

→ 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 COMPUTER IN 2 HDMI MONITOR OUT S-VIDEO VIDEO AUDIO IN 1 AUDIO IN 2 AUDIO IN 3 (R, L) AUDIO OUT (R, L) USB TYPE A USB TYPE B CONTROL LAN MIC	D-sub 15-pin mini jack x 1 D-sub 15-pin mini jack x 1 HDMI (HDCP compliant) x 1 D-sub 15-pin mini jack x 1 Mini DIN 4-pin jack x 1 RCA jack x 1 3,5mm (stereo) mini jack x 1 3,5mm (stereo) mini jack x 1 2RCA jack x 1 2RCA jack x 1 USB type A connector x 2 USB type B connector x 1 D-sub 9-pin plug x 1 RJ45jack x 1 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°C			
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 (gross 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 CO₂ emissions**

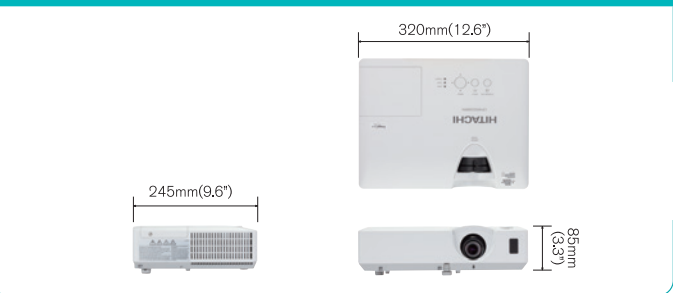
Carton volume has been cut down to 65%^{*2}, reducing CO₂ emissions during transport.

- **Power saving mode engaged during standby**
- **Eco mode**

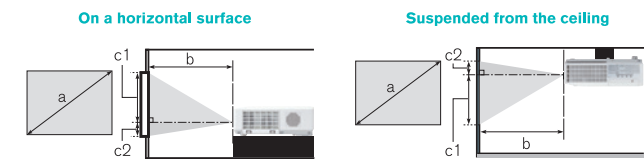
Eco mode provides power saving.

^{*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



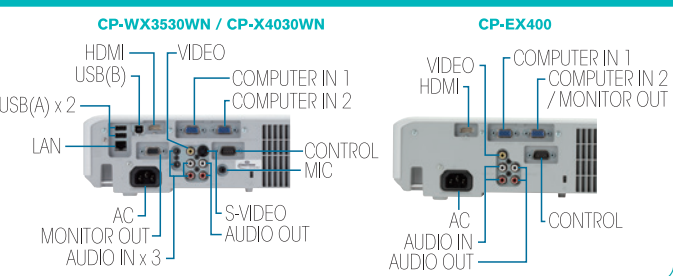
Projection Distance



CP-WX3530WN		(1,280 x 800) (±10 %)							
a Screen size (diagonal) type		16 : 10							
		b Projection distance		c1 Screen height		c2 Screen width		b Projection distance	
		min	max	min	max	min	max	min	max
(inch)	m	m	inch	m	inch	cm	inch	m	inch
60	1.5	1.9	74	2.3	89	75	30	2.1	84
80	2.0	2.5	99	3.0	120	100	39	2.9	113
100	2.5	3.2	125	3.8	150	125	49	3.6	142
120	3.0	3.8	150	4.6	181	150	59	4.3	170
150	3.8	4.8	188	5.8	227	188	74	5.4	213
200	5.1	6.4	252	7.7	303	250	98	7.2	285

CP-X4030WN / CP-EX400		(1,024 x 768) (±10%)							
a Screen size (diagonal) type		4 : 3							
		b Projection distance		c1 Screen height		c2 Screen width		b Projection distance	
		min	max	min	max	min	max	min	max
(inch)	m	m	inch	m	inch	cm	inch	m	inch
60	1.5	1.8	70	2.1	84	78	31	1.9	76
80	2.0	2.4	94	2.9	113	105	41	2.6	102
100	2.5	3.0	118	3.6	142	131	51	3.3	128
120	3.0	3.6	142	4.3	170	157	62	3.9	154
150	3.8	4.5	177	5.4	214	196	77	4.9	194
200	5.1	6.0	237	7.3	286	261	103	6.6	259

