LCD Projector
CP-WX11000
WXGA (1,366 x 800)
6,500 Lumens
Lenses are all optional

LCD Projector
CP-SX12000
SXGA+ (1,400 x 1,050)
7,000 Lumens
Lenses are all optional

•**Simulator**
Projecting large images with high brightness produces more realistic simulations.

•**Vertical projection**
Create signage by projecting images onto a floor any place you have a large gathering of people.

•**Video conferencing**
Use life-sized projections of people for video conferences.

•**Concerts**
These projectors have enough brightness to project large images at mid-size concerts.

LCD Projectors
CP-WX11000/CP-SX12000

HITACHI Inspire the Next

SPECIFICATIONS

Model name	CP-WX11000	CP-SX12000
Liquid crystal panel structure	1.22" polysilicon active-matrix TFT x 3	1.3" polysilicon active-matrix TFT x 3
Number of pixels	1,092,800 pixels (V800 x H1,366)	1,470,000 pixels (V1,050 x H1,400)
Resolution	1,366 x 800 (WXGA)	1,400 x 1,050 (SXGA+)
Lamp	350W UHB	350W UHB
Brightness (light output)	6,500 lumens (with Standard Lens SD-804)	7,000 lumens (with Standard Lens SD-804)
Contrast ratio	2,500:1 (Iris on with Standard Lens SD-804)	2,500:1 (Iris on with Standard Lens SD-804)
Keystone correction	Auto vertical and manual vertical/horizontal keystone	Auto vertical and manual vertical/horizontal keystone
Power supply	AC110-120V/AC220-240V	AC110-120V/AC220-240V
Operating temperature	5-35°C (41-95°F)	5-35°C (41-95°F)

• Specifications are measured in the normal mode.

PROJECTION DISTANCE OF LENS OPTIONS

a: Projection distance

139.5mm (5.49") [0° - 5° inclination adjustment]

CP-WX11000

Ultra Short Lens: USL-801
Standard Lens: SD-804
Short 1 Lens: SL-802
Long Lens: LL-805
Short 2 Lens: SL-803
Ultra Long Lens: UL-806

CP-SX12000

Ultra Short Lens: USL-801
Standard Lens: SD-804
Short 1 Lens: SL-802
Long Lens: LL-805
Short 2 Lens: SL-803
Ultra Long Lens: UL-806

• Brightness varies depending on the lens. Tolerance ±10%.
• CP-WX11000 distance is for resolution of 1,366 x 800, Aspect Full mode.

OPTIONAL ACCESSORIES

Cable cover **CC10000**
Lens adapter **KU00041**
Filter **MU06351**
Lamp **DT01001**
Ceiling mount bracket **HAS-10000**
For high ceiling mount **HAS-304H**
For low ceiling mount **HAS-204L**

• Design and specifications are subject to change without notice.

HITACHI

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The projectors that meet all your needs, in all types of spaces.

High Resolution Meets Superb Functionality.

Introducing two high performance models that combine outstanding resolution with the wide array of Hitachi projector functions: the WXGA CP-WX11000 and the SXGA+ CP-SX12000. Designed for simple installation and easy maintenance, these projectors offer beautiful picture quality and Hitachi's industry-best reliability. They will provide large screen images for venues such as auditoriums and convention halls, bringing Hitachi performance to a wide spectrum of possible new uses.

■ Wider Lens Shift

With Hitachi's lens shift technology, the image's range of movement grows even wider. The CP-WX11000 can cover a total range of 3.5 screen* areas vertically and 2.2 screen areas horizontally (it can shift up or down by 120%* of the screen's height, and left or right by 60% of the screen's width.) This wider projection area means that you can place the projector on the second floor and be sure that audience shadows from the first floor will not block the screen. In auditoriums and convention halls with stationary screens, the projector can now be placed freely among any number of possible locations.
* CP-SX12000: 2.7 screens, 85%
• Figures are when Standard lens SD-804 is used.

