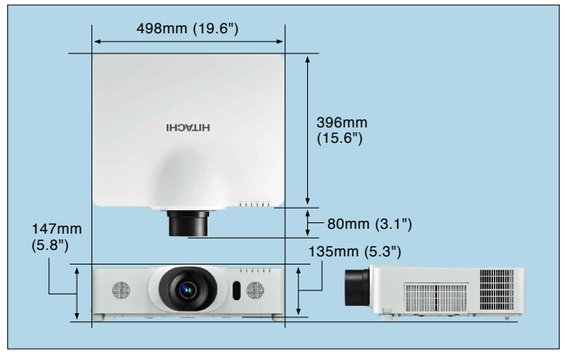
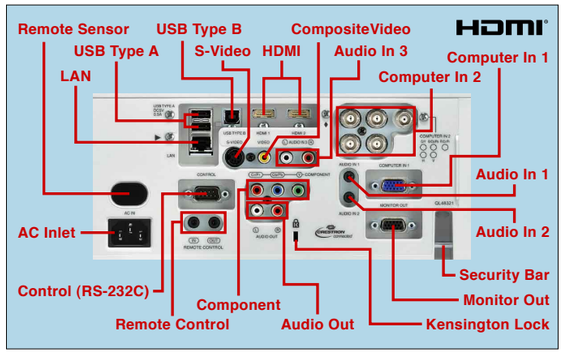
SPECIFICATIONS

Model name		CP-WX8240	CP-X8150
Liquid crystal panel		0.59 type (inch), 1.5cm polysilicon active-matrix TFT x 3	0.63 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)
Motorized zoom		x1.5	
Lamp		245W UHP	
Light output (brightness)		4,000 Lumens	5,000 Lumens
Contrast ratio		3,000:1 (Presentation mode)	
Audio		8W x 2	
Keystone correction		Auto Vertical Keystone	
Power supply		AC100-120V/AC220-240V	
Operating temperature		0-40°C (32-104°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 x 3	S-Video: Mini DIN 4 pin jack x 1, Composite video: RCA jack x 1, Component video: RCA jack x 3	
	Audio input x 3	3.5mm (stereo) mini jack x 2, RCA jack x 2 (L/R)	
	Computer input x 2	Analog RGB: D-sub 15 pin mini jack x 1, BNC jack x 5	
	HDMI input x 2	HDMI connector x 2 (HDCP compliant)	
	Remote control intput	3.5mm (stereo) mini jack x 1	
	Audio output x 1	RCA jack x 2 (L/R)	
	Monitor output x 1	Analog RGB: D-sub 15 pin mini jack x 1	
	Remote control output	3.5mm (stereo) mini jack x 1	
	USB	USB type A connector x 2 (for PC-less presentation or wireless adapter), USB type B connector x 1 (for USB display or USB mouse control)	
	Control	D-sub 9 pin plug x 1 for RS232C	
	Wireless network	Option	
	Wired network (LAN)	RJ45 jack x 1	
Agency certifications		UL/cUL, FCC Part15 class A, AS/NZS CISPR22 class A, CE, GOST-R	
Dimensions (WxHxD)		498 x 135 x 396mm (19.6" x 5.3" x 15.6") [excluding protruding part]	
Weight		Approximately 8.3kg (18.3 lbs.)	
Standard accessories		Remote control (Part#: HL02801) with two AA batteries, Power cord, Computer cable, Lens cover, User's manuals, Security label, Application CD, Adapter cover	
Optional accessories		Lamp: DT01281, Filter set: MU06642, USB wireless adapter: USB-WL-11N	

DIMENSIONS



TERMINALS



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.

■ 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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LCD Projectors

HITACHI
Inspire the Next

High performance projectors ideal for use in large spaces

LCD Projectors

CP-WX8240	WXGA 4,000 Lumens
CP-X8150	XGA 5,000 Lumens

Designed for use in conference halls or auditoriums with flexible installation and outstanding features

Superior Lens Shift

Superior Lens Shift lets you select the most convenient installation location in a large space.

