

## Accessories and Lenses

<b>Supplied Accessories</b>	Power cable, remote control, AA batteries, terminal cover, lens cover, security label, user's manual (concise)
<b>Optional Accessories</b>	USBWL5GM wireless adapter
<b>Optional Lenses</b>	7 optional lenses are available: FL720M, FL701M, USL701M, SL712M, ML713M, LL704M, UL705M (This model ships without a lens)
<b>Replacement Parts</b>	
<b>Lamp</b>	Lamp free
<b>Remote Control</b>	HL02806
<b>Filter</b>	UX43482

## 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
<b>FL720M</b>	3.9	0.1
<b>USL701M</b>	67 - 87	1.7 - 2.2
<b>FL701M</b>	69	1.8
<b>SL712M</b>	100 - 151	2.5 - 3.8
<b>ML713M</b>	146 - 248	3.7 - 6.3
<b>LL704M</b>	240 - 407	6.1 - 10.3
<b>UL705M</b>	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	<b>Projection Technology</b>	3 LCD, 3 chip technology
	<b>Resolution</b>	WUXGA 1920 x 1200
	<b>Brightness</b>	10,000 ANSI lumens
	<b>Colors</b>	1.07 billion colors
	<b>Aspect Ratio</b>	Native 4:3, 16:9, 16:10, 14:9 and zoom compatible
	<b>Contrast Ratio</b>	3,000,000 : 1
	<b>Throw Ratio (distance : width)</b>	Specifications will vary depending on which lens is used with the projector (1.7 - 2.9 : 1 with standard lens ML713M)
Operation	<b>Focus Distance</b>	Specifications will vary depending on which lens is used with the projector (48" - 1478" with standard ML713M)
	<b>Display Size</b>	30" - 600" (100" - 350" with FL720M, 60" - 600" with USL701M)
	<b>Lens</b>	f = 1.6 - 2.0 mm, x 1.7 motorized zoom, focus and lens shift (with ML713M) (This model ships without a lens)
	<b>Lens Shift</b>	Motorized (V: -16.7% to +56.5%, H: +/- 10%)
	<b>Expected Light Source Life*</b>	Approx. 20,000 hours (Normal and Whisper mode), 30,000 hours (Long life 1 mode), 50,000 hours (Long life 2 mode)
	<b>Expected Filter Life**</b>	Approx. 20,000 hours
	<b>Speaker Output</b>	N/A
Compatibility	<b>Keystone</b>	H and V +/- 30° (with ML713M)
	<b>Computer</b>	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA, WUXGA, MAC 16" (fH : 15 - 106 kHz, fV : 50 - 120 Hz)
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	<b>HDMI &amp; HDBaseT &amp; Display Port &amp; SDI</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K/60P* *4K supported with HDMI1, HDBaseT and Display Port. 3G-SDI does not support 480p, 576p.
	<b>Digital Input</b>	HDBaseT x 1, HDMI x 2 (HDCP compliant), Display Port x 1, SDI x 1
	<b>Digital Output</b>	HDMI x 1
Connectors	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1
	<b>Video Input</b>	
	<b>Composite Video</b>	RCA jack x 1
	<b>Component Video</b>	15-pin mini D-sub (shared with computer in)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1
	<b>Audio Output</b>	3.5 mm stereo mini jack x 1
	<b>Network LAN Wired</b>	RJ-45 port (10 base-T / 100 base-TX)
	<b>Network LAN Wireless</b>	USB-A, IEEE802.11 a/b/g/n/ac - optional wireless adapter required
	<b>HDBaseT</b>	RJ-45 port x 1
Ratings & Warranty	<b>USB</b>	Type A x 1 (wireless network, FW update)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
	<b>Power Consumption</b>	720W/680W
	<b>Operating Temperature</b>	32°F - 113°F (0°C - 45°C) (Normal mode)
	<b>Dimensions (W x D x H)</b>	22.9" x 17.0" x 8.5" (excluding protrusions)
	<b>Weight</b>	Approximately 41.0 lbs.
	<b>Approvals</b>	UL62368-1 / cUL, FCC part 15 subpart B Class A
	<b>Warranty</b>	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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