Providing advanced functionality with flexible installation features

*Projected images are simulations*
Models that are ideal for 24-hour use and capable of multi-projection using multiple projectors

9000 series
CP-WX9110 / CP-WX9210
CP-WU9410

Basic models that are easy to use and are packed with features

5000 series
CP-X9022WN / CP-X4022WN

4000 series
CP-X9110 / CP-WX9210
CP-WU9410

Models capable of industry-leading lens shift that make installation in various places a possibility

10000 series
CP-X10000
CP-WX11000
CP-SX12000

Models with a slim design that blend seamlessly with ceilings

8000 series
CP-X8010 / CP-WX8265 / CP-WU8460
CP-X8010 / CP-WX8255 / CP-WU8450
CP-X8010 / CP-WX8240 / CP-WU8440

Projected images are simulations
## Projector Specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Display System</th>
<th>Light Output (Brightness)</th>
<th>Resolution</th>
<th>Light Source</th>
<th>Standard Outside Dimensions (W x H x D)</th>
<th>Weight</th>
<th>Main Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-X9010</td>
<td>1Chip DLP®</td>
<td>10000lm</td>
<td>XGA</td>
<td>1024x768</td>
<td>(18.5&quot; x 6.7&quot; x 20.3&quot;) (Excluding lens and protruding part)</td>
<td>18.5kg (40.8lbs.)</td>
<td>2 HDMI input, Accentualizer &amp; HDCR, Built-in Dual Color Wheel, Edge Blending, Geometric Correction, Status Monitor Display, Motorized Zoom, Focus and Lens Shift</td>
</tr>
<tr>
<td>CP-X90410</td>
<td>1Chip DLP®</td>
<td>8500lm</td>
<td>WUXGA</td>
<td>1920x1200</td>
<td>(19.6&quot; x 5.3&quot; x 15.6&quot;) (Excluding protruding part)</td>
<td>8.7kg (19.2lbs.)</td>
<td>2 HDMI input, High Efficiency Optical System, Slim Design, Motorized Zoom, Focus and Lens Shift</td>
</tr>
<tr>
<td>CP-XW5000</td>
<td>3 LCD</td>
<td>7500lm</td>
<td>WXGA</td>
<td>1400x1050</td>
<td>(15.8&quot; x 4.1&quot; x 12.5&quot;) (Excluding protruding part)</td>
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<tr>
<td>CP-WX5025</td>
<td>3 LCD</td>
<td>5000lm</td>
<td>WXGA</td>
<td>1400x1050</td>
<td>(15.8&quot; x 4.1&quot; x 12.5&quot;) (Excluding protruding part)</td>
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<tr>
<td>CP-WX8450</td>
<td>3 LCD</td>
<td>5000lm</td>
<td>SXGA</td>
<td>1400x1050</td>
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<tr>
<td>CP-X5410</td>
<td>3 LCD</td>
<td>4000lm</td>
<td>XGA</td>
<td>1024x768</td>
<td>(18.5&quot; x 6.7&quot; x 20.3&quot;) (Excluding lens and protruding part)</td>
<td>8.4kg (18.5lbs.)</td>
<td>2 HDMI input, Accentualizer, PbyP/PinP, High Efficiency Optical System, Slim Design, 360° Projection, Motorized Zoom, Focus and Lens Shift, Intelligent ECO, Instant Stack, Manual V + H Lens Shift</td>
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<td>CP-XU8440</td>
<td>3 LCD</td>
<td>4000lm</td>
<td>SXGA</td>
<td>1400x1050</td>
<td>(15.8&quot; x 4.1&quot; x 12.5&quot;) (Excluding protruding part)</td>
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<tr>
<td>CP-X10000</td>
<td>3 LCD</td>
<td>4000lm</td>
<td>WXGA</td>
<td>1400x1050</td>
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### 1Chip DLP®

Projection method that uses a single DLP® chip to switch the red, green, and blue signals according to the color wheel. This method provides excellent color uniformity of images, durability, and is ideal for multiple projections and 24-hour use.