Variety of Lens Options

Three optional lenses are available in addition to the standard lens. You can choose the most appropriate lens for a wide range of projection distances.

・Projected images are simulations.

LCD Projectors

CP-WX8240 WXGA 4,000 Lumens
CP-X8150 XGA 5,000 Lumens

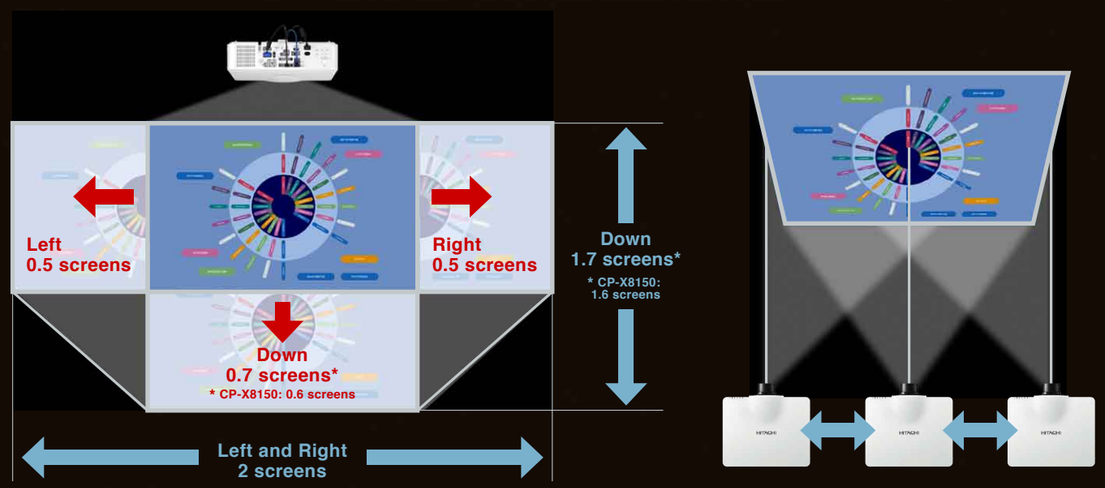
Flexible installation allows use in a wide range of spaces

■ Lens Shift and Motorized Lens

Lens Shift allows a broad installation area. The projectors can cover a total range of 2 screen areas horizontally and 1.7 screen (CP-WX8240)/1.6 screen (CP-X8150) areas vertically. With ceiling installation, they can shift left or right by 0.5 of the screen's width and down by 0.7 (CP-WX8240)/0.6 (CP-X8150) of the screen's height. Using the optical lens shift function, you can move the projection lens horizontally five times more than with the CP-WX625. This lens shift lets you install your projector within a wide area. In addition, with motorized settings including optical lens shift, zoom, and focus adjustments, you can adjust these settings from a distance by simply using the remote control.

■ Lens Memory

Lens Memory lets you store up to three patterns of settings for lens shift position. This eliminates the need to make adjustments for settings, so you can quickly begin projection with the proper settings.



・Projected images are simulations.

3 Optional Lenses and 1 Standard Lens

Standard Lens

Short throw zoom lens
SL-702 Zoom: x1.5

Optional Lens

Middle throw zoom lens
ML-703 Zoom: x2.0

Optional Lens

Long throw zoom lens
LL-704 Zoom: x1.7

Optional Lens

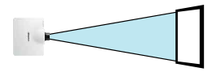
Ultra long throw zoom lens
UL-705 Zoom: x1.7

・Fixed short throw option lens, FL-701, will be available in Spring 2012.

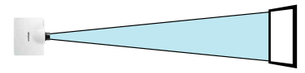
The CP-WX8240 and CP-X8150 provide three optional lenses in addition to the standard lens, so you can use a wide range of installation environments. For example, by making use of four types of lenses, projection onto a 100" screen can achieved from a distance of anywhere from 3.2 to 22.3 meters (127"— 879") with the CP-WX8240, and 3.1 to 21.1 meters (120"— 830") with the CP-X8150, allowing them to easily match the available space.

