CP-HD9950W / CP-HD9950B

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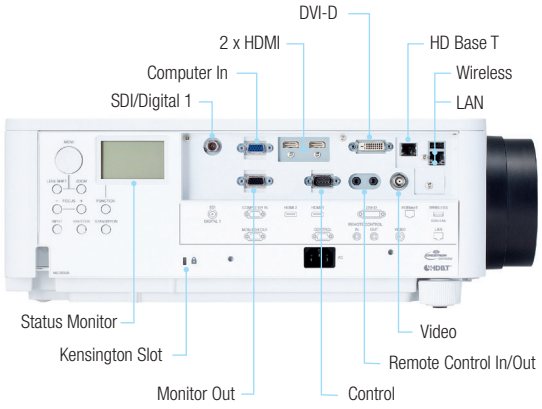
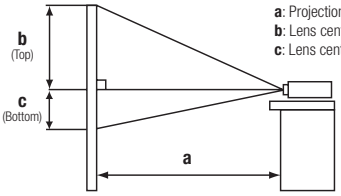
Technical Specifications





a: Projection distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

16:9 USING STANDARD LENS SD-903 (NOT INCLUDED)						
Screen size	H x V		Wide	Tele	b (Top)	c (Bottom)
50" (1.27m)	1.1m	0.6m	1.7m	2.7m	72cm	9cm
60" (1.52m)	1.3m	0.7m	2.1m	3.2m	86cm	11cm
70" (1.77m)	1.5m	0.9m	2.5m	3.8m	100cm	13cm
80" (2.03m)	1.8m	1.0m	2.8m	4.3m	114cm	15cm
90" (2.28m)	2.0m	1.1m	3.2m	4.9m	129cm	17cm
100" (2.54m)	2.2m	1.2m	3.6m	5.4m	143cm	19cm
120" (3.04m)	2.7m	1.5m	4.3m	6.5m	172cm	22cm
150" (3.81m)	3.3m	1.9m	5.4m	8.1m	215cm	28cm
200" (5.08m)	4.4m	2.5m	7.2m	10.9m	286cm	37cm
250" (6.35m)	5.5m	3.1m	9.1m	13.6m	358cm	46cm
300" (7.62m)	6.6m	3.7m	10.9m	16.3m	429cm	56cm
350" (8.89m)	7.7m	4.4m	12.7m	19.1m	501cm	65cm
400" (10.1m)	8.9m	5.0m	14.6m	21.8m	572cm	74cm
500" (12.7m)	11.1m	6.2m	18.2m	27.3m	716cm	93cm
600" (15.2m)	13.3m	7.5m	21.9m	32.8m	859cm	112cm

*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.

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OPTICAL	
Display Device	0.65" (16:9 aspect ratio) 1 x DLP
Resolution	1920 x 1080 (Full HD)
Light output (Brightness)	9500 ANSI Lumens (Normal Mode) / 7125 ANSI Lumens (Eco Mode)
Contrast ratio	2500:1
Lens	Interchangeable, Powered Zoom, Powered Focus, Lens shift
Lamp Wattage	430W Dual (Normal Mode) / 322W Dual (Eco Mode)
Lamp life	2000 Hours (Normal Mode) / 4000 Hours (Eco Mode)
Distance to width ratio (:1)	1.6(WIDE), 2.4 (TELE) (Standard Lens SD-903 not included)
Diagonal display size	50"~600" (100" at 3.5m, wide max.)
Number of colours	16.7 million colors
Keystone Correction	Lens FL-910 Vertical ±3.5°, Horizontal ±3.5° Lens SL-902 Vertical ±10.0°, Horizontal ±10.0° Lens ML-904 Vertical ±15.0°, Horizontal ±15.0° Lens UL-906 Vertical ±17.5°, Horizontal ±17.5° Lens USL-901 Vertical ±7.5°, Horizontal ±7.5° Lens SD-903 Vertical ±12.5°, Horizontal ±12.5° Lens LL-905 Vertical ±15.0°, Horizontal ±15.0°