### 3 LCD Chips with Inorganic Alignment Layers

Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.
High Brightness and Image Quality That Deliver Bright Vivid Colors

Built-in Dual Color Wheel

Two color wheels are built in to match usage conditions. By switching the color wheel, you can achieve an image quality to match the projected image. Previously requiring the services of an expert, Hitachi unique technology allows you to switch the color wheel in about 10 seconds by the remote control without having to open the chassis to install the color wheel.

Reproduces color in levels equivalent to digital cinema. Ideal for use in museums and for viewing videos that emphasize color.

ACCENTUALIZER

Hitachi original technology makes pictures look more real by enhancing (1) Sharpness, (2) Gloss and (3) 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.

DICOM® Simulation Mode

The DICOM (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

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.

Dual Lamp

Equipped with a dual lamp system that achieves a high brightness of 10,000lm in a compact body weighing only 18.5kg. The period between lamp maintenance can be doubled by using the single lamp mode.
Ensuring High Reliability and Stability

Projectors are equipped with the Edge Blending function that achieves the seamless projection of one image using multiple projectors. The 9000 series comes with various blending functions that meet the level users are looking for.

Geometric Correction

Geometric correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

Superior Lens Shift

Superior lens shift lets you choose the most convenient installation location, even for large spaces. * The figure below is for the CP-WX9210.

4 Digital Inputs

Projectors provide 4 digital inputs consisting of HDMI, DVI-D, and HDBaseT to handle many types of installation environments.

HD Base T

Signals can be transmitted with no image degradation using standard LAN cables (Cat5e/6) up to 100m.

Variety of Interchangeable Lens Options

Seven lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.

24/7 Usable

Equipped with the highly reliable Dual Lamp System, if one lamp stops functioning during use, the second lamp activates and projects the image with no interruption in the projection. Also, 24 hours of continuous operation is available with the Alternative mode which alternating the use of the two lamps. The projectors are also equipped with the Hot Swap Lamp System which allows you to replace lamps while the projector is running. Even while projecting an image, you can replace lamps when necessary without turning off the projector.

New Cooling System

Peltier elements are positioned on the rear surface of the DLP® chip and provide efficient cooling in environments with an ambient temperature of up to 45 degrees Celsius.

High Performance Filter

The finely crafted form of these projectors incorporates a three-layer filter, providing maximum defense against dust with four unwoven cloth layers and an HAF filter. This highly efficient filter lasts about 50 times longer than conventional filters.* Thanks to this long life and easy maintenance, these models are ideal for use in retail, digital signage and other environments where the projector is in constant use. Depends on usage environment. Based on Hitachi test results.

Advanced Installability and System Features for Various Uses

Superior Lens Shift

Use a camera and quickly perform high precision blending processing automatically. * Requires installation of a specialized application to your computer.

Edge Blending

Easily perform blending processing without the use of any special equipment.

Geometric Correction

Geometric correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

360° Projection

Projectors can be installed facing any direction in 360 degrees, providing many projection possibilities. For example, you can install a projector to project onto a floor or ceiling. You can utilize the projectors in many different ways.

Alternative mode

Put the lamps without turning off the projector.

Variety of Interchangeable Lens Options

Seven lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.
Superior Lens Shift

The CP-WX11000 is capable of shifting the lens up and down ±1.25 screens and left and right ±0.6 screens, achieving a lens shift of the highest class in the industry. The projectors accommodate difficult installation conditions with ease, whether it is a location with a high ceiling resulting in the screen being lower than the projector or obstructions such as beams or pipes preventing installation in desired locations. Also, this lens shift uses optical correction instead of circuit signal processing which provides an image with no loss of image quality.

Figures when standard lens SD-804 is used.

High Performance Filter

The finely crafted form of these projectors incorporates a four-layer filter, providing maximum defense against dust with four unwoven cloth layers and an HAF filter. This highly efficient filter lasts about 50 times longer than conventional filters.* Thanks to this long life and easy maintenance, these models are ideal for use in retail, digital signage and other environments where the projector is in constant use.

*Depends on usage environment. Based on Hitachi test results.

