

Accessories and Lenses

Supplied Accessories	Power cable, RGB cable, remote control, AA batteries x 2, lens cover, terminal cover x 2, cable tie x 4, security label, user's manual (concise)
Optional Accessories	USBWL5GM wireless adapter
Optional Lenses	7 optional lenses are available: FL720M, USL701M, FL701M, SL712M, ML713M, LL704M, UL705M (This model ships without a lens)
Replacement Parts	
Lamp	Lamp free
Remote Control	HL02806
Filter	UX43481

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	25	45	75
80	68	117	198
100	85	146	248
150	127	219	371
200	170	291	494
250	212	363	617
300	254	435	740
600	509	869	1478

Throw Ratio: 1.7 - 2.9 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens ML713M.

Projection Lens Chart

Lens	Inches	Meters
FL720M	3.9	0.1
USL701M	67 - 87	1.7 - 2.2
FL701M	69	1.8
SL712M	100 - 151	2.5 - 3.8
ML713M	146 - 248	3.7 - 6.3
LL704M	240 - 407	6.1 - 10.3
UL705M	407 - 691	10.3 - 17.6

Projection distances measured in inches and meters with standard lens and optional lenses when projecting onto a 100" diagonal screen.



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All specifications subject to change without notice.

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Specifications

Display	Projection Technology	3 LCD, 3 chip technology
	Resolution	WUXGA 1920 x 1200
	Brightness	8,000 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 4:3, 16:9, 16:10, 14:9 and zoom compatible
	Contrast Ratio	2,500,000 : 1
	Throw Ratio (distance : width)	Specifications will vary depending on which lens is used with the projector (1.7 - 2.9 : 1 with standard lens ML713M)
Operation	Focus Distance	Specifications will vary depending on which lens is used with the projector (45" - 1478" with ML713M)
	Display Size	30" - 600" (100" - 350" with FL720M, 60" - 600" with USL701M)
	Lens	f = 1.6 - 2.0 mm, x 1.7 motorized zoom, focus and lens shift (with ML713M) (This models ships without a lens)
	Lens Shift	Motorized (V: -16.7% to +56.5%, H: +/- 10%)
	Expected Light Source Life*	Approx. 20,000 hours (Normal and Whisper mode), 30,000 hours (Long life 1 mode), 50,000 hours (Long life 2 mode)
	Expected Filter Life**	Approx. 30,000 hours
	Speaker Output	N/A
Compatibility	Keystone	H and V +/- 30° (with ML713M)
	Computer	VGA, SVGA, XGA, WXGA, SXGA, WXGA+, WSXGA+, UXGA, WUXGA, MAC 16" (fH : 15 - 106 kHz, fV : 50 - 120 Hz)
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 720p, 1081i, 1080p,
	HDMI & HDBaseT & Display Port & SDI	480i, 480p, 576i, 720p, 1080i, 1080p, 4K* Computer signal *4K supported with HDMI1, HDBaseT and Display Port (Display Port supports 4K (24/25/30 Hz))
	Digital Input	HDBaseT x 1, HDMI x 2, Display Port x 1, SDI x 1
	Digital Output	HDMI x 1
Connectors	Computer Input 1	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub (shared with computer input)
	Audio Input	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
	Network LAN Wireless	USB-A, IEEE802.11 a/b/g/n/ac - optional wireless adapter required
	HDBaseT	RJ-45 port x 1
	USB	Type A x 1 (wireless network)
Control Terminals	9-pin D-sub x 1 (RS-232 control)	
Ratings & Warranty	Power Supply	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	580W/560W
	Operating Temperature	32°F - 104° F (0°C - 40°C)
	Dimensions (W x D x H)	22.9" x 16.9" x 8.5" (excluding protrusions)
	Weight	Approximately 40.3 lbs.
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class A
	Warranty	5-year/20,000 hours (whichever occurs first) limited parts and labor

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

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



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