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

FEATURES	
Basic functions	Auto signal search & Source skip, Frame Lock, Image blank by RS232C/Remote control LED lamps (Filter, Shutter, Security, Lamp-1, Lamp-2, Temp, Power), Mechanical shutter, Magnify, Mirror Reverse Image, Up-side Down Image, Freeze, Serial number displayed on EASY MENU and on the side of projector, Status monitoring by sub LCD
Picture adjustments	Bright/Rich Colour, Accentualizer and HDCR, Equalizing Colour temperature adjustment, Equalizing Digital Gamma Correction, Picture mode (Standard, Natural, Cinema, Dynamic, Board (Black), Board (Green), Whiteboard, Daytime, DICOM Simulation, User-1, User-2, User-3), Resolution setting, Video noise reduction, Mirror Reverse Image, Up-side Down Image, My Button by Remote control, My Memory, My source, My Text, MyScreen
Digital Keystone Correction	Horizontal, Vertical: ±10 degrees
Advanced features	360 degree installation angle, Active Iris, Blending/Cropping, Filter timer/selectable interval time to show the message for air filter cleaning, Image blank by RS232C/Remote control, Lens memory (Lens shift position, Lens type) MAC address displayed on the side of projector, Magnify 4 times (XGA) by RS232C/ Remote control, Mechanical shutter, Overscan (Video, Component video signal), Perfect Fit (4 corners), capable of saving/loading the setup Picture by Picture/Picture in Picture, Magnify 4 times (XGA) by RS232C/Remote control, Portrait projection, Resolution setting, Warping and Blending Simultaneously, Scheduling features, 24/7 Dual Lamp mode
Power on & off	Auto Power off, Direct power on, Eco mode
Security systems	PIN Security Lock, MyScreen Password Lock, My Text Password Lock, Lens Lock, Key Lock (Key pad, Remote Control)
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, 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), PJLink™, Projector Management via SNMP
OSD languages	33

CONNECTIONS	
HDMI input	2 x HDMI (HDCP Compliant)
Computer input	15-pin Mini-Dsub x 1
Computer output (Monitor out)	15-pin Mini-Dsub x 1
DVI-D	1x DVI-D input
SDI	1x SDI input
HD Base T	1x HD Base T input
Composite video (RCA jack)	1x BNC
Control	1 x RS-232C
USB	1 x USB type A for Wireless adapter
Wired remote control	3.5mm
Wired network	Wired LAN (RJ45)
Wireless network	Wireless LAN (USB WLAN Dongle, USB A) Optional

POWER	
Power supply	110-120V AC 10.2A / 220-240V AC 5.6A
Power consumption/Standby	110-120V AC 1090W / 220-240V AC 1070W / Standby 0.5W

PHYSICAL	
Dimensions (W x H x D)	537 x 505 x 170mm (with SD-903 lens) / 537 x 438 x 170mm (without lens)
Weight	17.9kg (with standard lens) / 17.1kg (without lens)
Noise level	37dB (Normal Mode) / 32dB (Eco Mode)
Air filter	Hybrid (15,000 hrs)

ACCESSORIES SUPPLIED
Remote Control HL02804, Power cord: US cord (3m) x 1, Euro cord (3m) x 1, Computer Cable (2m) x 1, Wireless USB Cover x 1, Wireless Remote Control Unit x 1, Ferrite core and Band x 2, Cable tie, AA Batteries x 2, Security Label x 1, Application CD x 1, User's Manual CD (Safety Guide, Quick Setup Guide, Network Quick Setup Guide, Operating Guide, Instant Stack Guide, Network Guide,) x 1, User's Manual (Concise) x 1

OPTIONAL ACCESSORIES	
USB Wireless adaptor USB-WL-11N, Lamp DT01911, Filter set UX39551	
Lens Unit	FL-910 (Ultra Short Throw Lens), USL-901 (Ultra Short Throw Lens), SL-902 (Short Throw Lens), SD-903 (Standard Lens), ML-904 (Middle Throw Lens), LL-905 (Long Throw Lens), UL-906 (Ultra Long Throw Lens)

WARRANTY	
Projector/Lamp	3 years/6 months** (for education and extended warranties please contact your local dealer)