CP-WX3530WN
CP-X4030WN
CP-EX400

LCD Projectors

Specifications

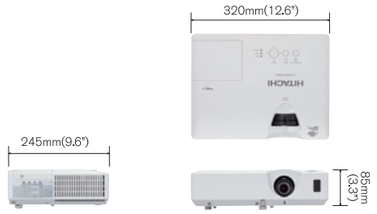
Model name		CP-WX3530WN	CP-X4030WN	CP-EX400
Display system		3LCD		
Display device	Size of effective display area	0.59", aspect ratio 16 : 10	0.63", aspect ratio 4 : 3	
	Number of pixels	1,024,000pixels (1,280 horizontal x 800 vertical)	786,432pixels (1,024 horizontal x 768 vertical)	
Lens	Zoom	Manual (x 1.2)		
	Focus	Manual		
Light source		225W		
Screen size		30" - 300"		
Light output (Brightness)		3700lm	4200lm	
Contrast ratio (full white/full black)		5000 : 1 (Presentation mode)		2000 : 1 (Presentation mode)
Speaker		16W x 1 (mono)		1W x 1 (mono)
Displayable scanning frequency	Horizontal	15 - 106kHz		
	Vertical	50 - 120Hz		
Terminals		COMPUTER IN 1 D-sub 15-pin mini jack x 1 COMPUTER IN 2 D-sub 15-pin mini jack x 1 HDMI HDMI (HDCP compliant) x 1 MONITOR OUT D-sub 15-pin mini jack x 1 S-VIDEO Mini DIN 4-pin jack x 1 VIDEO RCA jack x 1 AUDIO IN 1 3.5mm (stereo) mini jack x 1 AUDIO IN 2 3.5mm (stereo) mini jack x 1 AUDIO IN 3 (R, L) 2RCA jack x 1 AUDIO OUT (R, L) 2RCA jack x 1 USB TYPE A USB type A connector x 2 USB TYPE B USB type B connector x 1 CONTROL D-sub 9-pin plug x 1 LAN RJ45jack x 1 MIC 3.5mm (mono) mini jack x 1		COMPUTER IN 1 D-sub 15-pin mini jack x 1 COMPUTER IN 2 / MONITOR OUT D-sub 15-pin mini jack x 1 HDMI HDMI (HDCP compliant) x 1 VIDEO RCA jack x 1 AUDIO IN (R, L) 2RCA jack x 1 AUDIO OUT (R, L) 2RCA jack x 1 CONTROL D-sub 9-pin plug x 1
Operation temperature		5 - 35℃		
Operation humidity (RH)		20 - 80%		
Power requirements		AC 100 - 120V : 3.4A AC 220 - 240V : 1.7A		AC 100 - 120V (50 / 60Hz) : 3.3A AC 220 - 240V (50 / 60Hz) : 1.6A
Maximum power consumption		AC 100 - 120V : 330W AC 220 - 240V : 310W		AC 100 - 120V : 320W AC 220 - 240V : 300W
Standby mode power consumption		0.5W at saving mode		
Standard outside dimensions(W x H x D)		320mm x 85mm x 245mm (Excluding protruding parts)		
Weight (mass)		approx. 3.0kg		approx. 2.9kg
Optional parts		Lamp : DT01481 Filter set : UX38841 USB wireless adapter : USB-WL-11N		Lamp : DT01491 Filter set : UX38851
		Mounting accessories : HAS-EX300 (Bracket for ceiling mount) / HAS-204L (Fixing adapter for low ceilings) / HAS-304H (Fixing adapter 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 65%*2, reducing CO_2 emissions during transport.
- **Power saving mode engaged during standby**
- **Eco mode**
  Eco mode provides power saving.

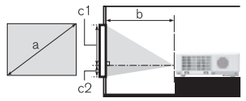
*1
RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".
*2
Compared to Hitachi CP-X2515WN network capable projector on the basis of one carton box.

Dimensions

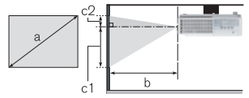


Projection Distance

On a horizontal surface



Suspended from the ceiling



CP-WX3530WN (1,280 x 800) (±10 %)

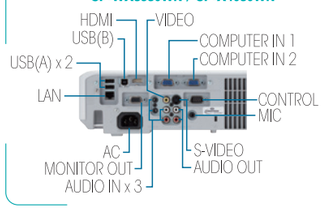
a Screen size (diagonal)		16 : 10								4 : 3							
		b Projection distance				c1 Screen height		c2 Screen height		b Projection distance				c1 Screen height		c2 Screen height	
type		min		max						min		max					
(inch)	m	m	inch	m	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.5	1.9	74	2.3	89	75	30	6	2	2.1	84	2.6	101	85	33	7	3
80	2.0	2.5	99	3.0	120	100	39	8	3	2.9	113	3.5	136	113	45	9	3
100	2.5	3.2	125	3.8	150	125	49	10	4	3.6	142	4.3	170	142	56	11	4
120	3.0	3.8	150	4.6	181	150	59	12	5	4.3	170	5.2	205	170	67	13	5
150	3.8	4.8	188	5.8	227	188	74	14	6	5.4	213	6.5	257	212	84	16	6
200	5.1	6.4	252	7.7	303	250	98	19	8	7.2	285	8.7	343	283	111	22	9

