

**Convenient and easy to use installation projector with advanced technology and 7,000 ANSI lumens brightness in a low profile design.**



## Key Features

- WUXGA 1920 x 1200 resolution
- 7,000 ANSI lumens white/color output
- 10,000:1 contrast ratio
- 2,000 hours lamp life (Standard mode) and 4,000 hours lamp life (Eco mode)\*
- 20,000 hours hybrid filter\*\*
- Edge Blending & Warping
- Seamless design
- Color Management
- HDCR / Accentualizer / Image Optimizer
- Portrait mode
- Five digital inputs: HDBaseT, HDMI x 2, display port, 3G SDI
- Wide range of lens options

**1.800.HITACHI**  
**dmd.info@hal.hitachi.com**  
**hitachi-america.us/projectors**



Hitachi's installation-friendly CP-WU8700W 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. The CP-WU8700W incorporates original Hitachi technology Accentualizer, HDCR, Image Optimizer and Color Management to deliver outstanding picture quality and visibility. Plus, with motorized zoom, focus and superior lens shift, a variety of lens options, 360° display rotation and status monitor, the CP-WU8700W 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-WU8700W is also backed by a generous warranty and our world-class service and support programs.

# CP-WU8700W



## UNIQUE FEATURES

### Accentualizer

Hitachi original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



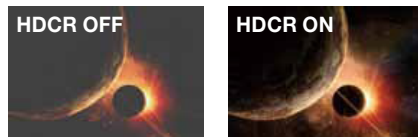
### Color Management



Allows you to change the HUE, SATURATION, LUMINANCE of each 6 colors (red, green, blue, cyan, magenta and yellow) without influencing each other. With this new technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of blue.

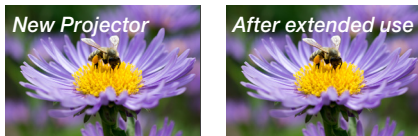
### HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.



### Image Optimizer

The Image Optimizer automatically adjusts HDCR and Accentualizer to improve visibility as lamp brightness dims over time.



### 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



Enables the user to adjust individual corners independent of one another. This feature helps correct geometric and complicated distortions. Perfect Fit 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 two sources including 2 HDMI, with both images sharing equal screen size. The feature is ideal for teleconferencing applications.

### Picture In Picture



Enables you to display one image inside another image using two sources including 2 HDMI.

### 360° Rotation



Display rotation of 360° for creative applications and greater installation flexibility.  
*The side planes of the projector should be kept vertical.*

### 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.

## 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.

### Picture Shift



Enables the user to fit or align contents to the screen by shifting the content area vertically.

### 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, serial number and MAC address while mounted in ceiling use. This is a convenience for installers, end users and auditors for instant accessibility.

### 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 Compatible



Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11b/g and 11n.

# CP-WU8700W LCD Projector

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## Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Hitachi's CP-WU8700W LCD projector is the perfect solution. With 7,000 ANSI lumens brightness and WUXGA 1920 x 1200 resolution, the CP-WU8700W will deliver dynamic images guaranteed to dazzle any audience. Incorporating Hitachi's leading-edge technology, the CP-WU8700W 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-WU8700W 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-WU8700W is designed for user-friendly operation and installation convenience.



