→ CP-X3030WN
CP-X2530WN
CP-EX300
CP-EX250

LCD Projectors

Specifications

Model name	CP-X3030WN	CP-X2530WN	CP-EX300	CP-EX250
Product name	Liquid crystal projector			
Liquid Crystal Panel	786,432 pixels (1024 horizontal x 768 vertical)			
Lamp	215 W UHP			
Light output (brightness)	3,200lm	2,700lm	3,200lm	2,700lm
Contrast ratio (Presentation mode)	4000:1 (presentation mode)		2000:1	
Speaker	16 W mono		1 W mono	
Power supply /Rated current	AC 100-120 V: 3.4 A, AC 220-240 V: 1.7 A		AC 100-120 V: 3.3 A, AC 220-240 V: 1.6 A	
Power consumption	AC 100-120 V: 330 W, AC 220-240 V: 310 W		AC 100-120 V: 320 W, AC 220-240 V: 300 W	
Temperature range	5 ~ 35℃ (Operating at an altitude up to 7500 ft.(2286 m)) 5 ~ 30℃ (Operating at an altitude over 7500 ft.(2286 m))		5 ~ 35 °C (Operating)	
Dimensions(WxHxD)	320 (W) x 85 (H) x 245 (D) mm		* Not including protruding parts.	
Weight (mass)	approx. 3.0 kg		approx. 2.9 kg	
Ports	COMPUTER IN1 D-sub 15 pin mini jack x1 COMPUTER IN2 D-sub 15 pin mini jack x1 HDMI HDMI connector x1 MONITOR OUT D-sub 15 pin mini jack x1 S-VIDEO Mini DIN 4 pin jack x1 VIDEO RCA jack x1 AUDIO IN1 3.5 mm (stereo) mini jack x1 AUDIO IN2 3.5 mm (stereo) mini jack x1 AUDIO IN3 (R, L) RCA jack x2 AUDIO OUT (R, L) RCA jack x2 USB TYPE A USB type A connector x2 USB TYPE B USB type B connector x1 CONTROL D-sub 9 pin plug x1 LAN RJ45jackx1 MIC 3.5 mm (mono) mini jack x1		COMPUTER IN1 D-sub 15 pin mini jack x1 COMPUTER IN2 / MONITOR OUT D-sub 15 pin mini jack x1 HDMI HDMI connector x1 VIDEO RCA jack x1 AUDIO IN (R, L) RCA jack x2 AUDIO OUT (R, L) RCA jack x2 CONTROL D-sub 9 pin plug x1	
Optional parts	Lamp: DT01431 / Filter set: UX38841 USB wireless adapter: USB-WL-11N		Lamp: DT01433 / Filter set UX38851	
* For more information, please consult your dealer.	Laser remote control: RC-R008 Mounting accessory: HAS-X1 (Bracket for ceiling mount) HAS-204L (Fixing adaptor for low ceilings) / HAS-304H (Fixing adaptor for high ceilings)			

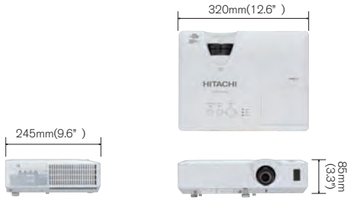
Environment

- **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 64%*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".

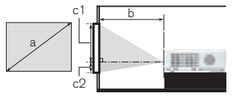
*2
Compared to Hitachi CP-X3015WN network capable projector on the basis of one carton box.

Dimensions

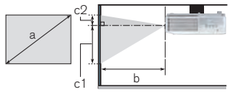


Projection Distance

On a horizontal surface



Suspended from the ceiling

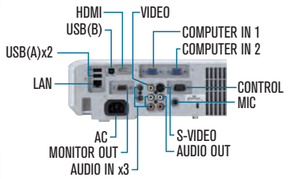


(1024 x 768) (±10%)

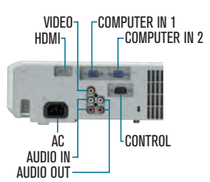
Screen size (diagonal)	4:3								16:9							
	b Projection distance				c1 Screen height		c2 Screen height		b Projection distance				c1 Screen height		c2 Screen height	
type	min		max						min		max					
(inch)	m	m	inch	m	inch	cm	inch	cm	inch	m	m	inch	m	inch	cm	inch	cm	inch
30	0.8	0.9	34	1.0	41	39	15	7	3	0.9	37	1.1	45	36	14	1	0
40	1.0	1.2	46	1.4	56	52	21	9	3	1.3	50	1.5	61	49	19	1	0
50	1.3	1.5	58	1.8	70	65	26	11	4	1.6	63	1.9	76	61	24	1	1
60	1.5	1.8	70	2.1	84	78	31	13	5	1.9	76	2.3	92	73	29	2	1
70	1.8	2.1	82	2.5	99	91	36	15	6	2.3	89	2.7	108	85	34	2	1
80	2.0	2.4	94	2.9	113	105	41	17	7	2.6	102	3.1	123	97	38	2	1
90	2.3	2.7	106	3.2	127	118	46	20	8	2.9	115	3.5	139	109	43	3	1
100	2.5	3.0	118	3.6	142	131	51	22	9	3.3	128	3.9	154	122	48	3	1
120	3.0	3.6	142	4.3	170	157	62	26	10	3.9	154	4.7	186	146	57	4	1
150	3.8	4.5	177	5.4	213	196	77	33	13	4.9	193	5.9	232	182	72	4	2
200	5.1	6.0	237	7.2	285	261	103	44	17	6.6	258	7.9	310	243	96	6	2
250	6.4	7.5	297	9.1	357	327	129	54	21	8.2	324	9.9	389	304	120	7	3
300	7.6	9.1	357	10.9	428	392	154	65	26	9.9	389	11.9	467	365	144	9	4

