

**Convenient and easy to use installation projector with advanced technology and 6,000 ANSI lumens brightness in a low profile design.**



## Key Features

- XGA 1024 x 768 resolution
- 6,000 ANSI lumens white/color output
- 16 watt audio output
- 3000:1 contrast ratio
- HDMI 2 inputs
- 20,000 hours hybrid filter\*
- 3,000 hours lamp life (Eco mode)\*\*
- Quick Connection iPad App

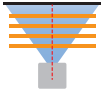


Hitachi's installation-friendly CP-X8160 LCD projector is designed to provide maximum presentation impact in mid to large venue applications. It offers a versatile array of innovative, performance-enhancing features along with advanced video display technology providing bold, brilliant colors with incredible image clarity and uniformity. Plus, with motorized zoom, focus and superior lens shift, and a variety of lens options, the CP-X8160 is at the top of its class when it comes to installation flexibility. All this, and with a lower cost of ownership. For added peace of mind, Hitachi's CP-X8160 is also backed by a generous warranty and our world-class service and support programs.

# CP-X8160

## UNIQUE FEATURES

### Center Lens Design



This feature makes it easy to align the projector with the center of the screen for faster and trouble-free setup.

### DICOM® Simulation Mode



Images in DICOM (Digital Imaging and Communications in Medicine) Mode are reproduced with an advanced grayscale level. This mode is ideal for viewing grayscale medical images such as X-rays, and for training and educational purposes.

These projectors are not approved medical devices. They should not be used for actual medical diagnosis.

### Motorized Zoom, Focus and Lens Shift Control



Allows for greater range of installation possibilities. With the motorized function you can make fine adjustments through the remote control or RS232/IP device.

### Multiple Lens Options



In addition to the one ML703 middle throw standard lens, four optional lenses are available: FL701 fixed; SL702 short throw; LL704 long throw; and UL705 ultra-long throw.

### Perfect Fit 2



Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

### Projector Quick Connection iPad App



Enables users to monitor and control multiple Hitachi projectors from a single iPad, with access to four different pages: Projector, Contents, Control and Settings.

### 360° Rotation



Display rotation of 360° for creative applications and greater installation flexibility.

### Status Monitor



With Hitachi's status monitor, you'll have access in real time to projector diagnostics. Status updates include configuration information, maintenance history, as well as error and alarm messaging. For even greater user convenience, the status monitor can be accessed on the rear input panel or through the Hitachi network tools software.

## STANDARD FEATURES

### Input Source Naming



Users can name input sources in simple language instead of factory default name. **Exclusive to Hitachi.**

### Network Control, Maintenance and Security



Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

### PC-Less Presentation



By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow function.

### PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

### PJMessenger



PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

### Power Saving Standby Mode



Power saving mode reduces the standby power consumption to less than 0.35W.

### Present Content via LAN



Hitachi's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

### Wireless Presentation Ready



You can use a wireless network by connecting the projector to a computer using the optional USB wireless adapter part number USBWL11N. The adapter supports IEEE802.11b/g and the latest 11n.



# CP-X8160 LCD Projector

**HITACHI**  
Inspire the Next

## Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Hitachi's CP-X8160 LCD projector is the perfect solution. With 6,000 ANSI lumens brightness and XGA 1024 x 768 resolution, the CP-X8160 will deliver dynamic images guaranteed to dazzle any audience. Incorporating Hitachi's leading-edge technology, the CP-X8160 features high contrast ratio, long lamp life, a variety of lens options to accommodate your specific application, and is wireless presentation ready. Plus, embedded



networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer, and e-mail alerts). Even with the array of advanced features, Hitachi's CP-X8160 is designed for user-friendly operation and installation convenience.