■ Lens Memory

Lens Memory is a function capable of storing up to three lens shift settings. When you take another picture at a place where you previously stored a lens shift setting in memory, you can use the optimum lens shift setting, without having to adjust the lens shift position. You can easily call up a stored lens shift setting by selecting it from LOAD 1-3 on the OSD menu screen.

■ High Brightness

The CP-WX11000 at 6,500 lumens* and CP-SX12000 at 7,000 lumens* provide outstanding performance in a variety of settings regardless of size or ambient brightness.   * With Standard Lens SD-804.

■ Vertical Projection

The CP-WX11000 and CP-SX12000 can project images 90° up and down, opening up a whole new range of possible applications.

Large Angle Projection
With Motorized wide lens shift
2F seats
1F seats   Stage

Up 1.25 screens
Left 0.6 screens
Right 0.6 screens
Down 1.25 screens
Up and Down 3.5 screens*
Left and Right 2.2 screens
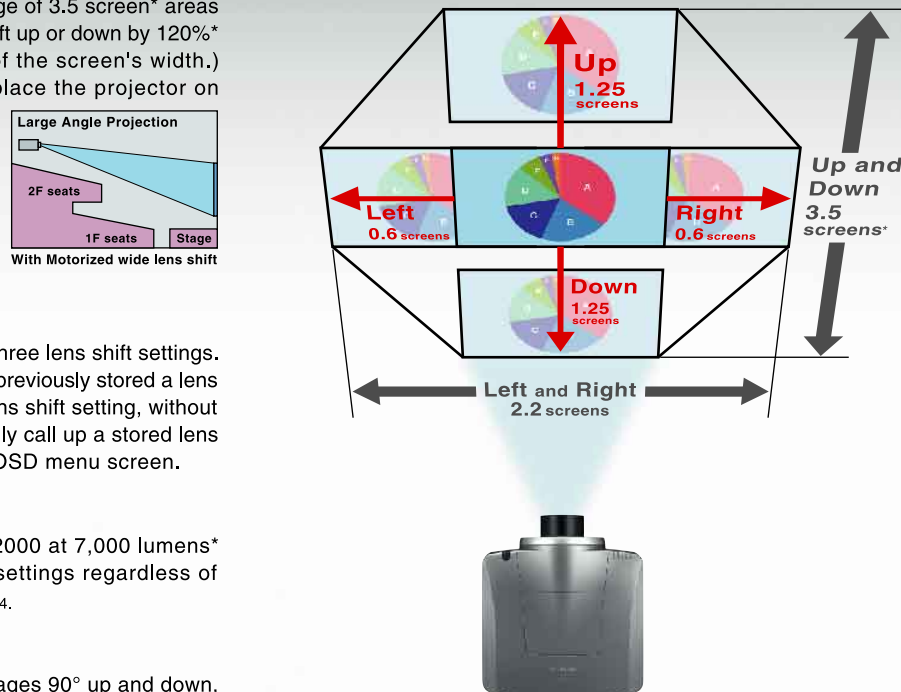
■ New High Performance Filter

The finely crafted form of these projectors incorporates a four-layer filter, providing maximum defense against dust with four unwoven cloth layers and two kinds of three HAF. 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.

■ Easy Replacement

With a side-mounted filter and the lamp on the back of the projector, maintenance is even easier, as the filter and lamp can both be replaced from the projector's fixed position. Removing them is also very simple, saving maintenance time.