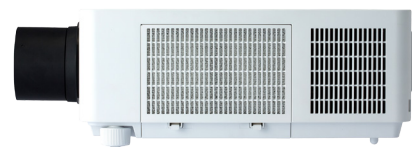
Front View



Ceiling Mounted



Top View

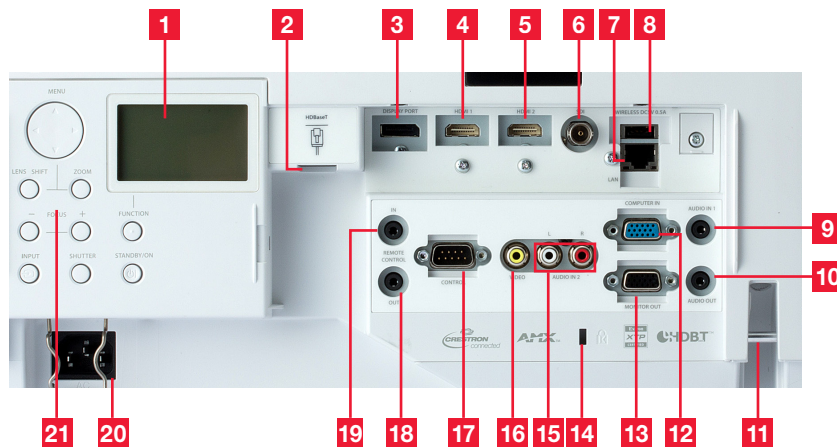


Side Profile



Seamless Design

## Input/Outputs



- |                          |                      |                                                  |
|--------------------------|----------------------|--------------------------------------------------|
| 1. Status Monitor        | 9. Audio In 1        | 17. Control (RS-232C)                            |
| 2. HDBaseT               | 10. Audio Out        | 18. Remote Control Out                           |
| 3. Display Port          | 11. Security Bar     | 19. Remote Control In                            |
| 4. HDMI 1                | 12. Computer In      | 20. AC Inlet                                     |
| 5. HDMI 2                | 13. Monitor Out      | 21. Motorized zoom, focus and lens shift control |
| 6. SDI                   | 14. Kensington Lock  |                                                  |
| 7. LAN                   | 15. Audio In 2 (L/R) |                                                  |
| 8. Wireless DC 5V / 0.5A | 16. Composite Video  |                                                  |



3LCD Technology



Closed Captioning



Crestron  
Integrated Partner



AMX Device  
Discovery



Hitachi Trade-Up  
Program



3 Year Warranty

HDMI HDMI



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Web: [hitachi-america.us/projectors](http://hitachi-america.us/projectors)

# CP-WU8700W



# CP-WU8700W LCD Projector

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## Accessories and Lenses

|                             |                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supplied Accessories</b> | Remote control, power cord, computer cable, AA batteries x 2, adapter cover, terminal cover, manual CD, user's manual, application CD, security label, HDMI bracket x 2, binder x 2 |
| <b>Optional Accessories</b> | Wireless adapter (USBWL11N), MS-1 wired multifunction switcher, MS-1WL wireless multifunction switcher, wireless pen tablet TB-1                                                    |
| <b>Optional Lenses</b>      | 5 optional lenses are available, FL701, SL712, ML713, LL704, UL705                                                                                                                  |
| <b>Replacement Parts</b>    |                                                                                                                                                                                     |
| <b>Lamp</b>                 | DT01881                                                                                                                                                                             |
| <b>Remote Control</b>       | HL02805                                                                                                                                                                             |
| <b>Filter</b>               | UX40821                                                                                                                                                                             |

## Projection Throw Chart

| Screen Size 16:10 |       | Throw Distance |      |
|-------------------|-------|----------------|------|
| Diagonal          | Width | Min            | Max  |
| 30                | 25    | 45             | 75   |
| 80                | 68    | 117            | 198  |
| 100               | 85    | 146            | 248  |
| 150               | 127   | 219            | 371  |
| 200               | 170   | 291            | 494  |
| 250               | 212   | 363            | 617  |
| 300               | 254   | 435            | 740  |
| 600               | 509   | 869            | 1478 |

Throw Ratio: 1.7 - 2.9 : 1 (distance : width)  
Screen size and throw distance are measured in inches with standard lens ML713.

## Projection Lens Chart

| Lens         | Inches    | Meters      |
|--------------|-----------|-------------|
| <b>ML713</b> | 143 - 244 | 3.6 - 6.2   |
| <b>FL701</b> | 66        | 1.7         |
| <b>SL712</b> | 98 - 148  | 2.5 - 3.8   |
| <b>LL704</b> | 236 - 403 | 6.0 - 10.2  |
| <b>UL705</b> | 402 - 687 | 10.2 - 17.4 |

