CP-WX8650W / CP-WX8750W

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Technical Specifications

Connection labels (diagram):
- 2 x HDMI
- Display Port
- HDBaseT
- Status Monitor
- Remote Control In
- Remote Control Out
- RS-232
- RCA Video
- AC Power Input
- Audio In 2
- USB Type A
- LAN (RJ45)
- Audio In 1
- Audio Out
- Computer In
- Monitor Out
- Kensington Lock

a: Projection distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen
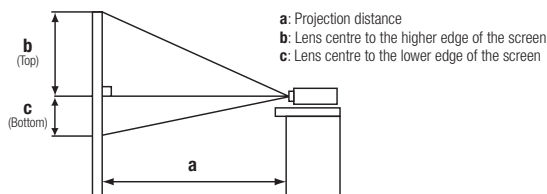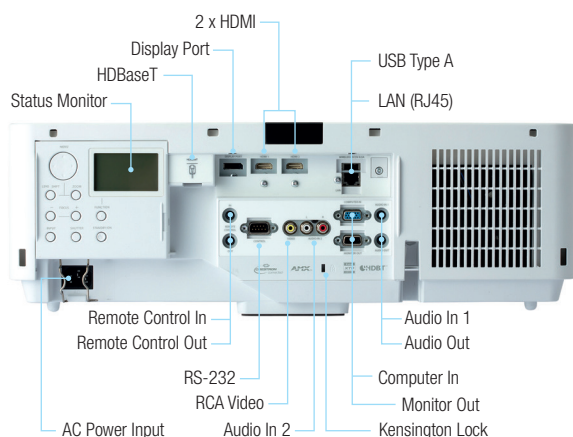
b (Top)
c (Bottom)
a

16:10 (STANDARD LENS ML-713 (NOT INCLUDED))

Screen size Diagonal	H x V (m)		Projection distance (a)		Screen height (cm)	
			Wide (m)	Tele (m)	b (Top)	c (Bottom)
80" (2.0m)	1.7	1.1	3.0	5.1	120	-12
100" (2.5m)	2.2	1.3	3.7	6.3	150	-15
200" (5.1m)	4.3	2.7	7.4	12.7	299	-30
300" (7.6m)	6.5	4.0	11.2	19.1	449	-45
400" (10.2m)	8.6	5.4	14.9	25.5	598	-60
500" (12.7m)	10.8	6.7	18.7	31.8	748	-75
600" (15.2m)	12.9	8.1	22.4	38.2	897	-90

*The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. **Where a lamp fails within warranty and a replacement lamp is taken, the warranty for the replacement lamp will be a maximum of 6 months (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. Crestron® and RoomView™ are registered trademarks or trademark of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.

OPTICAL

LCD panel	0.75" aspect ratio 16:10
Resolution	WXGA (1280 x 800)
Light output (Brightness)	CP-WX8650W: 6500 ANSI Lumens (Normal Mode)/5200 ANSI Lumens (Eco Mode) CP-WX8750W: 7500 ANSI Lumens (Normal Mode)/6000 ANSI Lumens (Eco Mode)
Colour light output	CP-WX8650W: 6500 ANSI Lumens (Normal Mode)/5200 ANSI Lumens (Eco Mode) CP-WX8750W: 7500 ANSI Lumens (Normal Mode)/6000 ANSI Lumens (Eco Mode)
Contrast ratio	10,000:1
Lens	Powered Zoom, Powered Focus (lens not included)
Lamp Wattage	CP-WX8650: 370W, CP-WX8750: 430W
Lamp life*	2000 Hours (Portrait Mode)/3000 Hours (Normal Mode)/4000 Hours (Eco Mode)
Distance to width ratio (:1)	1.7 (WIDE) / 3.0 (TELE)
Diagonal display size	30"~600" (76cm~1,524cm)
Number of colours	16.7M colours
Keystone	Vertical 10:0 shift, Normal at + 12.8° ~ 7.6° projection angle

COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/WSXGA+/UXGA/WUXGA, MAC16"
Composite	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component Video/HDMI	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)

FEATURES

Speakers	16W (8W x 2 Stereo)
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Auto signal search
Picture adjustments	Aspect selection, Equalising digital gamma correction, 2-3 Pull Down for NTSC, Progressive scan, Noise reduction, Mirror Reverse Image, Up-side Down Image, Equalising colour temperature adjustment, Frame lock, Perfect Fit
Digital Keystone	Horizontal: ±5 degrees, Vertical: ±5 degrees
Advanced features	Audio pass through, Audio ports assign, Auto Eco Mode, Blending, Filter timer, Lens memory, My Button, My Memory, My Text, MyScreen, Overscan, PC-less presentation, Picture modes (normal, cinema, dynamic, blackboard, greenboard, whiteboard, daytime, DICOM simulation), Resolution setting, Source naming (English), Template, Instant stack, 360° vertical tilt, Active iris, Eco mode (Normal, Eco), Mechanical shade, Picture by Picture/ Picture in Picture, Remote ID, Status monitor, Accentualizer technology, iOS Connectivity, HDCR, Warping, AMX Device Discovery, Crestron RoomView® compatible, Extron XTP system compatible, Failure and Warning Alerts via E-mail, picture shift, portrait projection
Outward	Easy lamp replace from side, Easy filter replace from side
Power on & off	Direct power on, Auto power off
Security systems	Password/My Screen Password, Pin lock, Key lock
Network	AMX Device Discovery, Command Control via the Network, Configuring and Controlling the Projector via a Web Browser, Controlling the Projector via Scheduling, Crestron RoomView® (Not accessible through the wireless adapter), Displaying text data transferred via network, Extron XTP system, Failure and Warning Alerts via E-mail, My Image (still image transfer) Display, Network Bridge, Network Presentation (PC still picture transfer), Frame rate (practical) is under 12fps (640x480 movie) reference purpose only, PJLink™, Projector Management via SNMP
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Portuguese, Japanese, Traditional Chinese, Simplified Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Persian, Arabian, Thai, Danish, Czech, Hungarian, Romanian, Slovenian, Croatian, Lithuanian, Estonian, Latvian, Greek, Brasileiro, Indonesian, Vietnamese

CONNECTIONS

Digital input	2 x HDMI (HDCP compliant), 1 x HDBT, 1 x Display Port
Computer input	1 x Mini-D-sub 15-pin connector
Monitor output	1 x Mini-D-sub 15-pin connector
Video input	1 x RCA connector
Audio input	2 (1 x 3.5mm stereo mini connector, 1 x RCA connector L/R)
Audio output	1 x 3.5mm stereo mini connector
Control	1 x 9-pin D-sub for RS232 control
USB	1 x USB type A (Used for wireless network)
Wired remote control	Yes
Wired network	1 x RJ-45 connector
Wireless network	Optional USB-WL-11N adaptor

POWER

Power supply	AC 100V-120V (50/60Hz) / AC 220V-240V (50/60Hz)
Power consumption/Standby	CP-WX8650: 500W/<0.35W (AC220-240V) CP-WX8750: 560W/<0.35W (AC220-240V)

PHYSICAL

Dimensions (W x H x D)	498 x 170 x 456mm
Weight Approximately	Approx 11.1kg
Noise level	CP-WX8650: 35dB (Normal Mode)/30dB (Eco Mode) CP-WX8750: 40db (Normal Mode)/33dB (Eco Mode)
Air filter	Hybrid

ACCESSORIES SUPPLIED

Power Cable, Computer Cable, Remote Controller, Adapter Cover (for USB Wireless Adapter), Security Label, User's Manual CD & Book, Application CD

OPTIONAL ACCESSORIES

Filter, USB Wireless Adapter USB-WL-11N, Lamp DT01881, Remote HL02805

WARRANTY

Projector/Lamp	3 years/6 months**