

→ CP-WX4022WN  
CP-X5022WN  
CP-X4022WN

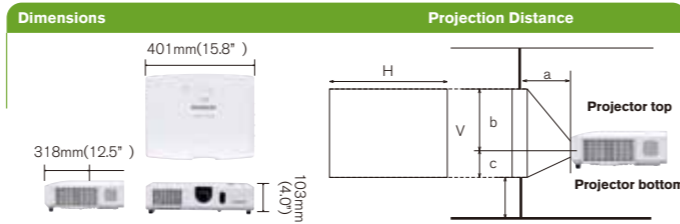
## LCD Projectors

| Specifications                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |            |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------|
| Model name                         | CP-WX4022WN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CP-X5022WN                                      | CP-X4022WN |
| Product name                       | Liquid crystal projector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |            |
| Liquid Crystal Panel               | 1,024,000 pixels (1280 horizontal x 800 vertical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 786,432 pixels (1024 horizontal x 768 vertical) |            |
| Lamp                               | 245W UHP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |            |
| Light output (brightness)          | 4000lm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5000lm                                          | 4000lm     |
| Contrast ratio (Presentation mode) | 3000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |            |
| Speaker                            | 16 W mono (8 Wx2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |            |
| Power supply /Rated current        | AC100-120 V: 4.0 A, AC220-240 V: 2.0 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |            |
| Power consumption                  | AC100-120 V: 370 W, AC220-240 V: 350 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |            |
| Temperature range                  | 5 ~ 35 °C (Operating at an altitude up to 7500 ft.(2286 m))<br>5 ~ 30 °C (Operating at an altitude over 7500 ft.(2286 m))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |            |
| Dimensions(WxHxD)                  | 401 (W) x 103 (H) x 318 (D) mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |            |
| Weight (mass)                      | Approximately 4.6kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |            |
| Ports                              | <b>COMPUTER IN 1</b> D-sub 15 pin mini jack x1<br><b>COMPUTER IN2</b> (H, V, G/Y, B/Cb/Pb, R/Cr/Pr) BNC jack x5<br><b>HDMI</b> HDMI I connector x1<br><b>MONITOR OUT</b> D-sub 15 pin mini jack x1<br><b>COMPONENT (Y, Cb/Pb, Cr/Pr)</b> RCA jack x3<br><b>S-VIDEO</b> Mini DIN 4 pin jack x1<br><b>VIDEO</b> RCA jack x1<br><b>AUDIO IN</b> 3.5 mm (stereo) mini jack x1<br><b>COMPUTER IN2</b> 3.5 mm (stereo) mini jack x1<br><b>AUDIO IN3 (R, L)</b> RCA jack x2<br><b>AUDIO OUT (R, L)</b> RCA jack x2<br><b>USB TYPE A</b> USB type A connector x2<br><b>USB TYPE B</b> USB type B connector x1<br><b>CONTROL</b> D-sub 9 pin plug x1<br><b>LAN</b> RJ45 jack x1<br><b>MIC</b> 3.5 mm (mono) mini jack x1<br><b>REMOTE CONTROL</b> 3.5 mm (stereo) mini jack x1 |                                                 |            |
| Optional parts                     | Lamp: DT01171 / Filter unit: MU07791 / Mounting accessory: HAS-3010 (Bracket for ceiling mount) HAS-204L (Fixing adapter for low ceilings) HAS-304H (Fixing adapter for high ceilings) / Laser remote control: RC-R008 / USB wireless adapter: USB-WL-11N<br>* For more information, please consult your dealer.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |            |

### Environment

- ▶ **Compliance with EU Directive RoHS<sup>\*1</sup>**
- ▶ **Reduction of resin usage in production**  
Use of hot runners in molds for making upper housing in order to reduce mill ends.
- ▶ **Reduction of CO<sub>2</sub> emissions**  
Carton volume has been cut down to 72%<sup>\*2</sup>, reducing CO<sub>2</sub> emissions during transport.
- ▶ **Power saving mode engaged during standby**
- ▶ **Eco mode**  
Eco mode provides power saving.