New Hybrid Filter
Lamp Door
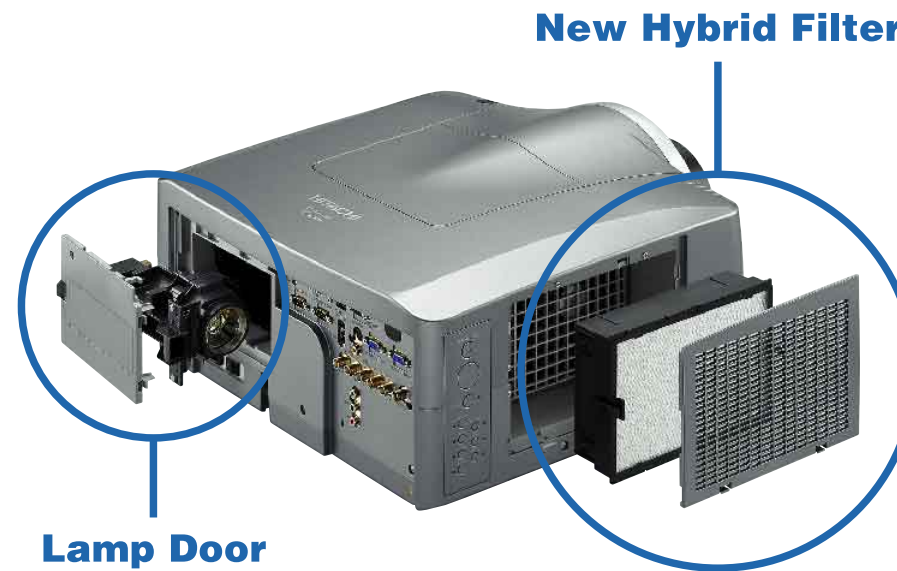
■ Wide screen compatibility

Featuring a wide WXGA (1,366 x 800) LCD panel, the CP-WX11000 projects beautiful images with real WXGA resolution—and there's no need to modify the wide screen computer image.
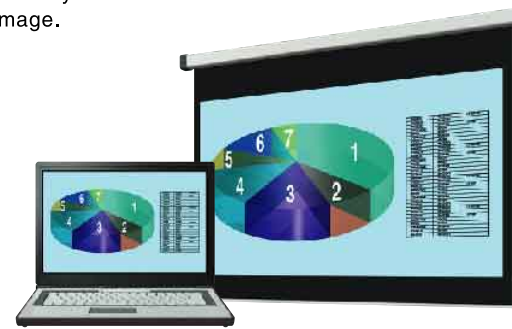
■ High Resolution of SXGA+

The CP-SX12000 offers an extremely wide SXGA+ resolution projection area. Capable of displaying clear and vivid details for CAD designs, technical data, simulators and so on, it ensures that text and graphs are always sharp.

XGA 1,024 x 768
SXGA+ 1,400 x 1,050
A   A
XGA   SXGA+
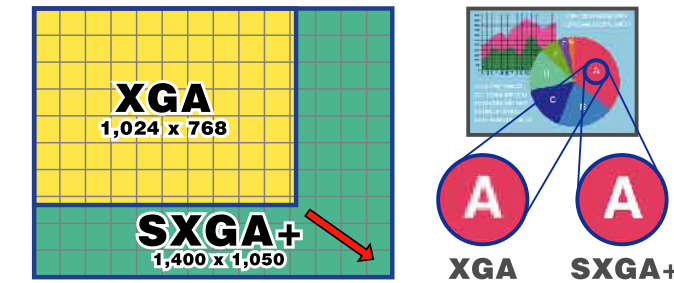
■ Heightened Picture Quality

Digital processing of the video signal is 10-bit from input to output, allowing smooth and natural gradations with 1024 shades of each RGB color. In total, the CP-WX11000 and CP-SX12000 can create 1.074 billion colors. Additionally, with an on-board high performance chip and high contrast of 2500:1* using the Iris, picture quality is boosted even further.
* With Standard Lens SD-804
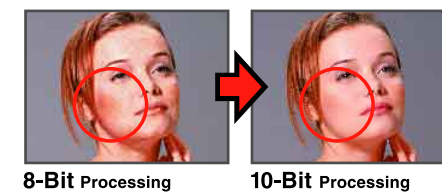
■ Inorganic LCD Panels

The CP-WX11000 and CP-SX12000 use three inorganic LCD panels, which feature higher resistance to light. This translates into longer operating life and permits the installation of a stronger light source, achieving even greater brightness. The use of double speed drive further improves picture quality, and this unique technology achieves higher contrast with LCD panels. In addition, the inorganic LCD panels offer high reliability.