Front 3/4 View



Top View

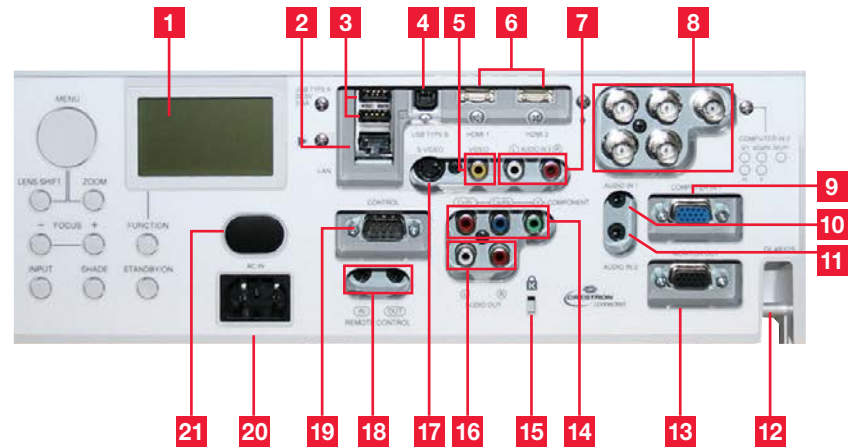


Side Profile



Rear View

## Input/Outputs



- |                    |                  |                       |
|--------------------|------------------|-----------------------|
| 1. Status Monitor  | 8. Computer in 2 | 15. Kensington Lock   |
| 2. LAN             | 9. Computer in 1 | 16. Audio Out         |
| 3. USB Type A x 2  | 10. Audio in 1   | 17. S-Video           |
| 4. USB Type B      | 11. Audio in 2   | 18. Remote Control    |
| 5. Composite Video | 12. Security Bar | 19. Control (RS-323C) |
| 6. HDMI x 2        | 13. Monitor Out  | 20. AC Inlet          |
| 7. Audio in 3      | 14. Component    | 21. Remote Sensor     |



3LCD Technology



Closed Captioning



Crestron Integrated Partner



AMX Device Discovery



Hitachi Trade-Up Program



3 Year Warranty

**HDMI** HDMI

HIO114-10/12 WEB  
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# CP-X8160



## Accessories and Lenses

<b>Supplied Accessories</b>	Remote control, power cord, computer cable, one standard ML703 lens, lens cover, user's manual, security label, application CD, adapter cover
<b>Optional Accessories</b>	TB-1 wireless USB tablet, USBWL11N USB wireless adapter
<b>Optional Lenses</b>	4 optional lenses are available: FL701, SL702, LL704, UL705
<b>Replacement Parts</b>	
<b>Lamp</b>	CPWX8255LAMP (DT01291)
<b>Remote Control</b>	HL02801
<b>Filter</b>	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
<b>ML703</b>	122 - 242	3.1 - 6.2
<b>FL701</b>	66	1.7
<b>SL702</b>	97 - 145	2.5 - 3.7
<b>LL704</b>	231 - 392	5.9 - 10.0
<b>UL705</b>	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

<b>Display</b>	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	XGA 1024 x 768
	<b>White Light Output</b>	6,000 ANSI lumens
	<b>Color Light Output</b>	6,000 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 4:3 / 16:9 and 16:10 compatible
<b>Lens &amp; Operation</b>	<b>Contrast Ratio</b>	3000 : 1 (using active IRIS)
	<b>Throw Ratio (distance : width)</b>	1.5 - 3.0:1 (with standard lens)
	<b>Lens</b>	F = 2.4 - 4.8 mm / x 2.0 digital zoom, focus & lens shift
	<b>Lamp Wattage</b>	330W
	<b>Expected Lamp Life*</b>	Approximately 2,500 hours (standard mode) 3,000 hours (Eco mode)
	<b>Expected Filter Life**</b>	Approximately 20,000 hours
	<b>Speaker Output</b>	16W (8W x 2 stereo)
	<b>Acoustic Noise Level</b>	37 dB (31 dB in Eco mode)
	<b>Keystone</b>	H and V: +/- 35° with standard lens
	<b>Compatibility</b>	<b>Computer</b>
<b>H-Sync</b>		31.5 kHz - 106 kHz
<b>V-Sync</b>		56 Hz - 120 Hz
<b>Composite Video</b>		NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
<b>Component Video</b>		480i, 480p, 576i, 720p, 1080i, 1080p
<b>Connectors</b>	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS Clock 27 MHz - 150 MHz
	<b>Digital Input</b>	HDMI x 2 (HDCP compliant)
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Input 2</b>	BNC x 5
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1
	<b>Video Input</b>	
	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)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	RCA jack (L/R) x 1
	<b>Network LAN Wired</b>	RJ-45 port (100 base-T / 100 base-TX)
	<b>Network LAN Wireless</b>	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	<b>USB</b>	Type A x 2 (PC-less presentation, wireless adapter, TB-1) Type B x 1 (USB display or mouse control)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
<b>Ratings &amp; Warranty</b>	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
	<b>Power Consumption</b>	480W
	<b>Operating Temperature</b>	32°F - 113°F (0°C - 35°C)
	<b>Dimensions (W x D x H)</b>	19.6" x 15.6" x 5.3" (without lens)
	<b>Weight</b>	approx. 19.0 lbs.
<b>Approvals</b>	UL 60950-1 / cUL, FCC Part 15 subpart B class A	
<b>Warranty</b>	3 year limited parts and labor	



\* 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.

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