Inorganic LCD panels

Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.

Variety of Interchangeable Lens Options

Six lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.

<table>
<thead>
<tr>
<th>Lens Type</th>
<th>Projection distance</th>
<th>Throw ratio</th>
<th>Projection distances for optional lenses when projecting onto a 100” screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultra short throw lens Zoom x1.2</td>
<td>CP-X10000</td>
<td>1.0 - 1.2</td>
<td>0.5 - 0.6</td>
</tr>
<tr>
<td>Short throw lens Zoom x1.2</td>
<td>CP-X10000</td>
<td>2.5 - 3.0</td>
<td>0.5 - 0.6</td>
</tr>
<tr>
<td>Short throw lens Zoom x1.5</td>
<td>CP-X10000</td>
<td>3.0 - 4.5</td>
<td>0.5 - 0.6</td>
</tr>
<tr>
<td>Standard lens Zoom x1.3</td>
<td>CP-X10000</td>
<td>4.5 - 6.0</td>
<td>0.5 - 0.6</td>
</tr>
<tr>
<td>Long throw lens Zoom x1.8</td>
<td>CP-X10000</td>
<td>7.5 - 10.5</td>
<td>0.5 - 0.6</td>
</tr>
<tr>
<td>Ultra long throw lens Zoom x1.5</td>
<td>CP-X10000</td>
<td>10.2 - 15.0</td>
<td>0.5 - 0.6</td>
</tr>
</tbody>
</table>

Projection distances for optional lenses when projecting onto a 100” screen.
8000 series

Providing advanced functions and flexible installation features

Advanced Installability and System Features for Various Uses

2.0x Zoom Lens

Featuring a powerful 2.0x manual zoom lens, the projectors allow for a greater range of installation possibilities. This is particularly convenient in rooms that lack installation flexibility due to ceiling obstructions such as water sprinklers, vents and lighting fixtures.

Superior Lens Shift

Superior lens shift lets you choose the most convenient installation location, even for large spaces. The figure below is for the CP-X8170.

360° Projection

Protractors can be installed facing any direction in 360 degrees, providing many projection possibilities. For example, you can install a projector to project onto a floor or ceiling. You can utilize the projectors in many different ways.

P by P / P in P Functions

Images from two input signals can be projected on one screen at the same time. Picture in Picture (P in P) enables you to display one image within another image. These functions are handy when you need to compare two sets of data or other material.

High Brightness and Image Quality that Excellently Express Images

2 HDMI input

Equipped with 2 terminals for the current widely-used interface

ACCENTUALIZER

Hitachi original technology makes pictures look more real by enhancing (1) Sharpness, (2) Gloss and (3) 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.*

DICOM® Simulation Mode

The DICOM (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximates DICOM Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

Comparison photos are simulations.

High Efficiency Optical System

Protractors achieve a brightness of the highest class in the industry by adopting a short arc length lamp with a small F-number lens.

The iF Design Award is a prestigious worldwide design award that began in 1953 in Germany, the origin of modern design. The 8000 series was awarded the iF Gold Award.

$POGFSFODF3PPNT&WFOU)BMMT

High Performance Projector for Various Uses

Hitachi original technology makes pictures look more real by enhancing (1) Sharpness, (2) Gloss and (3) 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.*

* Only for the CP-WU8450, CP-WX8265, and CP-X8170.
High Performance Filter
Projectors use a three-layer high performance filter that has two layers of unwoven cloth and an HAF (high air flow) filter. The filter can last up to 20,000 hours* without cleaning, reducing maintenance time.

* Varies according to usage environment.

Inorganic LCD panels
Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.

Ensuring High Reliability and Stability

High Performance Filter

The lamp door and the filter cover are located on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling.

Status Monitor
The status monitor is a sub-LCD located on the rear panel of the CP-XB170, CP-WX8265, CP-WU8460, CP-X8160, CP-WX8255 and CP-WU8450. It displays the present condition of the projector, including errors, setup information and error history.

