digital Output	SDI/HDSDI/3G BNC x 1
	Video Input	
	S-Video	N/A
	Composite Video	N/A
	Component Video	5BNC x 1 (shared with computer in 2), 3 RCA jack x 1, 15-pin mini D-sub x 1 (shared with computer in 1)
	Audio Input	N/A
	Audio Output	N/A
	Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
	Network LAN Wireless	N/A
	USB	N/A
	Wired Remote Control	3.5 mm stereo mini jack (Terminal for external IR receiver)
	Control Terminals	9-pin D-sub x 1 (RS-232 control), 3.5 mm mini jack x 2 (12V Trigger 1/2)
Ratings & Warranty	**Power Supply**	AC100-130V / AC200-240V, 50/60Hz
	Power Consumption	1230W @110VAC/11.2A, 1250W @220VAC/5.3A
	Operating Temperature	32°F - 104°F (0°C - 40°C)
	Dimensions (W x D x H)	19.7" x 24.9" x 10.6" (500 x 633 x 270 mm) (excluding protruding parts)
	Weight	Approximately 74.97 lbs. (34 kg) (without lens)
	Approvals	UL60950-1/cUL, FCC Part 15 subpart B class A
	Warranty	3 year limited parts and labor Extended Service Contract available (additional cost)

* Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

** Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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