

LCD Projectors

Specifications		
Model name	CP-WX5506M	CP-WU5506M
Display system	3LCD	
Display device	Size of effective display area	0.64" x 3, aspect ratio 16 : 10
	Number of pixels	1,024,000 pixels 1,280 horizontal x 800 vertical
Lens	Zoom	Manual (x1.6)
	Focus	Manual
	Lens shift	Manual (V : 0 ~ +50%, H : ±4.6%)
Light source	300W (high pressure mercury lamp)	
Screen size	30 - 300 inch	
Light output (Brightness)*1	5,400lm	5,200lm
Contrast ratio (full white / full black)*2	10,000 : 1	
Speaker	16W x 1 (mono)	
Displayable scanning frequency	Horizontal	31.5 ~ 106 kHz
	Vertical	56 ~ 120 Hz
Terminals	COMPUTER IN	Mini D-sub 15-pin connector x 1
	MONITOR OUT	Mini-D-sub 15-pin connector x 1
	VIDEO	RCA connector x 1
	HDBaseT	RJ-45 connector x 1
	HDMI IN	HDMI connector x 2 (HDCP compliant) *HDMI IN 1 supports MHL input
	HDMI OUT	HDMI connector x 1 (HDCP compliant)
	AUDIO IN	3.5mm (stereo) mini connector x 1 / 2 RCA connector (L, R) x 1
	AUDIO OUT	3.5mm (stereo) mini connector x 1
	CONTROL IN (RS-232C)	D-sub 9-pin connector x 1
	LAN	RJ-45 connector x 1
	WIRELESS	USB type A x 1 (Used for wireless adapter)
	REMOTE CONTROL IN	3.5mm (stereo) mini connector x 1
	REMOTE CONTROL OUT	3.5mm (stereo) mini connector x 1
USB TYPE A	USB type A x 1 (DC5V 1A)	
Operating temperature	0 - 40°C * (32 - 104°F) at altitude of 0 - 1,600m (0 - 5,249ft)	
	0 - 35°C (32 - 95°F) at altitude of 1,600 - 3,048m (5,249 - 10,000ft)	
* When the ambient temperature exceeds 35°C, the brightness of the lamp is reduced automatically.		
Power requirements	AC100 - 120V (50Hz / 60Hz), 4.8A	
	AC220 - 240V (50Hz / 60Hz), 2.4A	
Power consumption	AC100 - 120V : 470W	
	AC220 - 240V : 450W	
Standby mode power consumption	Less than 0.5W at saving mode	
Standard outside dimensions (WxHxD)	466mm x 138mm x 337mm (18.3" x 5.4" x 13.3")	466mm x 138mm x 339mm (18.3" x 5.4" x 13.3")
	460mm x 122mm x 334mm (18.1" x 5.4" x 13.1") (Excluding protruding parts)	460mm x 122mm x 334mm (18.1" x 5.4" x 13.1") (Excluding protruding parts)
Weight	Approx. 6.9kg (15.2lbs.)	Approx. 7.2kg (15.9lbs.)
Accessories	Remote control with batteries, USB Wireless Adapter (USB-WL-5G)*3, Power cord, Computer cable, Lens cover, Terminal cover, User's manual (Book, CD-ROM), Security label, Hook metal, Screw, Cable tie, HDMI cable holder	
Optional parts	Lamp	DT01931
	Filter set	UX41161
	Mounting accessories	HAS-9110 (Bracket for fixing mount), HAS-104S (Slim adapter for fixing mount), HAS-204L (Standard adapter for fixing mount), HAS-304H (Long adapter for fixing mount)
	Remote Control (with the wired remote terminal)	RC-R104

*1 When PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is set to OFF, and lens shift position is center (V/H:0%).
 *2 When PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is set to PRESENTATION, and lens shift position is center (V/H:0%).
 *3 The adapter supports IEEE802.11a/b/g/n/ac.

Environment	
<ul style="list-style-type: none"> ▶ 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 76%*2, reducing CO₂ emissions during transport. ▶ Power saving mode engaged during standby ▶ Eco mode ▶ Eco mode provides power saving. 	<p>*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".</p> <p>*2 Compared to Hitachi CP-X8150J projector on the basis of one carton box.</p>

Design and specifications are subject to change without notice.