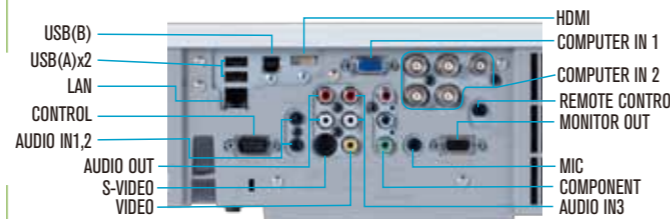
<sup>\*1</sup> RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".  
<sup>\*2</sup> Compared to Hitachi CP-X615 network capable projector on the basis of one carton box.



| Screen type | XGA CP-X4022WN, CP-X5022WN (1024X768) (±10%) |     |                     |       |               |             |     |                     |       |               |     |      |     |      |     |     |     |     |     |
|-------------|----------------------------------------------|-----|---------------------|-------|---------------|-------------|-----|---------------------|-------|---------------|-----|------|-----|------|-----|-----|-----|-----|-----|
|             | 4:3                                          |     |                     |       |               | 16:9        |     |                     |       |               |     |      |     |      |     |     |     |     |     |
|             | Screen size                                  |     | Projection distance |       | Screen height | Screen size |     | Projection distance |       | Screen height |     |      |     |      |     |     |     |     |     |
|             | H                                            | v   | a min               | a max | b             | c           | H   | v                   | a min | a max         | b   | c    |     |      |     |     |     |     |     |
| (inch)      | m                                            | m   | m                   | inch  | m             | inch        | m   | m                   | m     | inch          | m   | inch |     |      |     |     |     |     |     |
| 60          | 1.2                                          | 0.9 | 1.8                 | 70    | 3.0           | 117         | 91  | 36                  | 0     | 1.3           | 0.7 | 1.9  | 76  | 3.2  | 128 | 87  | 34  | -12 | -5  |
| 70          | 1.4                                          | 1.1 | 2.1                 | 82    | 3.5           | 137         | 107 | 42                  | 0     | 1.5           | 0.9 | 2.3  | 90  | 3.8  | 150 | 102 | 40  | -15 | -6  |
| 80          | 1.6                                          | 1.2 | 2.4                 | 94    | 4.0           | 157         | 122 | 48                  | 0     | 1.8           | 1.0 | 2.6  | 103 | 4.3  | 171 | 116 | 46  | -17 | -7  |
| 90          | 1.8                                          | 1.4 | 2.7                 | 106   | 4.5           | 177         | 137 | 54                  | 0     | 2.0           | 1.1 | 2.9  | 116 | 4.9  | 193 | 131 | 51  | -19 | -7  |
| 100         | 2.0                                          | 1.5 | 3.0                 | 118   | 5.0           | 197         | 152 | 60                  | 0     | 2.2           | 1.2 | 3.3  | 129 | 5.5  | 215 | 145 | 57  | -21 | -8  |
| 120         | 2.5                                          | 1.8 | 3.6                 | 142   | 6.0           | 237         | 183 | 72                  | 0     | 2.7           | 1.5 | 3.9  | 155 | 6.6  | 258 | 174 | 69  | -25 | -10 |
| 150         | 3.0                                          | 2.3 | 4.5                 | 179   | 7.5           | 297         | 229 | 90                  | 0     | 3.3           | 1.9 | 5    | 195 | 8.2  | 323 | 218 | 86  | -31 | -12 |
| 200         | 4.1                                          | 3.0 | 6.1                 | 239   | 10.1          | 396         | 305 | 120                 | 0     | 4.4           | 2.5 | 6.6  | 261 | 11.0 | 432 | 291 | 114 | -42 | -16 |
| 250         | 5.1                                          | 3.8 | 7.6                 | 300   | 12.6          | 496         | 381 | 150                 | 0     | 5.5           | 3.1 | 8.3  | 327 | 13.7 | 541 | 363 | 143 | -52 | -20 |
| 300         | 6.1                                          | 4.6 | 9.1                 | 360   | 15.1          | 596         | 457 | 180                 | 0     | 6.6           | 3.7 | 10   | 393 | 16.5 | 650 | 436 | 172 | -62 | -25 |