Projection distances for standard lens and optional lenses when projecting onto a 100" screen.

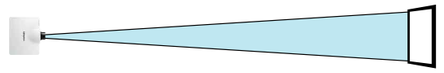
SL-702
CP-WX8240: 3.2 — 4.9m (127" — 192")
CP-X8150: 3.1 — 4.6m (120" — 181")



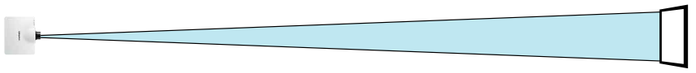
ML-703
CP-WX8240: 4.1 — 8.1m (162" — 321")
CP-X8150: 3.9 — 7.7m (153" — 303")



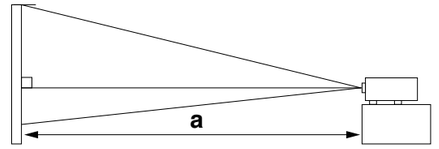
LL-704
CP-WX8240: 7.8 — 13.2m (305" — 520")
CP-X8150: 7.3 — 12.4m (288" — 490")



UL-705
CP-WX8240: 13.1 — 22.3m (516" — 879")
CP-X8150: 12.4 — 21.1m (487" — 830")



PROJECTION DISTANCE



a: LCD projector-to-screen distance

CP-WX8240

Screen Size (16:10 Screen)	Standard Lens SL-702 (Short throw zoom lens)		Optional Lens ML-703 (Middle throw zoom lens)		Optional Lens LL-704 (Long throw zoom lens)		Optional Lens UL-705 (Ultra long throw zoom lens)	
	a Min	a Max	a Min	a Max	a Min	a Max	a Min	a Max
30 type (inch), 0.8m	1.0m (39")	1.5m (58")	1.2m (49")	2.5m (97")	2.3m (92")	3.9m (154")	4.1m (162")	6.9m (270")
40 type (inch), 1.0m	1.3m (52")	2.0m (77")	1.7m (65")	3.3m (129")	3.1m (123")	5.2m (207")	5.4m (213")	9.1m (357")
60 type (inch), 1.5m	2.0m (77")	2.9m (115")	2.5m (97")	4.9m (193")	4.7m (183")	7.9m (311")	8.0m (314")	13.5m (531")
70 type (inch), 1.8m	2.3m (89")	3.4m (135")	2.9m (114")	5.7m (225")	5.4m (214")	9.2m (363")	9.3m (364")	15.7m (618")
80 type (inch), 2.0m	2.6m (102")	3.9m (154")	3.3m (130")	6.5m (257")	6.2m (244")	10.5m (415")	10.5m (415")	17.9m (705")
100 type (inch), 2.5m	3.2m (127")	4.9m (192")	4.1m (162")	8.1m (321")	7.8m (305")	13.2m (520")	13.1m (516")	22.3m (879")
120 type (inch), 3.0m	3.9m (153")	5.8m (230")	4.9m (194")	9.8m (385")	9.3m (366")	15.8m (624")	15.7m (617")	26.7m (1053")
150 type (inch), 3.8m	4.8m (191")	7.3m (287")	6.2m (243")	12.2m (481")	11.6m (458")	19.8m (780")	19.5m (769")	33.4m (1314")
200 type (inch), 5.1m	6.4m (254")	9.7m (383")	8.2m (324")	16.3m (641")	15.5m (610")	26.5m (1041")	25.9m (1021")	44.4m (1749")
250 type (inch), 6.4m	8.0m (317")	12.1m (478")	10.3m (404")	20.3m (801")	19.4m (763")	33.1m (1302")	32.4m (1274")	55.5m (2184")
300 type (inch), 7.6m	9.7m (380")	14.6m (573")	12.3m (485")	24.4m (961")	23.2m (915")	39.7m (1563")	38.8m (1527")	66.5m (2619")
350 type (inch), 8.9m	11.3m (443")	17.0m (669")	14.4m (566")	28.5m (1121")	27.1m (1067")	46.3m (1824")	45.2m (1780")	77.6m (3054")
400 type (inch), 10.2m	12.9m (506")	19.4m (764")	16.4m (647")	32.5m (1281")	31.0m (1220")	53.0m (2085")	51.6m (2032")	88.6m (3490")
500 type (inch), 12.7m	16.1m (633")	24.3m (955")	20.5m (808")	40.7m (1601")	38.7m (1525")	66.2m (2607")	64.5m (2538")	110.7m (4360")
600 type (inch), 15.2m	19.3m (759")	29.1m (1146")	24.6m (970")	48.8m (1921")	46.5m (1829")	79.5m (3128")	77.3m (3043")	132.8m (5230")