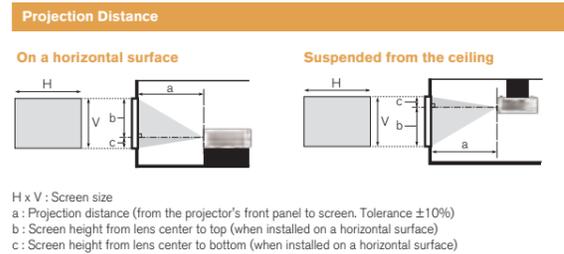
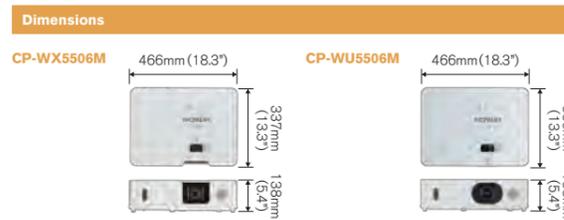
The projected images and comparison photos in this catalog are simulations. LCD panels, polarizers and other optical components, and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative. Do not use in places where there is a lot of water, 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.

- Android is a trademark of Google Inc.
- iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license by Apple Inc.
- macOS is a trademark of Apple Inc., registered in the U.S. and other countries.
- Windows is a trademark, or a registered trademark of Microsoft Corporation in the United States and/or other countries.
- Crestron® and Crestron RoomView® are registered trademarks of Crestron Electronics, Inc. in the United States and other countries.
- HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.
- Miracast® is a registered trademark of Wi-Fi Alliance.
- HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- MHL, the MHL logo, and Mobile High-Definition Link are trademarks or registered trademarks of MHL, LLC in the United States and other countries.
- DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.
- All other trademarks are the properties of their respective owners.

HITACHI

Hitachi America, Ltd., Digital Media Division 2420 Fenton Street, Suite 200 Chula Vista, CA 91914, U.S.A. and Canada Tel: +1-800-225-1741 www.hitachi-america.us/digitalmedia
 Hitachi Home Electronics Asia (S) Pte. Ltd. 438A Alexandra Road #01-01/02/03, Alexandra Technopark, 119967, Singapore Tel: +65-6536-2520 www.hitachiconsumer.com.sg
 Hitachi Sales (Malaysia) Sdn. Bhd. Lot 12, Jalan Kemajuan, Bangi Industrial Estate, 43650 Bandar Baru Bangi, Selangor Darul Ehsan, Malaysia Tel: +60-3-8911-2670 www.hitachiconsumer.com.my
 Hitachi Sales (Thailand), Ltd. 994, 996 Soi Thonglor, Sukhumvit 55 Road, Klongtonnua, Vadhana Bangkok 10110, Thailand Tel: +66-2335-5455 www.hitachi-th.com
 Hitachi (Hong Kong), Ltd. 18th Floor, Ever Gain Centre, 28 On Muk Street, Shatin, N.T., Hong Kong Tel: +852-2113-8883 www.hitachi-hk.com.hk
 Hitachi Sales Corp. of Taiwan 2nd Floor, No.65, Nanking East Road, Section 3, Taipei 104, Taiwan Tel: +886-2-2516-0500 www.hsct.com.tw
 Hitachi Australia Pty Ltd. Suite 801, Level 8, 123 Epping Road, North Ryde NSW 2113, Australia Tel: +61-2-9888-4100 www.hitachi.com.au
 Hitachi Europe Ltd., Digital Media Group Consumer Affairs Department Whitebrook Park, Lower Cookham Road, Maidenhead, Berkshire, SL6 8YA, UK Tel: +44-1628-585000 www.hitachidigitalmedia.com
 Hitachi Maxell, Ltd. 5030 Totsuka-cho, Totsuka-ku Yokohama, 244-0003, Japan http://www.hitachi.co.jp/proj/

March 2017



CP-WX5506M (1,280 x 800)

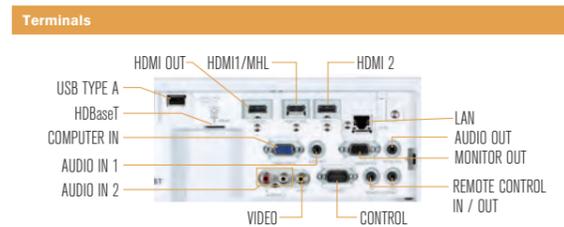
Screen type	Screen size		Projection distance a				Screen height*					
	H	V	min.		max.		b	c				
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.
60	1.3	51	0.8	32	1.6	64	2.7	105	81	32	0	0
80	1.7	68	1.1	42	2.2	86	3.6	141	108	42	0	0
100	2.2	85	1.3	53	2.8	109	4.5	177	135	53	0	0
120	2.6	102	1.6	64	3.3	131	5.4	213	162	64	0	0
150	3.2	127	2.0	79	4.2	164	6.8	267	202	79	0	0
200	4.3	170	2.7	106	5.6	220	9.1	357	269	106	0	0
250	5.4	212	3.4	132	7.0	276	11.4	447	337	132	0	0
300	6.5	254	4.0	159	8.4	332	13.6	537	404	159	0	0