Reliability.
Inorganic LCD panels

Various Network Features

Convenient Networking
Manage and control multiple projectors over your LAN with Centralized Reporting, Scheduling, E-mail Alerts, and My Image (Image Transfer)

Various Network Features

Networks can be connected to the projector through a LAN port. LAN is a network created by connecting a series of computers to one another using a network cable. Projectors are equipped with an Ethernet port to connect them to a LAN, allowing for centralized control and management of the system.

Among the functions that can be handled are changining the projector setup, input control, system maintenance, etc. The projector’s status can be checked and network settings can be changed from a computer connected to the network. The status of the projector can be monitored and controlled from a tablet or smartphone.

Smart Device Control
Plugging the USB wireless adapter to the projector and using the dedicated application developed by Hitachi, projectors can be controlled from a tablet or smartphone.*

Various Network Features

Inorganic LCD panels

Easy Maintenance

The lamp door and the filter cover are located on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling.

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Smart Device Control
Plugging the USB wireless adapter to the projector and using the dedicated application developed by Hitachi, projectors can be controlled from a tablet or smartphone.*
### Advanced Installability and System Features for Various Uses

#### 1.7x Zoom Lens

Featuring a powerful 1.7x manual zoom lens, the projectors allow for a greater range of installation possibilities. This is particularly convenient in rooms that lack installation flexibility due to ceiling obstructions such as water sprinklers, vents and lighting fixtures.

* The projection distance below is for the CP-X5022WN.

#### Manual Optical Lens Shift

Manually shift the lens horizontally and vertically, to position the image on the screen without causing any distortion. After ceiling mounting, fine adjustments can be done with a screwdriver and/or hexagonal wrench.

* A hexagonal wrench is included in the product package.

![Image](image1.png)

#### Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlap the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift and stacking alignment peg holes.

![Image](image2.png)

#### Perfect Fit

Perfect Fit allows you to make image adjustments by independently moving the individual corners and sides. Ideal for complex installations where using screen to image display is more difficult.

![Image](image3.png)

---

### Convenient Networking

Manage and control multiple projectors over your LAN with Centralized Reporting, Scheduling, E-mail Alerts, and My Image (Image Transfer)

### Wireless Capability (Option)

Connect a projector to a computer using the optional USB wireless adapter. The adapter supports IEEE802.11 b/g/n.

### Smart Device Control

Plugging the USB wireless adapter to the projector and using the dedicated application developed by Hitachi, projectors can be controlled from a tablet or smartphone.

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### Saver Mode

This feature developed by Hitachi reduces the projector lamp brightness and consumption power, resulting in considerable energy savings. Set the Saver mode time from 1 to 30 minutes, and if the projected image performance is not changed in that time, Saver mode activates. Saver mode can also be activated manually.

### Intelligent Eco Mode

This feature developed by Hitachi automatically changes the brightness of the lamp according to the level of the input signal. Lamp brightness is reduced when a darker image is projected returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

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### Ensuring High Reliability and Stability

#### High Performance Filter

The high performance filter is made of two layers of unwoven cloth and lasts up to approximately 4,000 hours* without cleaning, reducing maintenance time.

*Varies according to usage environment

#### Inorganic LCD panels

Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.

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### Hardware and software requirements for network capability

- **Graphic card:** Supports 16bit, XGA or higher (When using the “Live Image” function of the “Presentation Manager” application developed by Hitachi, projectors can be controlled from a tablet or smartphone. For details, please consult the user manual.)
- **Lan:** Supports IEEE802.11 b/g/n.
- **CD-ROM drive:** DVD-ROM drive
- **Memory:** 512 MB or higher
- **CPU:** Pentium® 4 (2.8GHz or higher)
- **Hard disk space:** 10GB or higher
- **Web browser:** Internet Explorer® 6.0 or higher, Firefox® 3.0 or higher
- **CD-ROM drive:** DVD-RAM drive

*Varies according to usage environment

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### OS:

- Windows® XP Home Edition/Professional Edition (32bit version only)
- Windows Vista® Home Basic/Home Premium/Business/Ultimate
- Windows® 7 Starter/Home Basic/Home Premium/Business/Ultimate
- Windows® 8 Starter/Home Premium
- OS X 10.6.8 or higher

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### Graphic card:

- Supports 16bit, XGA or higher

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### Memory:

- 512 MB or higher

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### CPU:

- Pentium® 4 (2.8GHz or higher)

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### Hard disk space:

- 10GB or higher

---

### Web browser:

- Internet Explorer® 6.0 or higher
- Firefox® 3.0 or higher
- DVD-RAM drive

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### CD-ROM drive:

- DVD-RAM drive

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### References:

* See the Hitachi website for details.

