# **CP-X8160**





# XGA INSTALLATION LCD PROJECTOR

Our new CP-X8160 projector is geared up for simple and user-friendly functionality in any environment. With a convenient motorised lens shift, and a 360° vertical tilt angle, images can be seamlessly adjusted and moved at the touch of a button. Plus, with a wide range of optional lenses, the CP-X8160 can adapt to any environment, from conference rooms and lecture theatres, to museums or anywhere requiring a creative solution.

# **Performance**

- XGA resolution (1024 x 768)
- Light Output (Brightness): 6000 ANSI Lumens (Normal Mode)
- 3000:1 Contrast ratio (Presentation Mode)
- Full connectivity including 2 x HDMI
- Input Source Naming
- · Wide range of optional lenses
- PC-Less presentation
- 2 x 8W speakers
- Motorised zoom
- Motorised lens shift
- Central lens position
- 2x standard zoom lens
- 360° Vertical Tilt Angle
- Status Monitor: Notifications of projector status
- Instant stacking for enhanced brightness levels

†Wireless is optional on this model (USB wireless adaptor sold separately)

# **Cost of ownership**

- Long life lamp lasts up to 3,000 hours in Eco Mode
- High performance filter lasts up to 20,000 hours in Eco Mode
- No additional filter cleaning costs
- Easy set up and installation
- Power saving mode
- Virtually maintenance free

# **Advanced Network Features**

- Full connectivity including 1 x RJ-45
- Optional wireless networking<sup>†</sup>
- Configure and control projector via network with a web browser
- Crestron RoomView®
- Projector management via SNMP
- Messenger function
- AMX Device Discovery
- PJI ink<sup>TM</sup>
- Network Bridge
- iOS Connectivity

# **Environment**



- The extended Hybrid Filter life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint
- Reduced power consumption less than 0.35W in Standby Mode.

Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.

Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.













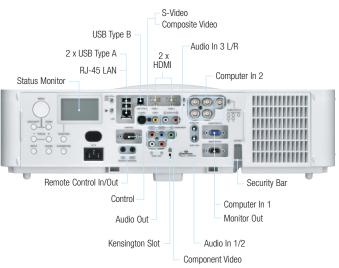


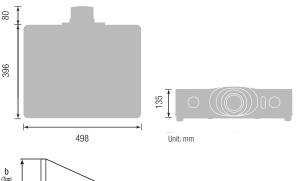


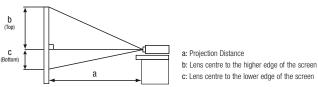


# CP-X8160 Technical specifications









lmage Size 4:3 - Standard Lens: ML703				
Screen Size	Projection Distance (a)		Screen Height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.9	46	0
40" (1.0m)	1.2	2.5	61	0
50" (1.3m)	1.6	3.1	76	0
60" (1.5m)	1.9	3.7	91	0
70" (1.8m)	2.2	4.3	107	0
80" (2.0m)	2.5	4.9	122	0
90" (2.3m)	2.8	5.5	137	0
100" (2.5m)	3.1	6.2	152	0
150" (3.8m)	4.6	9.2	229	0
200" (5.1m)	6.2	12.3	305	0
250" (6.4m)	7.7	15.4	381	0
300" (7.6m)	9.3	18.4	457	0
500" (12.7m)	15.5	30.7	762	0
600" (15.2m)	18.6	36.8	914	0











#### OPTICAL

LCD panel 0.79" (2.0cm) P-Si TFT x3 Resolution XGA (1024 x 768)

6000 ANSI Lumens (Normal Mode)/4800 ANSI Lumens (Eco Mode) Light output (Brightness) Colour light output (Brightness) 6000 ANSI Lumens (Normal Mode)/4800 ANSI Lumens (Eco Mode)

Contrast ratio 3000:1 (Presentation Mode) Powered Zoom x 2.0, Powered Focus Lens

Lamp Wattage 330W UHP

2500 Hours (Normal Mode)/3000 Hours (Eco Mode)\* 1.5 (Wide), 3.0 (Tele) Lamp life

Distance to width ratio (:1) 30"~600" (76cm~1,524cm) 8 Bit/colour, 16.7M colours Vertical 10:0 shift, Normal at + 14.2°~7.2° projection angle Diagonal display size Number of colours