* Lens shift position : (V)+50%, (H)0%

CP-WU5506M (1,920 x 1,200)

Screen type	Screen size		Projection distance a				Screen height*					
	H	V	min.		max.		b	c				
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.
60	1.3	51	0.8	32	1.7	68	3.0	118	81	32	0	0
80	1.7	68	1.1	42	2.3	91	4.0	158	108	42	0	0
100	2.2	85	1.3	53	2.9	115	5.0	198	135	53	0	0
120	2.6	102	1.6	64	3.5	138	6.0	238	162	64	0	0
150	3.2	127	2.0	79	4.4	173	7.6	298	202	79	0	0
200	4.3	170	2.7	106	5.9	231	10.1	397	269	106	0	0
250	5.4	212	3.4	132	7.4	290	12.6	497	337	132	0	0
300	6.5	254	4.0	159	8.8	348	15.2	597	404	159	0	0

* Lens shift position : (V)+50%, (H)0%



Support your meeting with LCD projectors by wirelessly mirroring high quality contents from your mobile devices.



*Projected images are simulations

Wireless Network Functions Complete with High Quality and High Security

Hitachi's wireless projectors can project still images, documents, video, and audio smoothly transmitted from your device. In addition, the projectors have high security capabilities such as MAC Address Filtering and SSID Stealth.



Network

Screen Mirroring

Capable of wirelessly projecting images including photos, videos, or web pages from Miracast®-compatible devices.

*Projection may be unavailable depending on the device or content.



Wireless Dual Band Support

Provides a stable wireless network environment by supporting wireless dual band (2.4GHz/5GHz).

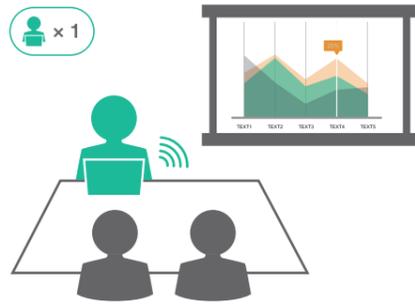


Various Network Projection Modes

Network projection supports the Single display and Multi display. In addition, you can manage various meetings with the moderator control mode. Connection methods for your device and projector include Miracast connection or application connection.

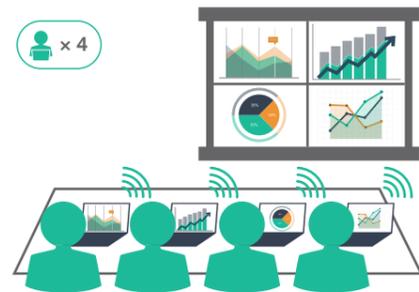
Single Display Projection

Mirror your device's screen on the projector screen.



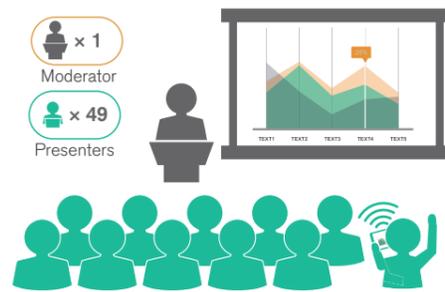
Multi Display Projection

You can split the screen into 4 parts and simultaneously project up to 4 smartphone, tablet, or PCs.



Moderator Control Projection

The moderator decides who can display content (up to 50*1 participants supported).



*1 Use the projector in infrastructure mode with multiple access points. The projector may not operate correctly depending on the environment it is installed or network system. Miracast connection is up to 5 participants supported.

LiveViewer Pro Applications

LiveViewer Pro is an application that projects mirrored screens and a variety of content from your devices to the projectors by transferring them through a wireless LAN.



