

LCD Projectors

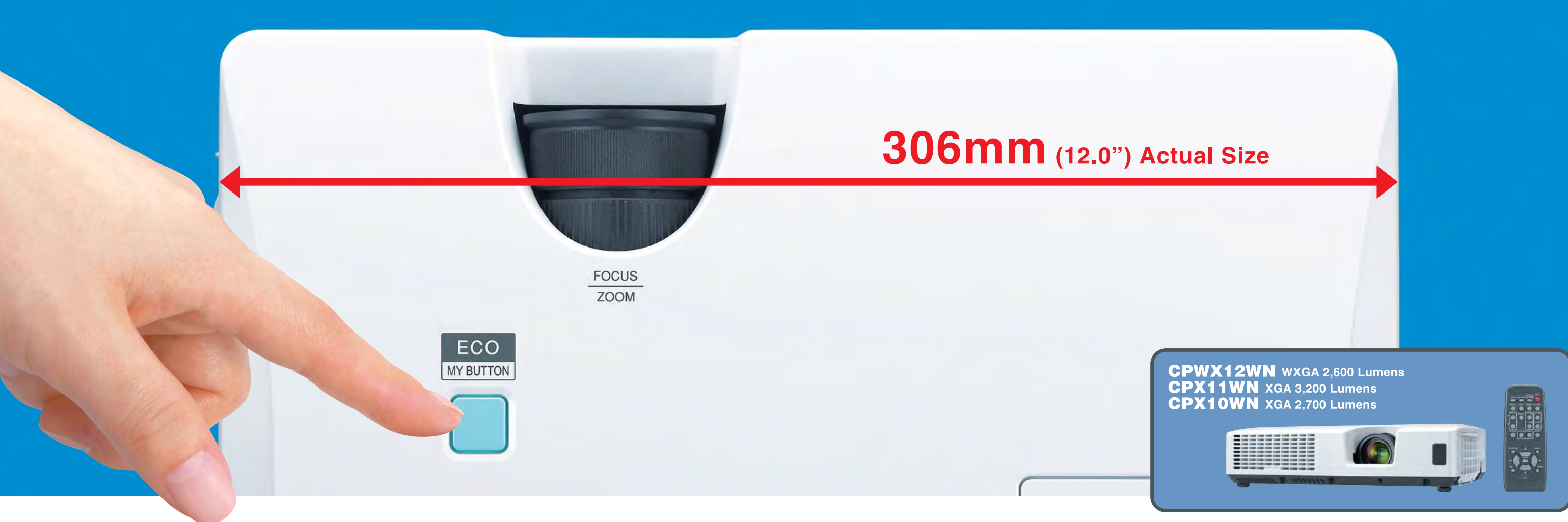
HITACHI
Inspire the Next



Compact projectors
that are just what
you need for
presentations and
meetings

CPWX12WN WXGA 2,600 Lumens
CPX11WN XGA 3,200 Lumens
CPX10WN XGA 2,700 Lumens



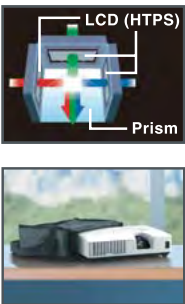


Full-feature, wireless-ready, networkable compact projectors designed for business use

Superior Basic Performance



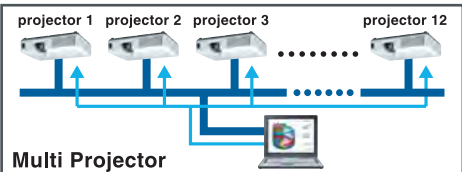
- Approximately **2.3kg** (5.1 lbs.) Light Weight
- **High Brightness of 3,200 Lumens** (CPX11WN)
- **WXGA (1280 x 800) and 720p Capability** (CPWX12WN)
- **3 LCD Panels with Inorganic Alignment Layers**
These projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.
- **Soft Case Included**
All three projectors include a convenient soft case as a standard accessory.



Advanced Network Functions*1



- **Wireless Capability** (Option)
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.
- **Wired Network Functions**
The Multi Projector*2*3 function can project the same image to up to 12*4 projectors simultaneously on the network. Many other network functions are provided, including Campus Notification System*2, Moderator Control Mode*2*3, Centralized Reporting, Scheduling and E-mail Alerts.



*1 Video transfer through network may not be supported depending on combination of computer hardware and software. For projecting video sources, video/computer cable is preferable.
*2 These functions will be provided later by software updates from the website <http://www.hitachi-america.us/digitalmedia>.
*3 To secure better performance, a wired network is preferable.
*4 Video transfer speed may vary depending on number of projectors connected.

Useful Functionality



- **Eco Button**
The Eco button allows you to switch quickly from Normal mode to Eco mode or Intelligent Eco mode to decrease power consumption.
- **Intelligent Eco Mode and 2,000:1 Contrast Ratio** (Intelligent Eco Mode)
Intelligent Eco mode automatically changes the brightness of the lamp according to the level of the input signal. Another significant viewing benefit is the high contrast ratio of 2,000:1.
- **Built-in Front Air Exhaust**
These projectors are designed to exhaust warm air from the front.