・Tolerance ±10% (for projection distance a) ・Final specifications may vary slightly.

CP-X8150

Screen Size (4:3 Screen)	Standard Lens SL-702 (Short throw zoom lens)		Optional Lens ML-703 (Middle throw zoom lens)		Optional Lens LL-704 (Long throw zoom lens)		Optional Lens UL-705 (Ultra long throw zoom lens)	
	a Min	a Max	a Min	a Max	a Min	a Max	a Min	a Max
30 type (inch), 0.8m	0.9m (37")	1.4m (55")	1.2m (46")	2.3m (91")	2.2m (87")	3.7m (145")	3.9m (154")	6.5m (255")
40 type (inch), 1.0m	1.2m (49")	1.9m (73")	1.6m (61")	3.1m (121")	2.9m (116")	4.9m (195")	5.1m (201")	8.6m (337")
60 type (inch), 1.5m	1.8m (73")	2.8m (109")	2.3m (92")	4.6m (182")	4.4m (173")	7.4m (293")	7.5m (297")	12.7m (501")
70 type (inch), 1.8m	2.1m (84")	3.2m (127")	2.7m (107")	5.4m (212")	5.1m (202")	8.7m (342")	8.7m (344")	14.8m (583")
80 type (inch), 2.0m	2.4m (96")	3.7m (145")	3.1m (122")	6.2m (242")	5.9m (231")	9.9m (392")	10.0m (392")	16.9m (666")
100 type (inch), 2.5m	3.1m (120")	4.6m (181")	3.9m (153")	7.7m (303")	7.3m (288")	12.4m (490")	12.4m (487")	21.1m (830")
120 type (inch), 3.0m	3.7m (144")	5.5m (217")	4.7m (183")	9.2m (363")	8.8m (346")	14.9m (589")	14.8m (583")	25.2m (994")
150 type (inch), 3.8m	4.6m (180")	6.9m (271")	5.8m (229")	11.5m (454")	11.0m (432")	18.7m (736")	18.4m (726")	31.5m (1240")
200 type (inch), 5.1m	6.1m (239")	9.2m (361")	7.8m (305")	15.4m (605")	14.6m (576")	25.0m (982")	24.5m (964")	41.9m (1651")
250 type (inch), 6.4m	7.6m (299")	11.5m (451")	9.7m (381")	19.2m (756")	18.3m (720")	31.2m (1228")	30.5m (1203")	52.4m (2061")
300 type (inch), 7.6m	9.1m (359")	13.7m (541")	11.6m (458")	23.0m (907")	21.9m (863")	37.5m (1475")	36.6m (1441")	62.8m (2472")
350 type (inch), 8.9m	10.6m (418")	16.0m (631")	13.6m (534")	26.9m (1057")	25.6m (1007")	43.7m (1721")	42.7m (1679")	73.2m (2882")
400 type (inch), 10.2m	12.1m (478")	18.3m (721")	15.5m (610")	30.7m (1208")	29.2m (1151")	50.0m (1967")	48.7m (1918")	83.6m (3293")
500 type (inch), 12.7m	15.2m (597")	22.9m (901")	19.4m (762")	38.4m (1510")	36.5m (1438")	62.5m (2459")	60.8m (2395")	104.5m (4113")
600 type (inch), 15.2m	18.2m (716")	27.5m (1081")	23.2m (915")	46.0m (1812")	43.8m (1726")	75.0m (2951")	72.9m (2871")	125.3m (4934")

