

## Accessories and Lenses

<b>Supplied Accessories</b>	Remote control, power cord, computer cable, one standard ML703 lens, lens cover, user's manual, security label, application CD, adapter cover
<b>Optional Accessories</b>	USBWL11N USB wireless adapter, MS-1 wired multifunction switcher, MS-1WL wireless multifunction switcher
<b>Optional Lenses</b>	6 optional lenses are available: FL701, SL702, SL712, ML713, LL704, UL705
<b>Replacement Parts</b>	
<b>Lamp</b>	DT01471
<b>Remote Control</b>	HL02801
<b>Filter</b>	UX38242

## Projection Throw Chart

Screen Size 4:3		Throw Distance	
Diagonal	Width	Min	Max
30	24	37	73
80	64	98	194
100	80	122	242
150	120	183	363
200	160	244	484
250	200	305	605
300	240	366	725
600	480	731	1450

Throw Ratio: 1.5 - 3.0 : 1 (distance : width)  
Screen size and throw distance are measured in inches with standard lens ML703.

## Projection Lens Chart

Lens	Inches	Meters
<b>ML703</b>	122 - 242	3.1 - 6.2
<b>FL701</b>	67	1.7
<b>SL702</b>	97 - 146	2.5 - 3.7
<b>SL712</b>	97 - 146	2.5 - 3.7
<b>ML713</b>	142 - 240	3.6 - 6.1
<b>LL704</b>	232 - 395	5.9 - 10.0
<b>UL705</b>	395 - 671	10.0 - 17.0

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

## Specifications

Display	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	XGA 1024 x 768
	<b>White Light Output</b>	7,000 ANSI lumens
	<b>Color Light Output</b>	7,000 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 4:3 / 16:9 and 16:10 compatible
Lens & Operation	<b>Contrast Ratio</b>	3000 : 1 (using active IRIS)
	<b>Throw Ratio</b> (distance : width)	1.5 - 3.0:1 (with standard lens)
	<b>Lens</b>	f = 24 - 48 mm (with standard lens) x 2.0 motorized zoom, focus & lens shift
	<b>Lamp Wattage</b>	365W
	<b>Expected Lamp Life*</b>	Approximately 2,000 hours (standard mode) 2,500 hours (Eco mode)
	<b>Expected Filter Life**</b>	Approximately 20,000 hours
Compatibility	<b>Speaker Output</b>	N/A
	<b>Keystone</b>	H and V: +/- 35° (with standard lens)
	<b>Computer</b>	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC 16"
	<b>H-Sync</b>	31.5 kHz - 106 kHz
	<b>V-Sync</b>	56 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
Connectors	<b>Component Video</b>	480i, 480p, 576i, 720p, 1080i, 1080p
	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
	<b>Digital Input</b>	HDMI x 2 (HDCP compliant)
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Input 2</b>	BNC x 5
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1
Ratings & Warranty	<b>Video Input</b>	
	S-Video	Mini DIN 4-pin x 1
	Composite Video	RCA jack x 1
	Component Video	RCA jack x 3, 15-pin mini D-sub x 1 (shared with computer In 1) BNC x 3 (shared with computer In 2)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	RCA jack (L/R) x 1
Ratings & Warranty	<b>Network LAN Wired</b>	RJ-45 port (10 base-T / 100 base-TX)
	<b>Network LAN Wireless</b>	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	<b>USB</b>	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
	<b>Wired Remote Control</b>	3.5 mm stereo mini jack (IN/OUT)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
Ratings & Warranty	<b>Power Consumption</b>	500W
	<b>Operating Temperature</b>	32°F - 113°F (0°C - 45°C)
	<b>Dimensions (W x D x H)</b>	19.6" x 15.6" x 5.3" (without lens)
	<b>Weight</b>	Approximately 19.4 lbs.
	<b>Approvals</b>	UL 60950-1 / cUL, FCC Part 15 subpart B class A
	<b>Warranty</b>	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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