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)) 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

COMPUTER IN 1 D-sub 15 pin mini jack x1	**AUDIO IN2** 3.5 mm (stereo) mini jack x1
COMPUTER IN2 (H, V, G/Y, B/Cb/Pb, R/Cr/Pr) BNC jack x5	**AUDIO IN3 (R, L)** RCA jack x2
HDMI HDMI connector x1	**AUDIO OUT (R, L)** RCA jack x2
MONITOR OUT D-sub 15 pin mini jack x1	**USB TYPE A** USB type A connector x2
COMPONENT (Y, Cb/Pb, Cr/Pr) RCA jack x3	**USB TYPE B** USB type B connector x1
S-VIDEO Mini DIN 4 pin jack x1	**CONTROL** D-sub 9 pin plug x1
VIDEO RCA jack x1	**LAN** RJ45 jack x1
AUDIO IN1 3.5 mm (stereo) mini jack x1	**MIC** 3.5 mm (mono) mini jack x1
	REMOTE CONTROL 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 * For more information, please consult your dealer.

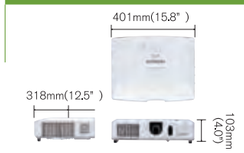
Environment

- **Compliance with EU Directive RoHS*1**
- **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_2 emissions**
  Carton volume has been cut down to 72%*2, reducing CO_2 emissions during transport.
- **Power saving mode engaged during standby**
- **Eco mode**
  Eco mode provides power saving.

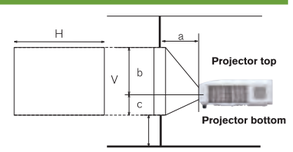
*1
RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

*2
Compared to Hitachi CP-X615 network capable projector on the basis of one carton box.

Dimensions



Projection Distance



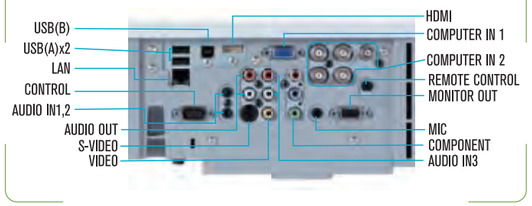
XGA CP-X4022WN, CP-X5022WN (1024X768) (±10%)

Screen type	4:3 Screen size		4:3 Projection distance				4:3 Screen height				16:9 Screen size		16:9 Projection distance				16:9 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	inch	m	inch	m	m	m	inch	m	inch	cm	inch	m	inch
60	1.2	0.9	1.8	70	3.0	117	91	36	0	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	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	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	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	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	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	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	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	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	0	6.6	3.7	10	393	16.5	650	436	172	-62	-25

WXGA CP-WX4022WN (1280X800) (±10%)

Screen type	16:10 Screen size		16:10 Projection distance				16:10 Screen height				4:3 Screen size		4:3 Projection distance				4:3 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	inch	m	inch	m	m	m	inch	m	inch	cm	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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*Projected images are simulations

LCD Projectors

CP-WX4022WN — WXGA 4000lm

CP-X5022WN — XGA 5000lm

CP-X4022WN — XGA 4000lm

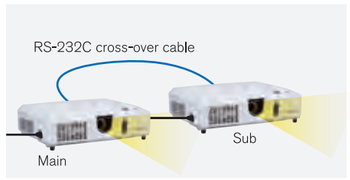
Instant Stack

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.

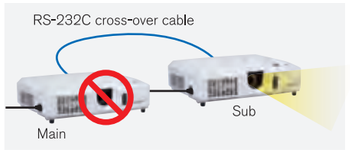
* When stacking projectors, there are various cautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode

Turns on the projectors at the same time.



Fail Safe function

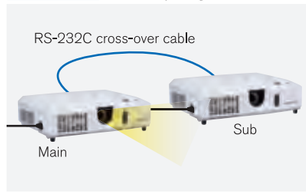


When ALTERNATE is selected and an error occur on the projector in operation causing the lamp to turn off, the other projector will automatically start to operate.
* RS-232C cable is disconnected or AC power is not supplied, the other projector will not turn on.

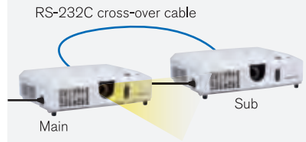
Alternate mode

Turns on the projectors alternately.

AUTO Turns on the projector with the least lamp usage.



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



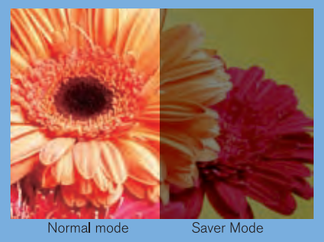
Saver Mode

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 returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

ImageCare



Normal mode Saver Mode

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

DICOM® Simulation Mode

The DICOM (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM Part14 specifications.

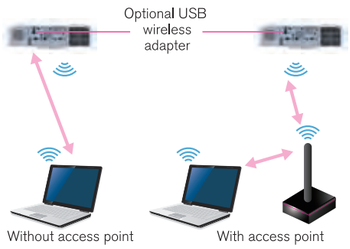
DICOM SIM. is the projector's DICOM® ("Digital Imaging and Communication in Medicine") simulation mode. This mode simulates the DICOM standard, which is a standard applicable to digital communications in medicine, and can be useful for displaying medical images, such as X-rays photos. This projector is not a medical device and is not compliant to the DICOM standard, and neither the projector nor the DICOM Simulation Mode should be used for medical diagnosis.

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.

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.



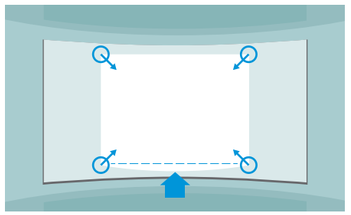
Manual Optical Lens Shift

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.



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.