

Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, one standard ML703 lens, lens cover, user's manual, security label, application CD, adapter cover
Optional Accessories	USBWL11N USB wireless adapter, MS-1 wired multifunction switcher, MS-1WL wireless multifunction switcher
Optional Lenses	4 optional lenses are available: FL701, SL702, LL704, UL705
Replacement Parts	
Lamp	DT01291
Remote Control	HL02801
Filter	UX38241

Projection Throw Chart

Screen Size 4:3		Throw Distance	
Diagonal	Width	Min	Max
30	24	37	73
60	48	73	146
80	64	98	194
100	80	122	242
150	120	183	363
200	160	244	484
250	200	305	605
300	240	366	725

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
ML703	122 - 242	3.1 - 6.2
FL701	66	1.7
SL702	97 - 145	2.5 - 3.7
LL704	231 - 392	5.9 - 10.0
UL705	393 - 667	10.0 - 16.9

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

Specifications

Display	Projection Technology	3LCD, 3 chip technology
	Resolution	XGA 1024 x 768
	White Light Output	6,000 ANSI lumens
	Color Light Output	6,000 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 4:3 / 16:9 and 16:10 compatible
Lens & Operation	Contrast Ratio	3000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	1.5 - 3.0:1 (with standard lens)
	Lens	F = 1.6 - 2.9, f = 24 - 48 mm x 2.0 motorized zoom, focus & lens shift
	Lamp Wattage	330W
	Expected Lamp Life*	Approximately 2,500 hours (standard mode) 3,000 hours (Eco mode)
	Expected Filter Life**	Approximately 20,000 hours
	Speaker Output	16W (8W x 2 stereo)
	Acoustic Noise Level	37 dB (31 dB in Eco mode)
	Keystone	H and V: +/- 35° (with standard lens)
	Compatibility	Computer
H-Sync		31.5 kHz - 106 kHz
V-Sync		56 Hz - 120 Hz
Composite Video		NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
Component Video		480i, 480p, 576i, 720p, 1080i, 1080p
HDMI		480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
Connectors	Digital Input	HDMI x 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	BNC x 5
	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	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)
	Audio Input	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	Audio Output	RCA jack (L/R) x 1
	Network LAN Wired	RJ-45 port (100 base-T / 100 base-TX)
	Network LAN Wireless	USB-A, IEEE802.11 b/g/n - 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 x 1 (RS-232 control)	
Ratings & Warranty	Power Supply	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	480W
	Operating Temperature	32°F - 113°F (0°C - 45°C)
	Dimensions (W x D x H)	19.6" x 15.6" x 5.3" (without lens)
	Weight	Approximately 19.0 lbs.
	Approvals	UL 60950-1 / cUL, FCC Part 15 subpart B class A
	Warranty	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.

CP-X8160