8-Bit Processing   10-Bit Processing

■ Versatile Security

These projectors are equipped with a security bar that allows the easy attachment of a security chain. By using the PIN Lock, you can limit the number of users. The MyScreen function can be used to identify the owner, and is also protected by a PIN Lock. A Transition Detector can prevent unauthorized use of the projector.

■ P by P Function

The P by P function lets you show two different images on a split screen, for more effective use of the projector.
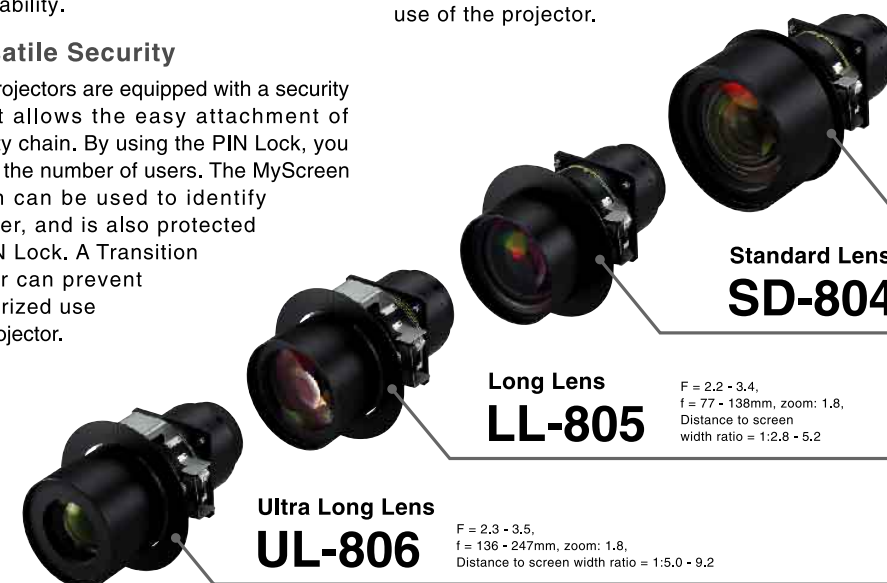
■ Remote Control with ID Change Function

The remote control has four ID buttons. When operating multiple projectors at one time, each projector ID can be changed to prevent confusion. Adjustments to the focus, zoom and lens shift can all be made via the remote control. The remote control also has a built in laser pointer.

■ New OSD Menu Design

The CP-WX11000 and CP-SX12000 use a new OSD menu with an intuitive interface and sophisticated design. Various functions are easily differentiated by icons, and a horizontal slide bar makes for easy operation.

New OSD

■ Network Bridge Function and RS-232C Input/Output

The Network Bridge function allows commands to be passed thru its LAN port and sent to another device connected to the RS-232C output, such as an external TV Tuner or control panel. This helps to simplify and lower the costs of cabling and installation. As well, having individual RS-232C inputs and outputs allows you to daisy chain multiple CP-WX11000s or CP-SX12000s together.
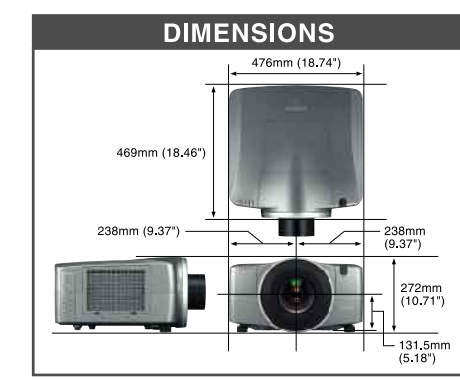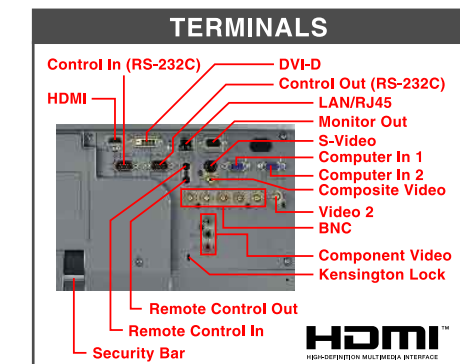
■ Convenient Networking

Using LAN Network functions, management and control of multiple projectors is possible. Networking functions include Projector monitoring and control, My image (image transfer), e-mail alerts and scheduling functions.

