Hitachi’s installation-friendly CP-WU8450 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, a variety of lens options, status monitor, and 360° display rotation, the CP-WU8450 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-WU8450 is also backed by a generous warranty and our world-class service and support programs.
**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.

**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.

**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.

**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.

**Picture By Picture**
Enables the content from two input sources to be displayed simultaneously, side by side on one screen. You can use any two sources including 2 HDMI, with both images sharing equal screen size. The feature is ideal for teleconferencing applications.

**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**

**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.

**Serial Number and Media Access Control Label**
A label is affixed to side of projector to more easily access and read the model name and serial number while mounted in ceiling use. This is a convenience for installers, end users and auditors for instant accessibility.

**Template Function**
Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

**Transition Detector and Security Bar**
A security sensor located inside the projector recognizes when the projector has been moved. Moving the projector without using the correct PIN code will disable the projector.

**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.

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* Actual filter life will vary by individual filter 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 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.

Hitachi America, Ltd.
900 Hitachi Way, Chula Vista, CA 91914
Toll Free: 1.800.HITACHI • Email: dmd.info@hal.hitachi.com
Web: hitachi-america.us/projectors
Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Hitachi’s CP-WU8450 LCD projector is the perfect solution. With 5,000 ANSI lumens brightness and WUXGA 1920 x 1200 resolution, the CP-WU8450 will deliver dynamic images guaranteed to dazzle any audience. Incorporating Hitachi’s leading-edge technology, the CP-WU8450 features high contrast ratio, long lamp life, picture by picture so you can project two images on one screen at the same time, 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). The CP-WU8450 comes equipped with a status monitor so you’ll have access in real time to projector diagnostics. Even with the array of advanced features, Hitachi’s CP-WU8450 is designed for user-friendly operation and installation convenience.
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CP-WU8450 LCD Projector

**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.**

### Accessories and Lenses
**Supplied Accessories**
- Remote control, power cord, computer cable, one standard ML703 lens, lens cover, user’s manual, security label, application CD, adapter cover

**Optional Accessories**
- USBLW11N USB wireless adapter, MS-1 wired multifunction switcher, MS-1WL wireless multifunction switcher

**Optional Lenses**
- 4 optional lenses are available: FL701, SL702, LL704, UL705

### Replacement Parts
- **Lamp**
  - DT01291
- **Remote Control**
  - HL02801
- **Filter**
  - UX38241

### Specifications

#### Display
- **Projection Technology**
  - 3LCD, 3 chip technology
- **Resolution**
  - WUXGA - 1920 x 1200
- **White Light Output**
  - 5,000 ANSI lumens
- **Color Light Output**
  - 5,000 ANSI lumens
- **Colors**
  - 16.7 million colors
- **Aspect Ratio**
  - Native 16:10 and 4:3 / 16:9 compatible
- **Contrast Ratio**
  - 3000 : 1 (using active IRIS)
- **Throw Ratio**
  - 1.5 - 3.0 : 1 (with standard lens)

#### Lens & Operation
- **Lens**
  - F = 1.6 - 2.9, f = 24 - 48 mm
  - 1.6 motorized zoom, focus & lens shift
- **Lamp Wattage**
  - 330W
- **Expected Lamp Life**
  - Approximately 2,500 hours (standard mode)
  - 3,000 hours (Eco mode)
- **Expected Filter Life**
  - Approximately 20,000 hours
- **Speaker Output**
  - 16W (8W x 2 stereo)
- **Acoustic Noise Level**
  - 37 dB (31 dB in Eco mode)
- **Keystone**
  - H: +/- 15º and V: +/- 35º (with standard lens)

#### Compatibility
- **Computer**
  - VGA, SVGA, XGA, WXGA, SXGA, SXGA+, WXGA+, UXGA, WSXGA+, WUXGA, 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 (10 base-T / 100 base-TX)
- **Network LAN Wireless**
  - USB-A, IEEE802.11 b/g/n - optional wireless adapter required
- **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)
- **Power Supply**
  - AC100-120V / AC220-240V, 50/60Hz
- **Power Consumption**
  - 480W
- **Operating Temperature**
  - 32°F - 104°F (0°C - 40°C)
- **Dimensions (W x D x H)**
  - 19.6” x 15.6” x 5.3” (without lens)
- **Weight**
  - Approximately 19.2 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)

### Projection Throw Chart

**Screen Size** 16:10 **Throw Distance**

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>Diagonal Width</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>24</td>
<td>38</td>
<td>76</td>
</tr>
<tr>
<td>60</td>
<td>48</td>
<td>76</td>
<td>151</td>
</tr>
<tr>
<td>80</td>
<td>64</td>
<td>101</td>
<td>202</td>
</tr>
<tr>
<td>100</td>
<td>80</td>
<td>127</td>
<td>252</td>
</tr>
<tr>
<td>150</td>
<td>120</td>
<td>190</td>
<td>377</td>
</tr>
<tr>
<td>200</td>
<td>160</td>
<td>253</td>
<td>503</td>
</tr>
<tr>
<td>250</td>
<td>200</td>
<td>316</td>
<td>628</td>
</tr>
<tr>
<td>300</td>
<td>240</td>
<td>379</td>
<td>754</td>
</tr>
</tbody>
</table>

**Projection Lens Chart**

<table>
<thead>
<tr>
<th>Lens</th>
<th>Inches</th>
<th>Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML703</td>
<td>127 - 252</td>
<td>3.2 - 6.4</td>
</tr>
<tr>
<td>FL701</td>
<td>69</td>
<td>1.8</td>
</tr>
<tr>
<td>SL702</td>
<td>100 - 151</td>
<td>2.5 - 3.8</td>
</tr>
<tr>
<td>LL704</td>
<td>240 - 407</td>
<td>6.1 - 10.3</td>
</tr>
<tr>
<td>UL705</td>
<td>407 - 691</td>
<td>10.3 - 17.6</td>
</tr>
</tbody>
</table>

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

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