

Accessories and Lenses

Supplied Accessories	Remote control, power cable, computer cable, USB cable, interactive pens x 2, pen tips x 2, AA batteries x 4, user manual (concise), StarBoard software application DVD, adapter cover, security label, HDMI cable holder x 2, cable ties x 4, hook metal, screw, Ferrite core
Optional Accessories	HAS-WM06 wall mount (Supports display size 70" - 100"), USBWL5G wireless adapter, FT02M finger touch unit
Optional Lenses	N/A
Replacement Parts	
Lamp	Lamp free
Remote Control	HL03037
Filter	UX43251

Projection Throw Chart (In inches)

Screen Size 16:10		
Diagonal	Distance from edge of projector to screen	Distance from center of mirror to screen
60	3.1	16.3
70	5.9	19
80	8.6	21.8
90	11.4	24.5
100	14.1	27.3
130	22.4	35.5

Throw Ratio: (distance : width)
 0.1 : 1 from edge of projector
 0.3 : 1 from center of mirror

Specifications

Display	Projection Technology	3 LCD, 3 chip technology
	Resolution	WXGA 1280 x 800
	Brightness	4,200 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	500,000 : 1 (Dynamic Black on)
	Throw Ratio (distance : width)	0.3 : 1 (From center of mirror to screen)
Operation	Focus Distance	16" - 35" (From center of mirror to screen)
	Display Size	60" - 130" or 60" - 110" using interactive feature
	Lens	f = 4.21 mm, Digital zoom x 1.35, powered focus
	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. 20,000 hours
Compatibility	Speaker Output	16W
	Keystone	H and V +/- 5°
	Computer	VGA, SVGA, XGA, WXGA, SXGA/WXGA+/WSXGA+/UXGA/WUXGA, 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, 576p, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 162 MHz
	MHL	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 75 MHz
	Connectors	Digital Input
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		
Composite Video		RCA jack x 1
Component Video		15-pin mini D-sub x 2 (shared with analog computer in 1/2)
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)
Ratings & Warranty	Network LAN Wireless	USB-A, IEEE802.11 a/b/g/n/ac - optional wireless adapter required
	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 x1 (RS-232 control)
	Power Supply	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	350W/340W
	Operating Temperature	32° - 104° (0°C - 40°C) under 5,250 ft. 32° - 95° (0°C - 35°C) 5,250 ft. - 10,000 ft.
	Dimensions (W x D x H)	19.9" x 16.7" x 5.5"
	Weight	Approximately 17.4 lbs.
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class B
	Warranty	5-year or 20,000 hours (whichever occurs first) limited warranty

* 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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