

Accessories	
Supplied Accessories	Remote control, power cord, computer cable, 2 AA batteries, cable cover, adapter cover, application CD, user's manual
Optional Accessories	HAS-WM03 wall mount, HAS-WM05 wall mount, wall plates, wall adapter, USBWL11N USB wireless adapter, MS-1 wired and MS-1WL wireless multifunction switchers, TT-03 tabletop stand
Replacement Parts	
Lamp	456-8109W
Remote Control	HL03033
Filter	UX37191

Projection Throw Chart (In inches)

Screen Size 4:3	Throw Distance	
	Diagonal	Distance from edge of projector to screen
60	4.1	15.2
70	6.7	17.8
80	9.3	20.4
90	11.9	23.0
100	14.5	25.6

Throw Ratio: (distance : width)
 0.2 : 1 from edge of projector
 0.3 : 1 from mirror cover

Specifications		
Display	Projection Technology	3LCD, 3 chip technology
	Resolution	XGA 1024 x 768
	White Light Output	3,800 ANSI lumens
	Color Light Output	3,800 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 4:3 / 16:9 and 16:10 compatible
	Contrast Ratio	10,000 : 1 (using active IRIS)
Lens & Operation	Throw Ratio (distance : width)	0.2 : 1 from edge of projector to screen 0.3 : 1 from mirror cover to screen
	Focus Distance	15" - 26" from mirror cover to screen
	Display Size	60" - 100"
	Lens	f = 4.21 mm
	Lamp Wattage	250W
	Expected Lamp Life*	Approximately 4,000 hours (standard mode) 6,000 hours (Eco mode)
	Expected Filter Life**	Approximately 4,000 hours
Compatibility	Speaker Output	16W x 1
	Keystone	H and V: +/- 5°
	Computer	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC 16"
	H-Sync	15 kHz - 106 kHz
	V-Sync	50 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 720p, 1080i, 1080p
Connectors	HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, computer signal TMDS clock 27 MHz - 150 MHz
	Digital Input	HDMI x 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with computer in 2)
	Video Input	
	S-Video	N/A
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1, MIC-in 3.5 mm mini jack 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 b/g/n - optional wireless adapter required
Ratings & Warranty	USB	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
	Power Supply	AC90-132V / AC198-264V, 50/60Hz
	Power Consumption	360W
	Operating Temperature	32°F - 104°F (0°C - 40°C)
	Dimensions (W x D x H)	14.8" x 14.2" x 5.4" (excluding protruding parts) Shipping 22" x 19" x 8"
	Weight	Approximately 9.4 lbs. / Shipping 16 lbs.
Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class B	
Warranty	Three (3) year limited warranty	
UPC	605194004874	

* Actual lamp life will vary by individual lamp 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 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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