| Screen type | WXGA CP-WX4022WN (1280X800) (±10%) |     |                     |       |               |             |     |                     |       |               |     |      |      |     |      |     |     |     |     |     |
|-------------|------------------------------------|-----|---------------------|-------|---------------|-------------|-----|---------------------|-------|---------------|-----|------|------|-----|------|-----|-----|-----|-----|-----|
|             | 16:10                              |     |                     |       |               | 4:3         |     |                     |       |               |     |      |      |     |      |     |     |     |     |     |
|             | Screen size                        |     | Projection distance |       | Screen height | Screen size |     | Projection distance |       | Screen height |     |      |      |     |      |     |     |     |     |     |
|             | H                                  | v   | a min               | a max | b             | c           | H   | v                   | a min | a max         | b   | c    |      |     |      |     |     |     |     |     |
| (inch)      | m                                  | m   | m                   | inch  | m             | inch        | m   | m                   | m     | inch          | m   | inch |      |     |      |     |     |     |     |     |
| 60          | 1.3                                | 0.8 | 1.9                 | 74    | 3.2           | 124         | 89  | 35                  | -8    | -3            | 1.2 | 0.9  | 2.1  | 84  | 3.6  | 141 | 101 | 40  | -9  | -4  |
| 70          | 1.5                                | 0.9 | 2.2                 | 87    | 3.7           | 145         | 104 | 41                  | -9    | -4            | 1.4 | 1.1  | 2.5  | 99  | 4.2  | 165 | 117 | 46  | -11 | -4  |
| 80          | 1.7                                | 1.1 | 2.5                 | 100   | 4.2           | 167         | 118 | 47                  | -11   | -4            | 1.6 | 1.2  | 2.9  | 113 | 4.8  | 189 | 134 | 53  | -12 | -5  |
| 90          | 1.9                                | 1.2 | 2.9                 | 113   | 4.8           | 188         | 133 | 52                  | -12   | -5            | 1.8 | 1.4  | 3.3  | 128 | 5.4  | 213 | 151 | 59  | -14 | -5  |
| 100         | 2.2                                | 1.3 | 3.2                 | 126   | 5.3           | 209         | 148 | 58                  | -13   | -5            | 2.0 | 1.5  | 3.6  | 142 | 6.0  | 237 | 168 | 66  | -15 | -6  |
| 120         | 2.6                                | 1.6 | 3.8                 | 151   | 6.4           | 251         | 178 | 70                  | -16   | -6            | 2.4 | 1.8  | 4.4  | 172 | 7.2  | 285 | 201 | 79  | -18 | -7  |
| 150         | 3.2                                | 2.0 | 4.8                 | 190   | 8.0           | 315         | 222 | 87                  | -20   | -8            | 3.0 | 2.3  | 5.5  | 215 | 9.1  | 357 | 251 | 99  | -23 | -9  |
| 200         | 4.3                                | 2.7 | 6.4                 | 254   | 10.7          | 421         | 296 | 117                 | -27   | -11           | 4.1 | 3.0  | 7.3  | 288 | 12.1 | 476 | 335 | 132 | -30 | -12 |
| 250         | 5.4                                | 3.4 | 8.1                 | 318   | 13.4          | 526         | 370 | 146                 | -34   | -13           | 5.1 | 3.8  | 9.2  | 360 | 15.1 | 596 | 419 | 165 | -38 | -15 |
| 300         | 6.5                                | 4.0 | 9.7                 | 382   | 16.1          | 632         | 444 | 175                 | -40   | -16           | 6.1 | 4.6  | 11.0 | 433 | 18.2 | 716 | 503 | 198 | -46 | -18 |

### Terminals



### —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, steam, dust, soot 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 repaired or replaced 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.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime or the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
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- Pentium® is trademark of Intel Corporation in the U.S. and/or other countries.
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- ImageCare is a trademark or a registered trademark of Royal Philips Electronics in the United States and other countries.
- All other trademarks are the properties of their respective owners.
- DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.



# LCD Projectors

**HITACHI**  
Inspire the Next



CP-WX4022WN  
CP-X5022WN  
CP-X4022WN

# Projectors perfect for large meeting rooms, lecture halls and auditoriums.



\*Projected images are simulations

# LCD Projectors



## 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. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift and stacking alignment peg holes.



\* When stacking projectors, there are various cautions and function limitations you should be aware of. Please ask your dealer for details.