Terminals

CP-X3030WN CP-X2530WN



CP-EX300 CP-EX250



—**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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ImageCare

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LCD Projectors

HITACHI
Inspire the Next

High spec features in an LCD projector packed with useful functions

CP-X3030WN
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*Projected images are simulations

3LCD

DEVICE AMX DISCOVERY

CRESTRON connected

Saver Mode

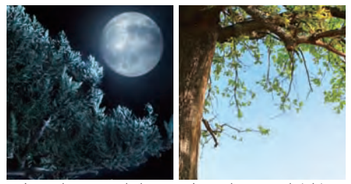
Saver mode is a feature developed by Hitachi, based on ImageCare® technology, that reduces the projector lamp brightness and consumption power, resulting in considerable energy savings. You can set the Saver mode time 1 to 30 minutes, and if the projected image does not change in that time, Saver mode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

Intelligent Eco Mode

Intelligent Eco mode is a feature developed by Hitachi, based on ImageCare technology, 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 and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

ImageCare

Normal mode　Saver Mode



Lamp becomes darker　Lamp becomes brighter

CP-X3030WN

XGA 3200lm

CP-X2530WN

XGA 2700lm

LCD Projectors

CP-EX300

XGA 3200lm

CP-EX250

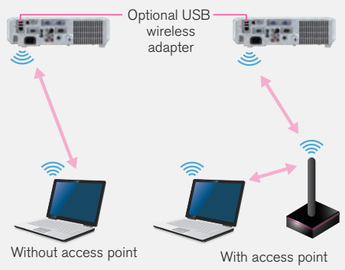
XGA 2700lm

Network Function / Capability

*On CP-X3030WN and CP-X2530WN models

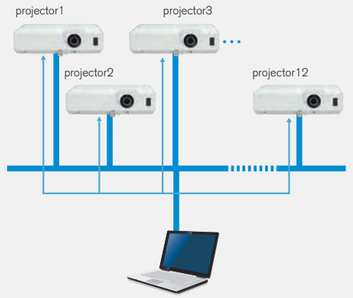
Wireless Capability

You can use a wireless network by connecting the projector to a computer using the Optional USB wireless adapter. The adapter supports IEEE802.11b/g/n. Use the adapter cover to prevent the USB wireless adapter from coming off easily.



Multi Projector*1*2

You can project the same image from up to 12*3 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.



Moderator Control Mode*1*2

This mode lets you network 50*4 computers to the projector, with one computer acting as the moderator. The teacher can use the moderator computer to select and project images from the students' computers.

Convenient Networking

Embedded networking gives you the ability to manage and control multiple projectors over your LAN: Centralized Reporting , Scheduling, E-mail Alerts, and My Image (Image Transfer)

Administration Room

*1 These functions will be provided later by software updates from the website http://www.hitachi-america.us/digitalmedia *2 To secure better performance, a wired network is preferable. *3 Video transfer speed may vary depending on number of projectors connected. *4 Video and audio transfer speed may vary depending on number of projectors connected.

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.

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.*

*On CP-X3030WN and CP-X2530WN models
*See the Hitachi website for details
http://www.hitachi.co.jp/proj/en/apps/pj_connection.html

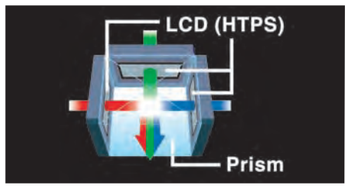
Mic. Input* and 16W Internal Speakers*

The projectors are equipped with a microphone input, so you can use a microphone system, even when the projector is in standby. Projectors also have built-in 16W high power speakers.

*On CP-X3030WN and CP-X2530WN models

3 LCD chips with Inorganic Alignment Layers

These 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.



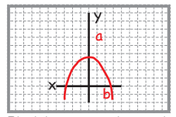
Easy Maintenance

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.

Template Function*

The Template Function equipped in these projectors projects pre-installed templates on a whiteboard, blackboard, or other surface. Templates include a line template to make writing on a board easier, a grid template, a world map, and more.

*Patent pending



Black lines on a white grid

World map

HDMI® Terminal and 2 USB Type A Inputs

These projectors provide two USB Type A inputs. This makes it possible to use the optional USB wireless adapter and other USB devices. There is also an HDMI terminal allowing you to connect compatible devices to the projectors.