



## Accessories and Lenses

<b>Supplied Accessories</b>	Remote control, power cord, computer cable, 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: USL901, SL902, SD903X, ML904, LL905, UL906. An optional short zoom lens developed by Hitachi offers powered zoom, powered focus and adequate lens shift. This lens increases installation versatility like never before.
<b>Replacement Parts</b>	
<b>Lamp</b>	DT01581
<b>Remote Control</b>	HL02803
<b>Filter</b>	UX39551

## Projection Throw Chart

Screen Size 4:3		Throw Distance	
Diagonal	Width	Min	Max
50	40	68	102
60	48	82	123
80	64	109	164
100	80	136	205
150	120	205	307
200	160	273	410
300	240	410	615
600	480	822	1230

Throw Ratio: 1.7 - 2.5 : 1 (distance : width)  
Screen size and throw distance are measured in inches with standard lens SD903X.

## Projection Lens Chart

Lens	Inches	Meters
<b>USL901</b>	66 - 82	1.7 - 2.1
<b>SL902</b>	98 - 146	2.5 - 3.7
<b>SD903X</b>	136 - 205	3.5 - 5.2
<b>ML904</b>	200 - 306	5.1 - 7.8
<b>LL905</b>	291 - 471	7.4 - 12.0
<b>UL906</b>	462 - 732	11.7 - 18.6

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



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## Specifications

Display	<b>Projection Technology</b>	Single chip DLP
	<b>Resolution</b>	XGA 1024 x 768
	<b>Brightness</b>	10,000 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 4:3 / 14:9, 16:9 and 16:10 compatible
	<b>Contrast Ratio</b>	2000 : 1 (using active IRIS)
	<b>Throw Ratio (distance : width)</b>	Specification will vary depending on which lens is used with the projector.
Lens & Operation	<b>Focus Distance</b>	68" - 1230" (with standard lens)
	<b>Display size</b>	50" - 600"
	<b>Lens</b>	Specification will vary depending on which lens is used with the projector.
	<b>Lamp Wattage</b>	370W x 2
	<b>Expected Lamp Life*</b>	Approximately 2,000 hours (standard mode) 4,000 hours (Eco mode)
Compatibility	<b>Expected Filter Life**</b>	Approximately 15,000 hours
	<b>Speaker Output</b>	N/A
	<b>Keystone</b>	H and V: +/- 10° (Note: Input signal is XGA @ 60Hz)
	<b>Computer</b>	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/WSXGA+/UXGA/WUXGA (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
	<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
	Connectors	<b>Digital Input</b>
<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
<b>Video Input</b>		
S-Video		N/A
Composite Video		BNC x 1
Component Video		BNC x 3 (shared with computer in 2), 15-pin D-sub shrink x 1 (shared with analog computer in 1)
<b>Audio Input</b>		N/A
<b>Audio Output</b>		N/A
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 1 (wireless adapter)
	<b>Wired Remote Control</b>	3.5mm stereo mini jack (IN/OUT)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC110-120V / AC220-240V, 50/60Hz
	<b>Power Consumption</b>	1060W
	<b>Operating Temperature</b>	32°F - 113°F (0°C - 45°C)
	<b>Dimensions (W x D x H)</b>	21.1" x 17.2" x 6.7" (without lens) (537 x 438 x 170 mm)
	<b>Weight</b>	Approximately 36.9 lbs. (16.6 kg) (without lens)
<b>Approvals</b>	UL60950-1/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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