# CP-X8150 LCD Projector

**Convenient and easy to use installation projector with advanced technology and 5,000 ANSI lumens brightness in a low profile design.**

**Installation Series**

## Key Features

- XGA 1024 x 768 resolution
- 5,000 ANSI lumens white/color output
- 16 watt audio output
- 3000:1 contrast ratio
- HDMI 2 inputs
- 15,000 hours hybrid filter*
- 4,000 hours lamp life (Eco mode)**
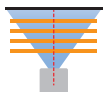- Quick Connection iPad App

Hitachi's installation-friendly CP-X8150 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-X8150 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-X8150 is also backed by a generous warranty and our world-class service and support programs.

# CP-X8150

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**hitachi-america.us/projectors**

3LCD

## 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 SL702 short throw standard lens, four optional lenses are available: FL701 fixed; ML703 middle 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
Our iOS application offers full projector control and also provides the capability to display photos, document files and web site contents. Available for iPad® and iPhone® devices. Works over your LAN via your RJ-45 port or via an optional USBWL11N wireless adapter.

## STANDARD FEATURES

**Installation Series**

### MyButton
Four customizable buttons on the remote control allow users to create a shortcut for projector functions such as Information, Auto Keystone, Picture Mode etc.

### 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.

### 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.

\*  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.

\*\* 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.

# CP-X8150 LCD Projector

## Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Hitachi's CP-X8150 LCD projector is the perfect solution. With 5,000 ANSI lumens brightness and XGA 1024 x 768 resolution, the CP-X8150 will deliver dynamic images guaranteed to dazzle any audience. Incorporating Hitachi's leading-edge technology, the CP-X8150 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-X8150 is designed for user-friendly operation and installation convenience.
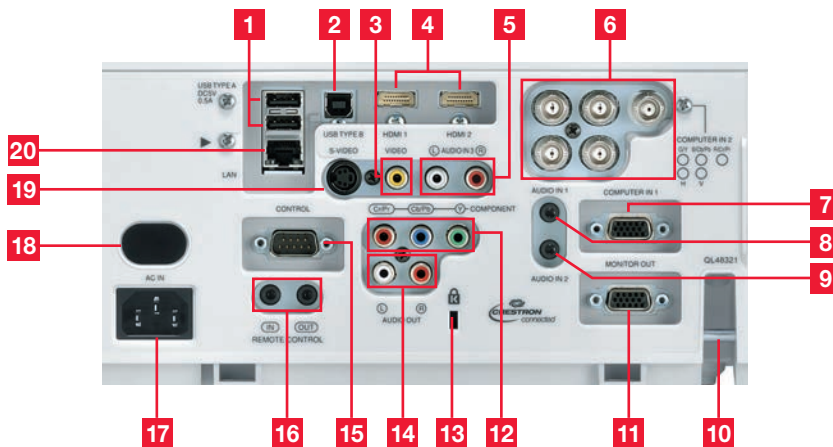
**Front 3/4 View**

**Side Profile**

**Top View**

**Rear View**

**Installation Series**

## Input/Outputs

1. USB Type A x 2
2. USB Type B
3. Composite Video
4. HDMI x 2
5. Audio in 3
6. Computer in 2
7. Computer in 1
8. Audio in 1
9. Audio in 2
10. Security Bar
11. Monitor Out
12. Component
13. Kensington Lock
14. Audio Out
15. Control (RS-232C)
16. Remote Control
17. AC Inlet
18. Remote Sensor
19. S-Video
20. LAN

3LCD Technology

CC  Closed Captioning

CRESTRON  Crestron Integrated Partner

AMX Device Discovery

Hitachi Trade-Up Program

3 YEAR WARRANTY  3 Year Warranty

HDMI  HDMI

# CP-X8150

# CP-X8150 LCD Projector

**HITACHI**
**Inspire the Next**

## Accessories and Lenses

| | |
|---|---|
| **Supplied Accessories** | Remote control, power cord, computer cable, one standard SL702 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, ML703, LL704, UL705 |

## Replacement Parts

| | |
|---|---|
| **Lamp** | DT01281 |
| **Remote Control** | HL02801 |
| **Filter** | MU06642 |

## Projection Throw Chart

| Screen Size 4:3 | | Throw Distance | |
|---|---|---|---|
| **Diagonal** | **Width** | **Min** | **Max** |
| 30 | 24 | 37 | 55 |
| 60 | 48 | 73 | 109 |
| 80 | 64 | 96 | 145 |
| 100 | 80 | 120 | 181 |
| 150 | 120 | 180 | 271 |
| 200 | 160 | 239 | 361 |
| 250 | 200 | 299 | 451 |
| 300 | 240 | 359 | 541 |

Throw Ratio: 1.5 - 2.2 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens SL702.

## Projection Lens Chart

| Lens | Inches | Meters |
|---|---|---|
| **SL702** | 120 - 181 | 3.1 - 4.6 |
| **FL701** | 83 | 2.1 |
| **ML703** | 153 - 303 | 3.9 - 7.7 |
| **LL704** | 288 - 490 | 7.3 - 12.4 |
| **UL705** | 487 - 830 | 12.4 - 21.1 |

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

## Specifications

**Installation Series**

| | | |
|---|---|---|
| **Display** | **Projection Technology** | 3LCD, 3 chip technology |
| | **Resolution** | XGA 1024 x 768 |
| | **White Light Output** | 5,000 ANSI lumens |
| | **Color Light Output** | 5,000 ANSI lumens |
| | **Colors** | 16.7 million colors |
| | **Aspect Ratio** | Native 4:3 / 16:9 and 16:10 compatible |
| | **Contrast Ratio** | 3000 : 1 (using active IRIS) |
| | **Throw Ratio** (distance : width) | 1.5 - 2.2:1 (with standard lens) |
| **Lens & Operation** | **Lens** | F = 1.6 - 2.0, f = 19 - 29 mm x 1.2 motorized zoom, focus & lens shift |
| | **Lamp Wattage** | 245W |
| | **Expected Lamp Life*** | Approximately 2,500 hours (standard mode) 4,000 hours (Eco mode) |
| | **Expected Filter Life**** | Approximately 15,000 hours |
| | **Speaker Output** | 16W (8W x 2 stereo) |
| | **Acoustic Noise Level** | 35 dB (29 dB in Eco mode) |
| | **Keystone** | H and V: +/- 35º (with standard lens) |
| **Compatibility** | **Computer** | VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC 16" |
| | **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** | 375W |
| | **Operating Temperature** | 32ºF - 104ºF (0ºC - 40ºC) |
| | **Dimensions (W x D x H)** | 19.6" x 15.6" x 5.3" (without lens) |
| | **Weight** | Approximately 18.3 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) |

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