## Smart Device Control

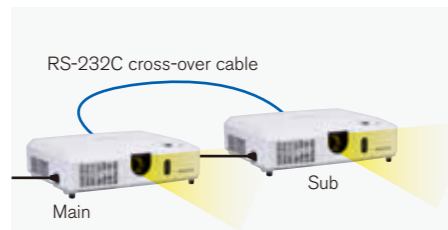
Plugging the USB wireless adapter to either of two USB Type A inputs of the projector and using Projector Quick Connection, the dedicated application software developed by Hitachi, projectors can be controlled from a tablet or smartphone.\*



\* See the Hitachi website for details [http://www.hitachi.co.jp/proj/en/apps/pj\\_connection.html](http://www.hitachi.co.jp/proj/en/apps/pj_connection.html)

## Dual mode

Turns on the projectors at the same time.



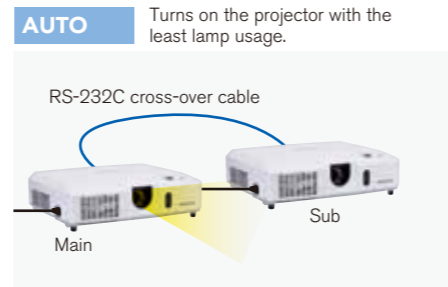
## Fail Safe function



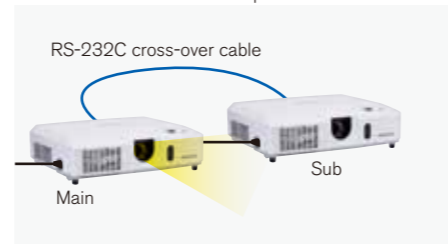
When ALTERNATE is selected and an error occur on the projector in operation causing the lamp to turn off, the other projector will automatically start to operate. \* RS-232C cable is disconnected or AC power is not supplied, the other projector will not turn on.

## Alternate mode

Turns on the projectors alternately.



**NORMAL** Turns on the projector that was not used the previous time.



## Easy Maintenance

The lamp door is on the top and the filter cover is on the side, so maintenance and replacement of these parts can be done easily.



## Saver Mode

Saver mode is a feature developed by Hitachi that reduces the projector lamp brightness and consumption power, resulting in considerable energy savings. You can set the Saver mode time 1 to 30 minutes, and if the projected image does not change in that time, Saver mode activates. Saver mode can also be activated manually.

## Intelligent Eco Mode

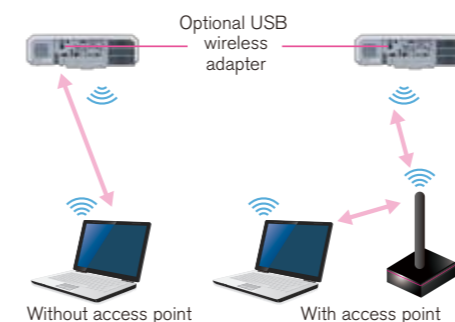
Intelligent Eco mode is a feature developed by Hitachi that automatically changes the brightness of the lamp according to the level of the input signal. Lamp brightness is reduced when a darker image is projected, returning to normal when a brighter image is projected, eliminating unnecessary energy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



Normal mode Saver Mode

## Wireless Capability

You can use a wireless network by connecting the projector to a computer using the optional USB wireless adapter. The adapter supports IEEE802.11 b/g/n.



**Hardware and software requirements for network capability OS:** One of the following. Windows® XP Home Edition/Professional Edition (32bit version only), Windows Vista® Home Basic/Home Premium/Business/Ultimate/Enterprise, Windows® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise **CPU:** Pentium®4 (2.8GHz or higher) **Graphic card:** 16bit, XGA or higher (When using the "Live Viewer" it is recommended that the display resolution of your computer be set to 1024x768.) **Memory:** 512 MB or higher **Hard disk space:** 100MB or higher **Web browser:** Internet Explorer®6.0 or higher **CD-ROM drive** \*If many computers are connected to the network or the connected computer is under excessive load, higher specifications may be required.

## Manual Optical Lens Shift

You can 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.



\*Hexagonal wrench is included in the product.

## Perfect Fit

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