- LiveViewer Pro for Windows/macOS : Screen Mirroring, Projector Control, Single/Multi Display Projection, Moderator Control Mode
- LiveViewer Pro for iOS/Android : Movie/Music Streaming, Picture/Document/Web/Document Camera Projection, Projector Control, Single/Multi Display Projection, Moderator Control Mode
- The projectors are not compatible with previous application software "LiveViewer" and "Projector Quick Connection".

Projector Web Control

The projectors are equipped with HTML5 based WEB CONTROL that allows you to monitor and control the projector through a network from a smartphone, tablet, or PC.



Projector Web Control is designed with consideration to the Color Universal Design, authenticated by the Color Universal Design Organization (Japan), to make images easier to see for more people, regardless of differences in color vision. CUDO home page : http://www2.cudo.jp/wp/?page_id=1936

LINE UP



CP-WX5506M
WXGA 5,400lm



CP-WU5506M
WUXGA 5,200lm

* Local availability may be limited.



Picture Quality

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources, and creates an effect similar to increasing contrast resulting in clear images even in bright rooms.

Bright room - ACCENTUALIZER, HDCR OFF



Bright room - ACCENTUALIZER, HDCR ON



IMAGE OPTIMIZER

Equipped with IMAGE OPTIMIZER, Hitachi's original function that maintains visibility of an image through automatic image correction in accordance with lamp consumption.

* This function may not work properly when HDCR/ACCENTUALIZER is ON.

After long-hour use

Image Optimizer OFF



The entire image becomes dark.

Image Optimizer ON



Dark parts of the image become clear.

Advanced Installation

Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, test pattern, and stacking alignment peg holes.



* When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode

Turns on the projectors at the same time.

Alternate mode

Turns on the projectors alternately.



Backup function

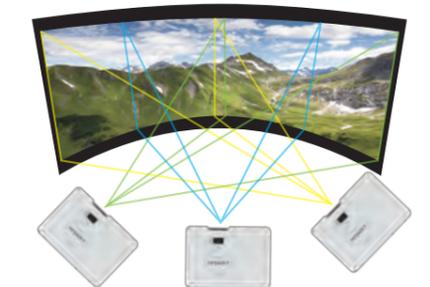


When ALTERNATE is selected and an error occurs on one projector in operation causing the lamp to turn off, the other projector in standby will automatically start to operate.

Edge Blending & Warping

Multiple projectors allow to project one image on a huge curved screen by using the edge blending and geometry correction functions*2 simultaneously.

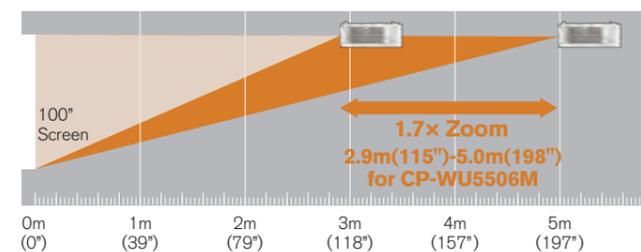
*2 Additional equipment may be required for this feature.



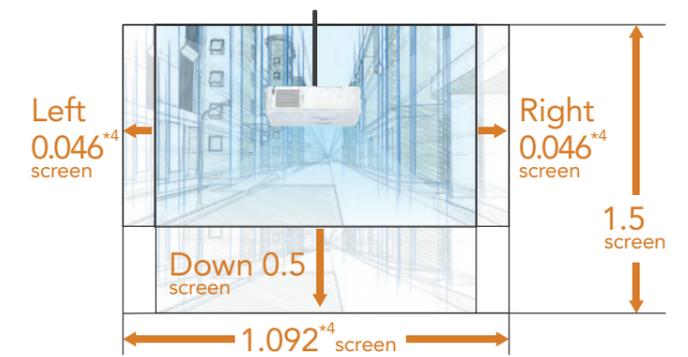
1.7x Zoom*3 Lens, Lens Shift

Featuring a powerful 1.7x manual zoom lens*3, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically to position the image on the screen without causing keystone distortion.

*3 1.6x manual zoom lens for CP-WX5506M.



Lens shift area (at ceiling mount position)



*4 0.044 screen to left or right (Total 1.088 screen) for CP-WU5506M.

Other Functions

- Direct Power On / Off · Perfect fit · PbyP / PinP · DICOM® simulation mode
- Easy Scheduling Setting · Wired Remote & Remote ID (Option) · Seamless Design
- HDMI In / Out · MHL® connectivity · Hybrid Filter · Picture Position · Multi Projector