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>                     | WUXGA - 1920 x 1200                                                                     |
|                               | <b>White Light Output</b>             | 7,000 ANSI lumens                                                                       |
|                               | <b>Color Light Output</b>             | 7,000 ANSI lumens                                                                       |
|                               | <b>Colors</b>                         | 16.7 million colors                                                                     |
|                               | <b>Aspect Ratio</b>                   | Native 16:10 and 4:3 / 16:9 compatible                                                  |
|                               | <b>Contrast Ratio</b>                 | 10,000 : 1 (using active IRIS)                                                          |
|                               | <b>Throw Ratio (distance : width)</b> | Specifications will vary depending on which lens is used with the projector             |
| <b>Lens &amp; Operation</b>   | <b>Focus Distance</b>                 | 43.3" - 1480.3"                                                                         |
|                               | <b>Display Size</b>                   | 30" - 600"                                                                              |
|                               | <b>Lens</b>                           | Specifications will vary depending on which lens is used with the projector             |
|                               | <b>Lamp Wattage</b>                   | 430W                                                                                    |
|                               | <b>Expected Lamp Life*</b>            | Approximately 2,000 hours (standard mode)<br>4,000 hours (Eco mode)                     |
|                               | <b>Expected Filter Life**</b>         | Approximately 20,000 hours                                                              |
|                               | <b>Speaker Output</b>                 | 16W (8W x 2 stereo)                                                                     |
|                               | <b>Keystone</b>                       | H: +/- 7.5° and V: +/- 35°                                                              |
| <b>Compatibility</b>          | <b>Computer</b>                       | VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC16"                   |
|                               | <b>H-Sync</b>                         | 15 kHz - 106 kHz                                                                        |
|                               | <b>V-Sync</b>                         | 50 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>HDMI</b>                           | 480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz       |
|                               | <b>Digital Input</b>                  | HDMI x 2, HDBaseT x 1, Display Port x 1, 3G-SDI x 1                                     |
|                               | <b>Computer Input</b>                 | 15-pin mini D-sub x 1                                                                   |
| <b>Connectors</b>             | <b>Computer Monitor Output</b>        | 15-pin mini D-sub x 1                                                                   |
|                               | <b>Video Input</b>                    |                                                                                         |
|                               | S-Video                               | N/A                                                                                     |
|                               | Composite Video                       | RCA jack x 1                                                                            |
|                               | Component Video                       | 15-pin mini D-sub (shared with computer in 1)                                           |
|                               | <b>Audio Input</b>                    | 3.5 mm stereo mini jack x 1, RCA x 1                                                    |
|                               | <b>Audio Output</b>                   | 3.5 mm stereo mini jack x 1                                                             |
|                               | <b>Network LAN Wired</b>              | RJ-45 jack x 1                                                                          |
|                               | <b>Network LAN Wireless</b>           | USB-A, IEEE802.11 b/g/n - optional wireless adapter required                            |
|                               | <b>HDBaseT</b>                        | RJ-45 jack x 1                                                                          |
|                               | <b>USB</b>                            | Type A x 1 (wireless network)                                                           |
|                               | <b>Wired Remote Control</b>           | 3.5 mm stereo mini jack (IN/OUT)                                                        |
| <b>Ratings &amp; Warranty</b> | <b>Control Terminals</b>              | 9-pin D-sub x 1 (RS-232 control)                                                        |
|                               | <b>Power Supply</b>                   | AC90-132V / AC198-264V, 50/60Hz                                                         |
|                               | <b>Power Consumption</b>              | 580W / 560W                                                                             |
|                               | <b>Operating Temperature</b>          | 32°F - 113°F (0°C - 45°C)                                                               |
|                               | <b>Dimensions (W x D x H)</b>         | 19.6" x 16.8" x 6.1" (without lens)                                                     |
|                               | <b>Weight</b>                         | Approximately 24.5 lbs                                                                  |
|                               | <b>Approvals</b>                      | UL 60950-1 / cUL FCC Part 15 subpart B class A                                          |
|                               | <b>Warranty</b>                       | 3 year limited parts and labor<br>Extended Service Contract available (additional cost) |

\* Actual lamp life will vary by individual lamp 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 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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# CP-WU8700W