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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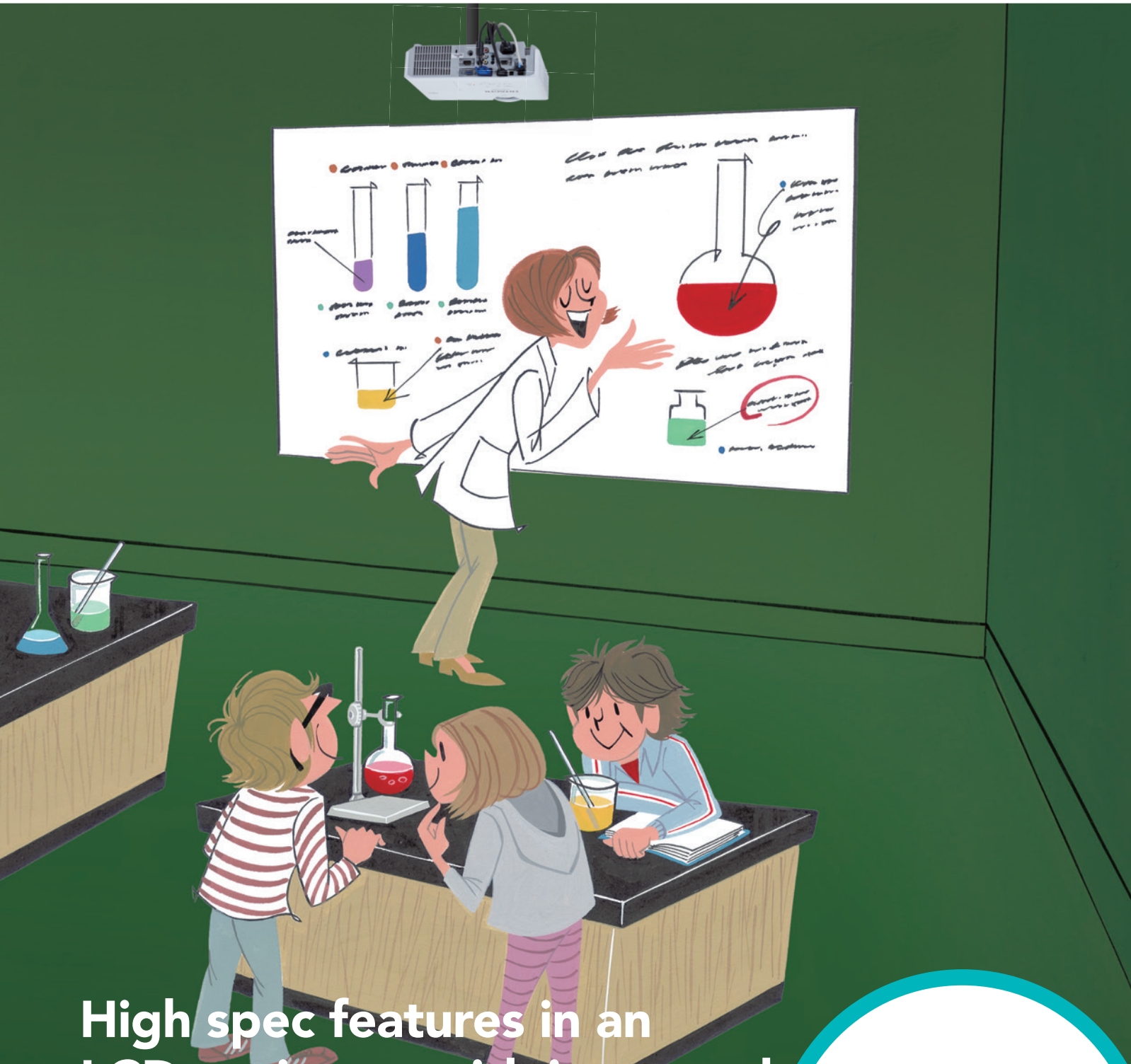
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LCD Projectors

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



CP-WX3530WN
CP-X4030WN
CP-EX400

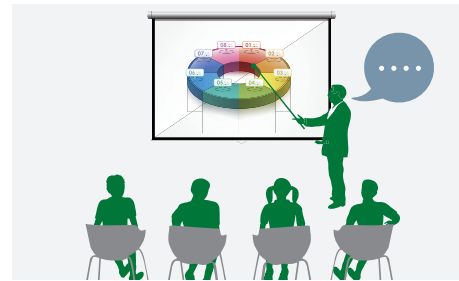


*Projected images are simulations

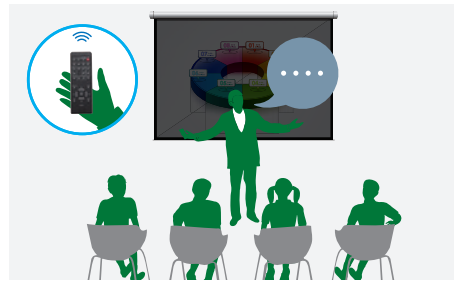
August 2014

NM-E398 082014

Saver Mode



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.

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.



Intelligent Eco Mode

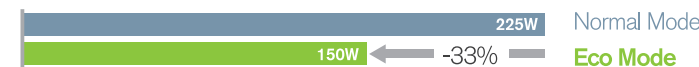


This feature developed by Hitachi automatically changes the brightness of the lamp according to the level of the input signal. Lamp brightness is reduced when a darker image is projected, and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

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

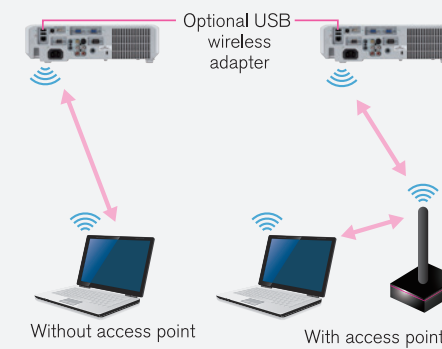
XGA 4200 lm approx. 2.9 kg

Network Function / Capability

* On CP-WX3530WN and CP-X4030WN models.

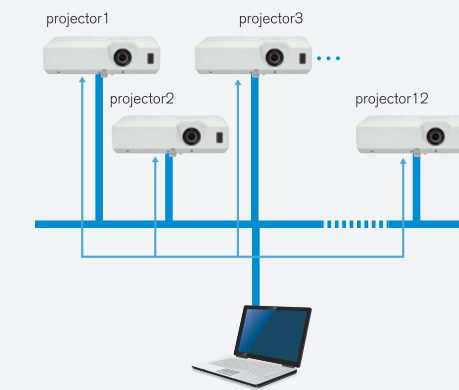
Wireless Capability

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.

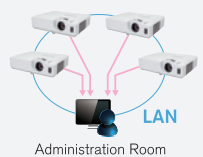


Moderator Control Mode*1

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.

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

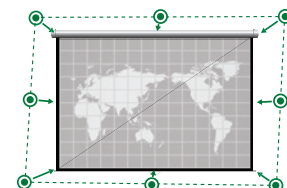


* On CP-WX3530WN and CP-X4030WN models.
*1 See the Hitachi website for details
http://www.hitachi.co.jp/proj/en/apps/pj_connection.html

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.

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.