CP-X4030WN / CP-EX400 (1,024 x 768) (±10%)

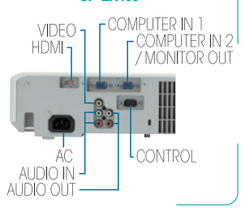
a Screen size (diagonal)		4 : 3								16 : 9							
		b Projection distance				c1 Screen height		c2 Screen height		b Projection distance				c1 Screen height		c2 Screen height	
type		min		max						min		max					
(inch)	m	m	inch	m	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.5	1.8	70	2.1	84	78	31	13	5	1.9	76	2.3	92	73	29	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
100	2.5	3.0	118	3.6	142	131	51	22	9	3.3	128	3.9	155	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	214	196	77	33	13	4.9	194	5.9	233	182	72	4	2
200	5.1	6.0	237	7.3	286	261	103	44	17	6.6	259	7.9	311	243	96	6	2

Terminals

CP-WX3530WN / CP-X4030WN



CP-EX400



—**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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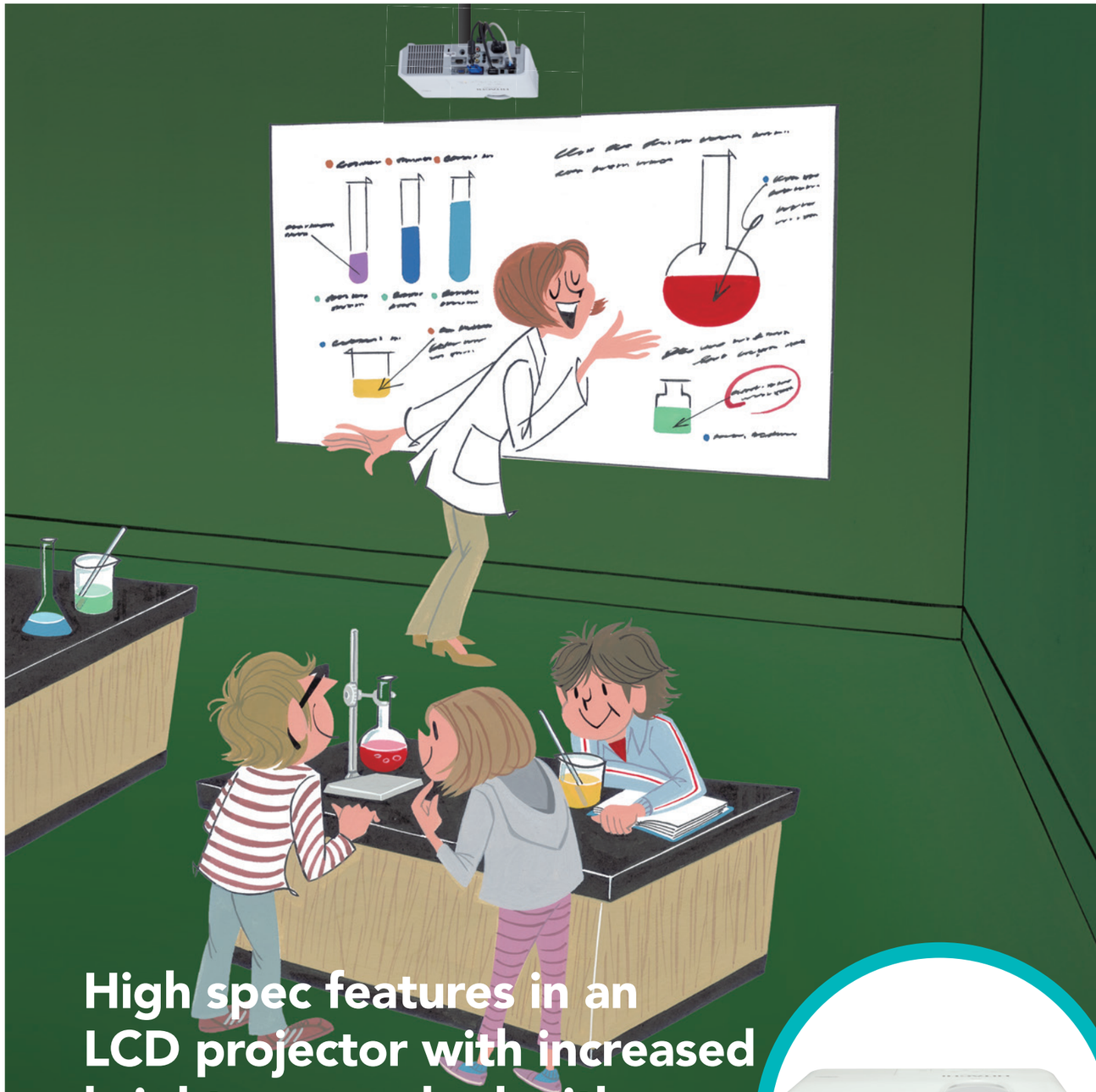
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LCD Projectors