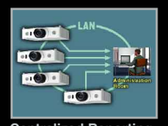
・Tolerance ±10% (for projection distance a) ・Final specifications may vary slightly.

Superior functionality found in a slim body design

Advanced Network Functions*1

Convenient Networking

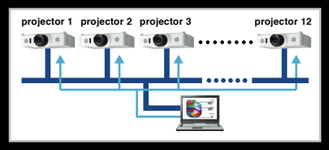
Embedded networking gives you the ability to manage and control multiple projectors over your LAN: Centralized Reporting, Scheduling, E-mail Alerts, and My Image (Image Transfer).



Centralized Reporting

Multi Projector*2*3

You can project the same image to up to 12*4 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.



*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 This function will be provided later by software update 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.

■ **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.

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.

2 HDMI Digital Inputs

The two HDMI inputs allow digital connection via a single cable, for video and audio from various types of equipment. You enjoy high picture quality and high sound quality for a wide range of uses.

Perfect Fit

Perfect Fit enables quick adjustment of the projected image by moving its four corners one at a time. In addition, barrel or pincushion distortion, which occur on rounded surfaces, can easily be corrected.

• Perfect Fit may decrease picture quality as a result of the compensation and resizing processes.

DICOM® Simulation Mode

The DICOM (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

• The projectors have a DICOM (Digital Imaging and Communications in Medicine) Simulation Mode. This mode simulates the DICOM standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM standard, and neither the projector nor the DICOM Simulation Mode should be used for medical diagnosis.
• Comparison photos are simulations.

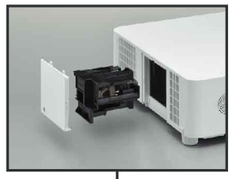

Standard Mode


DICOM Simulation Mode

• Projected images are simulations.

LCD Projector
CP-WX8240 **WXGA 4,000 Lumens**

LCD Projector
CP-X8150 **XGA 5,000 Lumens**



Easy Maintenance

Lamp door and filter cover are on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling.

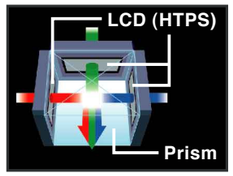
High Performance Filter

The high performance filter is made of two layers of unwoven cloth and lasts up to approximately 15,000 hours* without cleaning, reducing maintenance time.

* Varies according to usage environment.

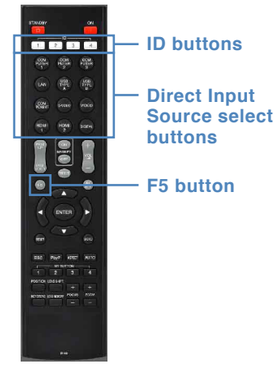
3 LCD Panels with Inorganic Alignment Layers

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.



Easy-to-Use Remote Control

The remote control has four ID buttons. When operating multiple projectors at one time, each projector ID can be changed to prevent confusion. It also has an F5 button for starting presentations quickly, and Direct Input Source select buttons.



More Convenient Features

• Mechanical SHADE • Operating Altitude: 0-3,048m (0-10,000ft) • Low Noise of 29dB*1 (Eco Mode) • PC-Less Presentation
• Display via USB • Template Function*2 • Closed Caption • Auto Vertical Keystone Correction • Compatible with AMX Device Discovery
• Compatible with Crestron RoomView® • VESA Compatible Ceiling Mount Screw Holes
*1 Typical. Tested in 23°C environmental conditions. *2 Patent pending