**http://www.hitachi.co.jp/proj/en/apps/lj_connection.html**
## Features

<table>
<thead>
<tr>
<th>High Efficiency Optical System</th>
<th>Projectors achieve a brightness of the highest class in the industry by adopting a short arc length lamp with a small F-number lens</th>
<th><img src="image1.png" alt="High Efficiency Optical System Icon" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCENTUALIZER</td>
<td>Hitachi’s original image correction technology that emphasizes sharpness, gloss, and shade to achieve more vivid images</td>
<td><img src="image2.png" alt="ACCENTUALIZER Icon" /></td>
</tr>
<tr>
<td>HDRC</td>
<td>Hitachi original technology that produces clear images in bright environments</td>
<td><img src="image3.png" alt="HDRC Icon" /></td>
</tr>
<tr>
<td>Dual Color Wheel</td>
<td>Separate color wheels with emphasis on brightness and color that can achieve images to suit the purpose</td>
<td><img src="image4.png" alt="Dual Color Wheel Icon" /></td>
</tr>
<tr>
<td>DICOM® Simulation Mode</td>
<td>Picture mode that achieves a gradation close to the DICOM standard</td>
<td><img src="image5.png" alt="DICOM® Simulation Mode Icon" /></td>
</tr>
<tr>
<td>Edge Blending</td>
<td>Corrects the shape of images and overlaps them seamlessly to use multiple projectors to project a single image</td>
<td><img src="image6.png" alt="Edge Blending Icon" /></td>
</tr>
<tr>
<td>Geometric Correction</td>
<td>Corrects the shape of images to make projections on various types of screens possible</td>
<td><img src="image7.png" alt="Geometric Correction Icon" /></td>
</tr>
<tr>
<td>Motorized Lens Shift</td>
<td>Lens shift is motorized and can be adjusted by remote control</td>
<td><img src="image8.png" alt="Motorized Lens Shift Icon" /></td>
</tr>
<tr>
<td>Manual Lens Shift</td>
<td>Lens shift can be easily adjusted manually</td>
<td><img src="image9.png" alt="Manual Lens Shift Icon" /></td>
</tr>
<tr>
<td>Interchangeable Lens Options</td>
<td>Significantly increase projection distance with optional interchangeable lenses</td>
<td><img src="image10.png" alt="Interchangeable Lens Options Icon" /></td>
</tr>
<tr>
<td>Lens Center</td>
<td>By aligning the center of the projector and the lens, the installation position of projector is simplified during the design and construction of a facility</td>
<td><img src="image11.png" alt="Lens Center Icon" /></td>
</tr>
<tr>
<td>Picture by Picture</td>
<td>Simultaneously project images from 2 inputs side-by-side</td>
<td><img src="image12.png" alt="Picture by Picture Icon" /></td>
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<tr>
<td>Picture-in-Picture</td>
<td>Display an image from a different source in the sub-area</td>
<td><img src="image13.png" alt="Picture-in-Picture Icon" /></td>
</tr>
<tr>
<td>360 Degree Projection</td>
<td>Projectors can be installed facing upwards, downwards, or other various directions</td>
<td><img src="image14.png" alt="360 Degree Projection Icon" /></td>
</tr>
<tr>
<td>Mechanical Shutter</td>
<td>The shutter blocks the projector light letting you quickly display and hide images while the projector is on</td>
<td><img src="image15.png" alt="Mechanical Shutter Icon" /></td>
</tr>
<tr>
<td>Instant Stack</td>
<td>Use 2 projectors by superimposing their images</td>
<td><img src="image16.png" alt="Instant Stack Icon" /></td>
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</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Projector Type</th>
<th>Lamp Type</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast Ratio</th>
<th>Portability</th>
<th>Connectivity</th>
<th>Weight</th>
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<tbody>
<tr>
<td>CP-X8160</td>
<td>1-Chip DLP</td>
<td>3L05</td>
<td>WUXGA</td>
<td>15,000</td>
<td>4000:1</td>
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### Features