HITACHI
Inspire the Next



High spec features in an LCD projector with increased brightness packed with useful functions



CP-WX3530WN
CP-X4030WN
CP-EX400

3LCD

DEVICE AMX DISCOVERY

CRESTRON connected

*Projected images are simulations

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 does not change in that time, Saver mode activates. Saver mode can also be activated manually.



During a presentation using the screen.



Darken the screen with the remote control while the presenter speaks.



The screen automatically turns dark when not in use during group discussions.

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

Eco Mode

Using Eco Mode reduces lamp power to 150W, an approximate 33% decrease compared to the 225W when using Normal Mode.

* Lamp brightness in Eco Mode is lower compared to Normal Mode.



Compact and light weight LCD projectors with high brightness



CP-WX3530WN

WXGA 3700 lm approx. 3.0 kg



CP-X4030WN

XGA 4200 lm approx. 3.0 kg



CP-EX400

XGA 4200 lm approx. 2.9 kg



Smart Device Control

Plugging the optional USB wireless adapter to the projector and using the dedicated application developed by Hitachi, projectors can be controlled from a tablet or smartphone.*1

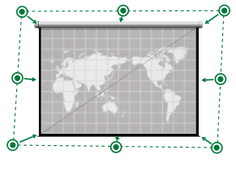


* On CP-WX3530WN and CP-X4030WN models.
*1 See the Hitachi website for details
http://www.hitachi.co.jp/proj/en/apps/pj_connection.html

Perfect fit

Equipped with Perfect fit with which the position of four corners and four sides of a projected image can be adjusted. With the remote controller at hand, you can quickly correct the distorted image such as pincushion or barrel.

* On CP-WX3530WN and CP-X4030WN models.



Mic. Input and 16W internal Speaker

The CP-WX3530WN and CP-X4030WN projectors are equipped with microphone input, so you can use microphone system, even when the projector is in standby*2. These projectors also have a built-in 16W high power speaker.

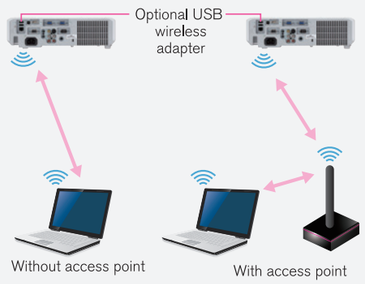
* The CP-EX400 is equipped with a 1W speaker and no microphone input.
* 2 Not available while the STANDBY MODE is set to SAVING.

Network Function / Capability

* On CP-WX3530WN and CP-X4030WN models.

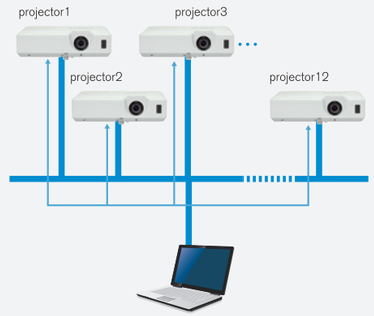
Wireless Capability

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

You can project the same image from up to 12*2 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.



Moderator Control Mode*1

These models let you network 50*3 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)



*1 To secure better performance, a wired network is preferable. *2 Video transfer speed may vary depending on number of projectors connected. *3 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, Windows Vista ® Home Basic/Home Premium/Business/Ultimate/Enterprise (Service Pack 1 or later), Windows ® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise, Windows ® 8 / Windows ® 8 Pro / Windows ® 8 Enterprise, Windows ® 8.1 **CPU:** Pentium ®4 (2.8 GHz or higher) **Graphic card:** 16bit, XGA or higher (When using the "Live Viewer" it is recommended that the display resolution of your computer is set to 1280x800 for CP-WX3530WN or 1,024x768 for CP-X4030WN) **Memory:** 512 MB or higher **Hard disk space:** 100 MB or higher **Web browser:** Internet Explorer ®6.0 or higher **CD-ROM/DVD-ROM drive** *If many computers are connected to the network or the connected computer is under excessive load, higher specifications may be required.

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.

* On CP-WX3530WN and CP-X4030WN models.



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.



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.