Keystone

#### COMPATIBILITY

Computer compatibility Composite/S-Video VGA, SVGA, XGA, WXGA, WXGA+, SXGA+, UXGA, MAC 16" NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43 525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), Component Video/HDMI

750p(720p@50/60), 1125p(1080p@50/60)

#### FEATURES

Advanced features

Network

Speakers 2 x 8W (stereo) Basic functions

Picture adjustments

Freeze, Magnifying, Blank, Auto adjustment, Search 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 Auto Vertical & Horizontal Keystone correction ±35°

Digital keystone

Audio pass through, Audio ports assign, Auto Eco Mode, Closed caption (NTSC & 480l), Filter timer, Lens memory, My Button, My Memory, My Text, MyScreen, PC-less presentation, Picture modes (normal, cinema, dynamic,

blackboard, greenboard, whiteboard, daytime, DICOM simulation), Resolution setting, Source naming (English), Template, Instant stack,

iOS connectivity, status monitor
Easy lamp replace from side, Easy filter replace from side

Outward Power on & off Direct power on, Auto power off

PIN Security Lock, MyScreen Password Lock, Transition Detector, My Text Security systems

Password Lock, Key Lock (keypad, remote control), Lens Lock,

Security bar

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 adaptor), Displaying text data with audio alarm transferred via network, Failure and warning alerts via email, My Image (still image transfer)

Display, Network Bridge, Network Presentation (PC still/moving picture transfer), PJLink™, Projector management via SNMP English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, OSD languages Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish,

Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese

### CONNECTIONS

Digital input 2 x HDMI (HDCP Compliant) Computer input 1 x 15-pin Mini D-sub, 1 x BNC

1 x 15-pin Mini D-sub 1 x S-Video, 1 x RCA Composite Video, 3 x RCA Component Video Monitor output Video input

Audio input 2 x Stereo Mini Jack, 2 x RCA Jack(L/R) Audio output

2 x RCA Jack (L/R) 1 x 9-pin D-sub for RS232 control Control

LISB

2 x USB type A (PC-less presentation or optional wireless adaptor)
1 x USB type B (USB mouse control or USB display)
Input: 1 x Stereo Mini Jack, Output: 1 x Stereo Mini Jack Wired remote control

x RJ-45 (10BASE-T/100BASE-TX) Wired network

Wireless network IEEE802.11b/g/n (Optional USB wireless adaptor is required)

# POWER

AC100-120V/220-240V, auto switching Power supply Power consumption/Standby 455W/<0.3W (AC220-240V)

498 x 135 x 396mm (excluding feet and extrusions) Dimensions (W x H x D)

Weiaht Approximately 8.7Kg 37dB (Normal)/31dB (Eco) Noise level Air filter Hybrid (up to 20,000 hours)

### MISCELLANEOUS

LED lamps (power, lamp, temperature, security, filter, shade), Serial number label on side

UL 60950-1/cUL, FCC Part15 subpart B class A, CE Marking EN61000-3-2, EN61000-3-3, EN55022 class A, EN55022 (IEMC directive), EN60950-1 (Low voltage directive), WEEE/RoHS/ErP (lot 6 stage 2) compliant, c-tick class A, GOST-R

# ACCESSORIES SUPPLIED

Remote control with batteries (HL02801), RGB cable, power cord, lens cover, security label, user manual (detail & concise), Application CD, Adaptor cover

# OPTIONAL ACCESSORIES

Replacement lamp DT01291 UX38241 Filter set USB wireless adaptor USB-WL-11N

TB-1 wireless interactive tablet. IM-1P interactive camera unit Solution products

MS-1WL wireless multi-functional switcher, MS-1 multi-functional switcher Optional lenses

FL-701 - Motorized (focus only) - Fixed lens, Zoom x 1 SL-702 - Motorized - Short Throw Lens, Zoom x 1.5 LL-704 - Motorized - Long throw lens, Zoom x 1.7 UL-705 - Motorized - Ultra long throw lens, Zoom x 1.7

WARRANTY

3 Years/6 Months\* Projector/Lamp