Ultra short throw LCD projector with a suite of advanced features delivering a complete interactive experience.

Key Features
- WXGA 1280 x 800 resolution
- 3,300 ANSI lumens white/color output
- 5000:1 contrast ratio
- HDMI 2 inputs
- Powered Focus / Perfect Fit
- Interactive pens
- Auto-calibration
- Multi-pen capability
- PC-less drawing
- Multi-display interactive
- HDCR/Accentualizer

The innovative interactive CP-TW3003 features an ultra short throw design and integrates Hitachi’s powerful software to deliver a complete interactive experience on any flat surface. With a rich feature set that meets the specific interactive needs of K-12, higher education, and corporate users, the CP-TW3003 is both easy to install and easy to calibrate. It provides vibrant image quality with cost-effective operation and produces large images in small spaces. New generation interactive features include interactive pen, multiple pen capability, auto-calibration, PC-less drawing, and multi-display interactive. Additionally, a suite of advanced features normally found only on the higher end models includes High Dynamic Contrast Range (HDCR), 2 HDMI ports, and Hitachi’s original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade. As with all Hitachi projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. Plus, Hitachi’s Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with energy-savings for a lower total cost of ownership. For added peace of mind, Hitachi’s CP-TW3003 is also backed by a generous 3 year warranty and our world-class service and support programs.

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CP-TW3003
HDCR ON
Gloss
Shade
in bright rooms. Results in clear images even if contrast occurs. This effect is similar to increasing the contrast caused by room lighting or outside light sources are corrected, and images become unclear. Using this function, blurred images are corrected and images become clearer.

When average projectors are used in bright rooms, the darker colors of an object they represent are corrected.

**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.

**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.

**Cloning Function**

Copy setting data from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.

**ImageCare Technology**

ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

**Intelligent Eco and Saver Modes**

Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

**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 App For Mobile Devices**

Our iOS application offers projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL11N wireless adapter.

**Tabletop Presentation**

Make any tabletop a projection screen using the optional tabletop stand. Ideal for a small group environment or in a room with limited space.

**Input Source Naming**

Users can name input sources in simple language instead of factory default names.

**Microphone Input**

A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

**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 and video 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.

**Starboard Interactive Presentation Software**

Hitachi’s world-class interactive StarBoard Software (SBS) is the next standard in collaboration, information sharing and dynamic presentation software. With a customizable interface and toolbar, Starboard streamlines your workflow and improves production.

**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.

**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.
New generation interactive projector for education and corporate environments.

The CP-TW3003 ultra short throw interactive LCD projector from Hitachi is specifically designed to enhance the visual experience — from the audience to presenters. Whether in a classroom or executive boardroom, the CP-TW3003 is the perfect solution.

With 3,300 ANSI lumens brightness and WXGA 1280 x 800 resolution, the CP-TW3003 will captivate the full attention of any audience by delivering your message with clarity and impact. Vivid colors. Bold graphics. Crisp text. It also features a high contrast ratio, long lamp life, cloning function enabling you to copy settings data from one projector to others of the same model, 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 email alerts). Best of all, the high performance CP-TW3003 is exceptionally reliable and offers a very low cost of ownership.

Input/Outputs

1. LAN
2. USB Type A x 2
3. USB Type B
4. HDMI 1
5. Control (RS-232C)
6. HDMI 2
7. Microphone Input
8. Audio in
9. Audio out
10. Computer in 2/ Monitor out
11. Computer in 1
12. Video in
13. Audio in 2
14. Finger Touch Unit Power
15. AC in (located on back side of the projector)
16. Kensington Lock
17. Security Bar

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**Display**
- **Projection Technology**: 3LCD, 3 chip technology
- **Resolution**: WXGA 1280 x 800
- **White Light Output**: 3,300 ANSI lumens
- **Color Light Output**: 3,300 ANSI lumens
- **Colors**: 16.7 million colors
- **Aspect Ratio**: Native 16:10 / 4:3 and 16:9 compatible
- **Contrast Ratio**: 5000 : 1 (using active IRIS)
- **Throw Ratio**: 0.2 : 1 from edge of projector to screen
  - 0.3 : 1 from mirror cover to screen
- **Focus Distance**: 16" - 27" from mirror cover to screen
- **Display Size**: 60" - 100"

**Lens & Operation**
- **Lens**: F = 1.8, f = 4.21 mm
- **Lamp Wattage**: 250W
- **Expected Lamp Life**: Approximately 4,000 hours (standard mode)
  - 6,000 hours (Eco mode)
- **Expected Filter Life**: Approximately 4,000 hours
- **Speaker Output**: 16W
- **Keystone**: H and V: +/- 5º

**Compatibility**
- **Computer**
  - VGA, SVGA, XGA, WXGA, WXGA+/SXGA/WSXGA+/UXGA (compressed), MAC 16" +
- **H-Sync**: 15 kHz - 106 kHz
- **V-Sync**: 50 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**: 15-pin mini D-sub x 1
- **Computer Monitor Output**: 15-pin mini D-sub x 1 (shared with computer in 2)
- **Video Input**
  - **S-Video**: N/A
  - **Composite Video**: RCA jack x 1
  - **Component Video**: 15-pin D-sub x 2 (shared with computer in 1/2)
- **Audio Input**: 3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1, MIC-in 3.5 mm mini jack x 1
- **Audio Output**: 3.5 mm stereo mini jack 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
- **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**: 360W
- **Operating Temperature**: 32°F - 104°F (0°C - 40°C)
- **Dimensions (W x D x H)**: 14.8" x 14.2" x 5.3" (excluding protruding parts)
- **Weight**: Approximately 9.9 lbs
- **Approvals**: UL 60950-1 / cUL, FCC part 15 subpart B Class B
- **Warranty**: 3 year limited parts and labor
- **Extended Service Contract available (additional cost)**

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**Accessories**
- **Supplied Accessories**
  - Remote control, power cord, computer cable, USB cable, interactive software DVD, interactive pen x 2, pen tips x 4, user’s manual
- **Optional Accessories**
  - Interactive pen (I-PEN3), interactive pen tip x12 (I-PENS Tip), wall mount (HAS-WM03), wall adapter for A100 wall mount (CPA100ADPA7), adapter for A3 wall mount (HAS-WB01), adapter for A100 wall mount (CPA100ADPA7), wireless adapter (USBWL11N), MS-1, MS-1WL multifunction switchers

**Replacement Parts**
- **Lamp**: DT01411 with filter
- **Remote Control**: HL03033
- **Filter**: UX37191

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**Specifications**

**Replacement Parts**

**Specifications**

**Projection Throw Chart (In inches)**

<table>
<thead>
<tr>
<th>Screen Size 16:10</th>
<th>Distance from edge of projector to screen</th>
<th>Distance from mirror cover to screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>5.0</td>
<td>16.1</td>
</tr>
<tr>
<td>70</td>
<td>7.8</td>
<td>18.3</td>
</tr>
<tr>
<td>80</td>
<td>10.5</td>
<td>21.8</td>
</tr>
<tr>
<td>90</td>
<td>13.3</td>
<td>24.4</td>
</tr>
<tr>
<td>100</td>
<td>16.1</td>
<td>27.1</td>
</tr>
</tbody>
</table>

Throw Ratio: (distance : width)
- 0.2 : 1 from edge of projector
- 0.3 : 1 from mirror cover

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