Effective Presentations



- **Extensive Connectivity**
Terminals include two RGB inputs and one output, an HDMI input, a USB A port (for PC-less presentation or wireless adapter) and a USB B port (for USB display or mouse control).
- **PC-Less Presentation**
By using a USB memory stick or other storage device*, you can use the projector without a computer. A slideshow function is provided.
* Not compatible with all USB storage devices.
- **Display via USB**
Connecting the projector to a computer via a USB cable lets you quickly and easily display images from the computer.



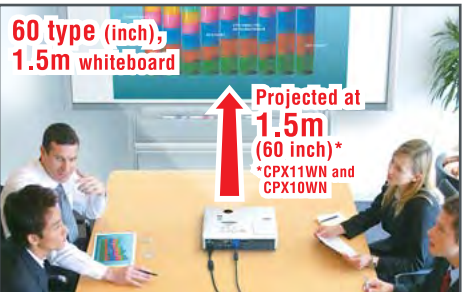
Maintenance and Security



- **Easy Maintenance**
The lamp door is on the top and the filter cover on the side, so maintenance and replacement of these parts can be done easily.
- **Hybrid Filter**
The Hybrid Filter requires less frequent maintenance and cleaning, making longer operation possible.
- **Versatile Security Functions**
The projectors are equipped with a security bar, PIN Lock, MyScreen Lock and Transition Detector functions.
- **More Convenient Features**
• Network Bridge • Audio Pass Through*1 • Low Noise of 28dB*2 (Eco Mode) • Power Saving Mode • Input Source Naming • Direct Power On/Off • My Button • My Memory • Daytime Mode • Blackboard or Whiteboard Modes at Picture Setting • Template Function*3 • Auto Vertical Keystone Correction • Closed Caption • Compatible with AMX Device Discovery • Compatible with Crestron RoomView®
*1 When in Normal mode at standby setting. It does not function in Saving mode. *2 Typical. Tested in 23°C environmental conditions. *3 Patent pending



Flexible Installation



- **For Projecting on a 60 Type (inch), 1.5m Whiteboard from Only 1.5m (60 inches)** (CPX11WN) (CPX10WN)
- **Serial Number and MAC Address on Side Label**
Serial number and MAC address are on the side label, in both normal position and upside-down.

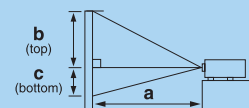


SPECIFICATIONS

Model name	CPWX12WN	CPX11WN	CPX10WN
Liquid crystal panel	0.59 type (inch), 1.5cm polysilicon active-matrix TFT x 3	0.53 type (inch), 1.6cm polysilicon active-matrix TFT x 3	
Number of pixels	1,024,000 pixels (H1280 x V800)	786,432 pixels (H1024 x V768)	
Resolution	1280 x 800 color pixels (WXGA)	1024 x 768 color pixels (XGA)	
Manual zoom		x1.2	
Lamp		215W UHP	
Light output (brightness)	2,600 Lumens	3,200 Lumens	2,700 Lumens
Contrast ratio		2,000:1 (Intelligent Eco mode)	
Audio		1W mono	
Keystone correction		Auto Vertical Keystone	
Power supply		AC100-120V/AC220-240V	
Operating temperature		5-35°C (41-95°F)	
Input signals	Computer input	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC16"	
	Video input	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N, PAL (60Hz) 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60	
Input/output terminals	Video input	S-Video: Mini Din 4-pin x 1, Composite video: RCA jack x 1, Component video: via Dsub x 2	
	Audio input	Stereo Mini jack x 2	
	Computer input	Analog RGB: 15-pin Mini-Dsub x 2	
	HDMI input	HDMI x 1 (HDCP compliant)	
	Audio output	Stereo Mini jack x 1	
	Monitor output	Analog RGB: 15-pin Mini-Dsub x 1	
	USB	USB type A x 1 (for PC-less presentation or wireless adapter), USB type B x 1 (for USB display or USB mouse control)	
	Control	9-pin Dsub x 1 for RS232C	
	Wireless network	Option	
	Wired network (LAN)	RJ-45 x 1	
Agency certifications		UL/cUL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, GOST-R	
Dimensions (WxHxD)		306 x 77 x 221mm (12.0" x 3.0" x 8.7") [excluding protruding part]	
Weight		Approximately 2.3kg (5.1 lbs.)	
Standard accessories		Remote control (Part#: HL02771) with two AA batteries, Power cord, Computer cable, Adapter cover, Lens cover, User's manuals, Security label, Application CD, Soft case	
Optional accessories		Lamp: DT01191, Filter set: UX36761, Laser remote control: HL02651 (RC-R008), USB wireless adapter: USB-WL-11N	

PROJECTION DISTANCE

- a: LCD projector-to-screen distance
b: Screen height from lens center to top
c: Screen height from lens center to bottom