■ Mechanical Shutter

The shutter mechanically blocks off light, acting as a valuable tool for any presentation.

■ Other Features

• Input Source Naming • Direct Power On
• Auto Vertical Keystone Correction
• Resolution Preset and Customize
• Template Function • Whiteboard and Blackboard Mode • Daytime Mode
• IR Remote Freq. Change • Closed Captions
• My Text • Serial Number Label on Side
• Source Skip • Security LED

TERMINALS
Control In (RS-232C)   DVI-D
HDMI   Control Out (RS-232C)
LAN/RJ45
Monitor Out
S-Video
Computer In 1
Computer In 2
Composite Video
Video 2
BNC
Component Video
Kensington Lock
Remote Control Out
Remote Control In
Security Bar

DIMENSIONS
476mm (18.74")
469mm (18.46")
238mm (9.37")   238mm (9.37")
272mm (10.71")
131.5mm (5.18")

LCD Projectors
CP-WX11000
CP-SX12000
Lenses are all optional

■ Variety of Interchangeable Lens Options

By making use of six types of optional lenses, projection onto a 100" screen can be achieved from a distance of anywhere from 1.1 to 20.3 meters (43"—798") with the CP-WX11000, and 1 to 18.8 meters (39"—740") with the CP-SX12000, allowing them to fit easily into available space. In spacious areas such as auditoriums and convention halls they are capable of creating up to a 700" image. One lens adapter is included with the projector. When using multiple lenses, it is convenient to purchase additional lens adapters for each one.

Lens adapter

Ultra Short Lens USL-801
$F = 2.4 - 2.5$, $f = 14 - 17mm$, zoom: 1.2, Distance to screen width ratio = 1:0.5 - 0.6
CP-WX11000: 1.1 - 1.3m (43"- 51")
CP-SX12000: 1.0 - 1.2m (39"- 47")

Short 1 Lens SL-802
$F = 2.5 - 2.9$, $f = 34 - 41mm$, zoom: 1.2, Distance to screen width ratio = 1:1.2 - 1.5
CP-WX11000: 2.7 - 3.3m (106"- 129")
CP-SX12000: 2.5 - 3.0m (99"- 119")

Short 2 Lens SL-803
$F = 2.1 - 2.7$, $f = 40 - 59mm$, zoom: 1.5, Distance to screen width ratio = 1:1.5 - 2.1
CP-WX11000: 3.2 - 4.7m (126"- 186")
CP-SX12000: 3.0 - 4.4m (116"- 173")

Standard Lens SD-804
$F = 1.6 - 2.1$, $f = 60 - 78mm$, zoom: 1.3, Distance to screen width ratio = 1:2.2 - 2.9
CP-WX11000: 4.8 - 6.3m (180"- 248")
CP-SX12000: 4.4 - 5.8m (175"- 230")

Long Lens LL-805
$F = 2.2 - 3.4$, $f = 77 - 138mm$, zoom: 1.8, Distance to screen width ratio = 1:2.8 - 5.2
CP-WX11000: 6.2 - 11.5m (244"- 453")
CP-SX12000: 5.7 - 10.7m (226"- 419")

Ultra Long Lens UL-806
$F = 2.3 - 3.5$, $f = 136 - 247mm$, zoom: 1.8, Distance to screen width ratio = 1:5.0 - 9.2
CP-WX11000: 11.0 - 20.3m (433"- 798")
CP-SX12000: 10.2 - 18.8m (402"- 740")

Projection distances for optional lenses when projecting onto a 100" screen. CP-WX11000 distance is for resolution of 1,366 x 800, Aspect Full mode.