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<tr>
<th>Installability and System Features</th>
<th>1080p DLP*</th>
<th>3 LCD</th>
<th>5000 series</th>
<th>4000 series</th>
<th>8000 series</th>
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<th>10000 series</th>
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<td>High Performance Filter</td>
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<tr>
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<td>HOT SWAP</td>
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</table>

* Available from the OSD menu on 9000 series models only. Set from a computer via an LAN connection.

**Note:** The table above summarizes the features of the Hitachi projectors, including Perfect Fit, 2 HDMI Input, Schedule Setting, Projector Control, Network Presentation, Wireless Capability (Option), Smart Device Control, Saver Mode, Intelligent Eco Mode, High Performance Filter, Inorganic LCD, Status Monitor, Dual Lamp System, and HOT SWAP. The features are categorized under Installability and System Features, Network, and High Reliability and Stability.
**Spec**

### 5000 series

<table>
<thead>
<tr>
<th>Model Name</th>
<th>CP-X8110</th>
<th>CP-XW8120</th>
<th>CP-WU8140</th>
<th>CP-XA81100</th>
<th>CP-XA82000</th>
<th>CP-XA83700</th>
<th>CP-WL860</th>
<th>CP-WL864500</th>
<th>CP-XA838100</th>
<th>CP-XA84200</th>
<th>CP-XW84400</th>
<th>CP-X5320WN</th>
<th>CP-X5420WN</th>
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<tbody>
<tr>
<td><strong>Display Type</strong></td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
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<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
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<tr>
<td><strong>Number of Pixels</strong></td>
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<td>1024 x 768</td>
<td>1024 x 768</td>
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<td>1024 x 768</td>
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<td>5000 hours</td>
<td>5000 hours</td>
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<td><strong>Power Requirements</strong></td>
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<tr>
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<td>22.5&quot; x 16&quot; x 14.5&quot;</td>
<td>22.5&quot; x 16&quot; x 14.5&quot;</td>
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### 4000 series

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<th>CP-WU8250</th>
<th>CP-WL8450</th>
<th>CP-XA83100</th>
<th>CP-XA84000</th>
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<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
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<td>22.5&quot; x 16&quot; x 14.5&quot;</td>
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</tr>
</tbody>
</table>

### 3000 series

<table>
<thead>
<tr>
<th>Model Name</th>
<th>CP-X5320WN</th>
<th>CP-X5422WN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display Type</strong></td>
<td>5.7&quot; DLP®</td>
<td>5.7&quot; DLP®</td>
</tr>
<tr>
<td><strong>Number of Pixels</strong></td>
<td>1024 x 768</td>
<td>1024 x 768</td>
</tr>
<tr>
<td><strong>Standard Lens</strong></td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Filter Cleaning Interval</strong></td>
<td>5000 hours</td>
<td>5000 hours</td>
</tr>
<tr>
<td><strong>Power Requirements</strong></td>
<td>537W</td>
<td>537W</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>22.5&quot; x 16&quot; x 14.5&quot;</td>
<td>22.5&quot; x 16&quot; x 14.5&quot;</td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td>Remote control with batteries, Power cord, Computer cable, Adapter cover, Lens cover, Application CD</td>
<td>Remote control with batteries, Power cord, Computer cable, Adapter cover, Lens cover, Application CD</td>
</tr>
</tbody>
</table>

### Remote Controls

- Remote control with batteries, Power cord, Computer cable, Adapter cover, Lens cover, Application CD
- Remote control with batteries, Power cord, Computer cable, Adapter cover, Lens cover, Application CD