CPWX12WN

Screen Size (16:10 Screen)	a Min	a Max	b (top)	c (bottom)
30 type (inch), 0.8m	0.9m (36")	1.1m (44")	38cm (15")	3cm (1")
40 type (inch), 1.0m	1.2m (49")	1.5m (59")	50cm (20")	4cm (2")
50 type (inch), 1.3m	1.6m (61")	1.9m (74")	63cm (25")	5cm (2")
60 type (inch), 1.5m	1.9m (74")	2.3m (89")	75cm (30")	6cm (2")
70 type (inch), 1.8m	2.2m (87")	2.7m (105")	88cm (34")	7cm (3")
80 type (inch), 2.0m	2.5m (100")	3.0m (120")	100cm (39")	8cm (3")
90 type (inch), 2.3m	2.9m (112")	3.4m (135")	113cm (44")	9cm (3")
100 type (inch), 2.5m	3.2m (125")	3.8m (150")	125cm (49")	10cm (4")
120 type (inch), 3.0m	3.8m (150")	4.6m (181")	150cm (59")	12cm (5")
150 type (inch), 3.8m	4.8m (188")	5.8m (227")	188cm (74")	14cm (6")
200 type (inch), 5.1m	6.4m (252")	7.7m (303")	250cm (98")	19cm (8")
250 type (inch), 6.4m	8.0m (315")	9.6m (379")	313cm (123")	24cm (9")
300 type (inch), 7.6m	9.6m (379")	11.6m (455")	375cm (148")	29cm (11")

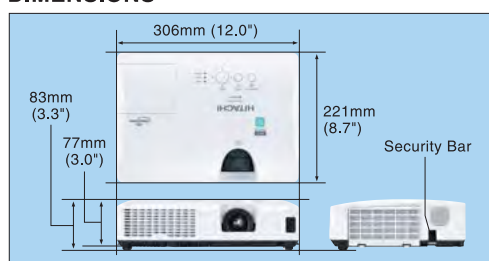
CPX11WN/CPX10WN

Screen Size (4:3 Screen)	a Min	a Max	b (top)	c (bottom)
30 type (inch), 0.8m	0.7m (29")	0.9m (35")	39cm (15")	7cm (3")
40 type (inch), 1.0m	1.0m (39")	1.2m (47")	52cm (21")	9cm (3")
50 type (inch), 1.3m	1.3m (49")	1.5m (60")	65cm (26")	11cm (4")
60 type (inch), 1.5m	1.5m (60")	1.8m (72")	78cm (31")	13cm (5")
70 type (inch), 1.8m	1.8m (70")	2.1m (84")	91cm (36")	15cm (6")
80 type (inch), 2.0m	2.0m (80")	2.5m (97")	105cm (41")	17cm (7")
90 type (inch), 2.3m	2.3m (90")	2.8m (109")	118cm (46")	20cm (8")
100 type (inch), 2.5m	2.6m (101")	3.1m (121")	131cm (51")	22cm (9")
120 type (inch), 3.0m	3.1m (121")	3.7m (146")	157cm (62")	26cm (10")
150 type (inch), 3.8m	3.9m (152")	4.6m (183")	196cm (77")	33cm (13")
200 type (inch), 5.1m	5.2m (203")	6.2m (244")	261cm (103")	44cm (17")
250 type (inch), 6.4m	6.5m (254")	7.8m (305")	327cm (129")	54cm (21")
300 type (inch), 7.6m	7.8m (305")	9.3m (367")	392cm (154")	65cm (26")

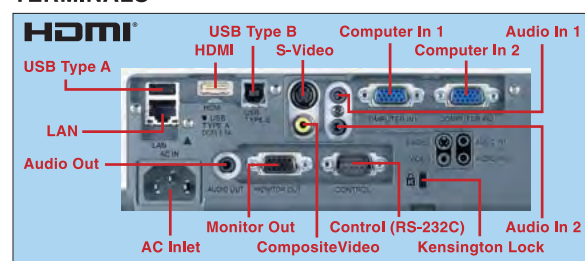
• Tolerance $\pm 10\%$ (for projection distance a) • Final specifications may vary slightly.

STANDARD ACCESSORY

DIMENSIONS



TERMINALS



■ Hardware and software requirements for network capability

OS: One of the following. Windows® XP Home Edition/Professional Edition (32 bit version only), Windows Vista® Home Basic/Home Premium/Business/Ultimate/Enterprise (32 bit version only), Windows® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise (32 bit version only) **CPU:** Pentium® 4 (2.8 GHz or higher) **Graphic card:** 16 bit, XGA or higher (When using the "LiveViewer" it is recommended that the display resolution of your computer be set to 1024 x 768.) **Memory:** 512 MB or higher **Hard disk space:** 100 MB 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.

Consideration for the Environment

■ Compliance with EU Directive RoHS*1

*1 RoHS is the acronym of "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

■ 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 71%*2, reducing CO2 emissions during transport.

*2 Compared to Hitachi CP-X3011N network capable projector on the basis of one carton box.

■ Power saving mode engaged during standby

■ Eco mode

Eco mode provides power saving.

- 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 of 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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Remote control warning: Do not look into the laser beam. Class 2 laser product; maximum output 1mW; wavelength 650nm.

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