### Power Consumption

- **10000 series**: 130W
- **9000 series**: 130W
- **5000 series**: 130W
- **4000 series**: 130W
- **3000 series**: 130W

### Key Features

- **Light Output (Brightness)**: 10000lm
- **Screen Size**: 50-600 inch
- **Lens Shift**: Motorized or Manual
- **Focus**: Motorized or Manual
- **Zoom**: Motorized or Manual
- **Speaker**: 8W x 2 (stereo) or 8W x 2 (mono)
- **Operating Temperature**: 0-35°C
- **Operating Humidity**: 20-80% (non-condensing)
### 9000 series

<table>
<thead>
<tr>
<th>Model</th>
<th>Screen size (H x V)</th>
<th>Projection distance (H x V)</th>
<th>Screen size (H x V)</th>
<th>Projection distance (H x V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Univ.</td>
<td>16:10</td>
<td>16:10</td>
<td>Univ.</td>
<td>16:10</td>
</tr>
<tr>
<td>SD-903W</td>
<td>78 x 56</td>
<td>160 x 120</td>
<td>LL-905</td>
<td>100 x 75</td>
</tr>
<tr>
<td>ML-904</td>
<td>80 x 60</td>
<td>170 x 130</td>
<td>UL-906</td>
<td>100 x 75</td>
</tr>
<tr>
<td>USL-901</td>
<td>80 x 60</td>
<td>170 x 130</td>
<td>USL-901</td>
<td>80 x 60</td>
</tr>
<tr>
<td>USL-902</td>
<td>80 x 60</td>
<td>170 x 130</td>
<td>USL-902</td>
<td>80 x 60</td>
</tr>
<tr>
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<td>80 x 60</td>
</tr>
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</table>

### 10000 series

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<td>80 x 60</td>
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### 8000 series

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<td>SD-903W</td>
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<td>80 x 60</td>
<td>170 x 130</td>
<td>USL-903</td>
<td>80 x 60</td>
</tr>
</tbody>
</table>

### 5000 series, 4000 series

<table>
<thead>
<tr>
<th>Model</th>
<th>Screen size (H x V)</th>
<th>Projection distance (H x V)</th>
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<td>USL-903</td>
<td>80 x 60</td>
</tr>
</tbody>
</table>
Lens Shift

Vertical or horizontal distance from the center of the projected image to the point where the lens axis intersects the screen. Illustrations below show the range of LENS SHIFT when the projector is installed upside down such as ceiling mount.

### 10000 series

<table>
<thead>
<tr>
<th>Lens Unit</th>
<th>Up</th>
<th>Right</th>
<th>Down</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-X10000</td>
<td>5%</td>
<td>15%</td>
<td>5%</td>
<td>15%</td>
</tr>
<tr>
<td>CP-SX10000</td>
<td>5%</td>
<td>15%</td>
<td>5%</td>
<td>15%</td>
</tr>
</tbody>
</table>

### 9000, 8000, 5000, 4000 series

<table>
<thead>
<tr>
<th>Lens Unit</th>
<th>Up</th>
<th>Right</th>
<th>Down</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-X9100</td>
<td>5%</td>
<td>15%</td>
<td>5%</td>
<td>15%</td>
</tr>
<tr>
<td>CP-X9300</td>
<td>5%</td>
<td>15%</td>
<td>5%</td>
<td>15%</td>
</tr>
</tbody>
</table>

### Option

<table>
<thead>
<tr>
<th>Model Name</th>
<th>3LCD</th>
<th>1024x768</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-X23000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP-X23100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP-X23200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP-WX40000</td>
<td></td>
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<tr>
<td>CP-WX41000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP-X23500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CP-WX42000</td>
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<td></td>
</tr>
</tbody>
</table>

### Installation Example

Hitachi projectors are utilized in various ways.

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Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, smoke, dust, soil or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be replaced or repaired if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp’s power on and off frequently shortens its service life.
- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- Do not use in rooms where the projector is not being used for an extended period of time. If it is not used for an extended period of time, it may be dehumidified.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp and the parts as the lamp part are extremely hot.
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