

Specifications							
Model name		CP-X5555	CP-X5550	CP-WX5505	CP-WX5500	CP-WU5505	CP-WU5500
Display system		3LCD					
Display device	Size of effective display area	0.63" LCD x 3		0.59" LCD x 3		0.67" LCD x 3	
	Number of pixels	786,432 pixels (1,024 horizontal x 768 vertical)		1,024,000 pixels (1,280 horizontal x 800 vertical)		2,304,000 pixels (1,920 horizontal x 1,200 vertical)	
Lens	Zoom	Manual (x1.6)				Manual (x1.7)	
	Focus	Manual					
	Lens shift	Manual (V, H)					
Light source		300W (high pressure mercury lamp)					
Screen size		30 - 300 inch					
Light output (Brightness)		5,800lm		5,200lm			
Contrast ratio (full white / full black)		10,000 : 1 (Picture mode: DYNAMIC, Active iris: PRESENTATION)					
Speaker		16W x 1 (mono)					
Displayable scanning frequency	Horizontal	31.5 - 106kHz					
	Vertical	56 - 120Hz					
Terminals	COMPUTER IN 1	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	-	RJ-45 connector x 1	-	RJ-45 connector x 1	-
	HDMI IN	HDMI connector x 2 (HDCP compliant) * HDMI IN1 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 optional wireless network)					
REMOTE CONTROL IN	3.5mm (stereo) mini connector x 1						
	REMOTE CONTROL OUT	3.5mm (stereo) mini connector x 1					
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), 4.4A AC220 - 240V (50Hz / 60Hz), 2.2A					
Power consumption		AC100 - 120V : 440W AC220 - 240V : 420W					
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"), 460mm x 138mm x 334mm (18.1" x 5.4" x 13.1") (Excluding protruding parts)				466mm x 138mm x 339mm (18.3" x 5.4" x 13.3"), 460mm x 138mm x 334mm (18.1" x 5.4" x 13.1") (Excluding protruding parts)	
Weight		Approx. 6.8kg (15.0lbs.)				Approx. 7.1kg (15.7lbs.)	
Accessories		Remote control with batteries, Power cord, Computer cable, Lens cover, Adapter cover, Terminal cover (for CP-X5555, CP-WX5505, CP-WU5505 only), Application CD, 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)					
	USB wireless adapter	USB-WL-11N					
	Remote Control (with the wired remote terminal)	RC-R104					

Environment

► Compliance with EU Directive RoHS<sup>\*1</sup>

► 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<sub>2</sub> emissions

Carton volume has been cut down to 76%\*, reducing CO<sub>2</sub> emissions during transport.

► Power saving mode engaged during standby

► Eco mode

Eco mode provides power saving.

<sup>\*1</sup>

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".

<sup>\*2</sup>

Compared to Hitachi CP-X8150J projector on the basis of one carton box.

Dimensions

CP-X5555

CP-X5550

CP-WX5505

CP-WX5500

466mm (18.3")

337mm (13.3")

138mm (5.4")

CP-WU5505

CP-WU5500

466mm (18.3")

339mm (13.3")

138mm (5.4")

Projection Distance

On a horizontal surface

Suspended from the ceiling

CP-X5555 / CP-X5550

(1,024 x 768) (±8%)

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	1.2	48	0.9	36	1.7	65	2.7	107	91	36	0	0
80	1.6	64	1.2	48	2.2	88	3.6	144	122	48	0	0
100	2.0	80	1.5	60	2.8	111	4.6	180	152	60	0	0
120	2.4	96	1.8	72	3.4	133	5.5	217	183	72	0	0
150	3.0	120	2.3	90	4.3	168	6.9	272	229	90	0	0
200	4.1	160	3.0	120	5.7	224	9.2	364	305	120	0	0
250	5.1	200	3.8	150	7.1	281	11.6	456	381	150	0	0
300	6.1	240	4.6	180	8.6	338	13.9	548	457	180	0	0

CP-WX5505 / CP-WX5500

(1,280 x 800) (±8%)

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	69	2.9	113	81	32	0	0
80	1.7	68	1.1	42	2.4	93	3.9	152	108	42	0	0
100	2.2	85	1.3	53	3.0	117	4.8	191	135	53	0	0
120	2.6	102	1.6	64	3.6	141	5.8	230	162	64	0	0
150	3.2	127	2.0	79	4.5	177	7.3	288	202	79	0	0
200	4.3	170	2.7	106	6.0	237	9.8	385	269	106	0	0
250	5.4	212	3.4	132	7.6	298	12.3	483	337	132	0	0
300	6.5	254	4.0	159	9.1	358	14.7	580	404	159	0	0

CP-WU5505 / CP-WU5500

(1,920 x 1,200) (±8%)

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	5.1	0.8	3.2	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

Terminals

HDMI OUT

HDMI1/MHL

HDMI 2

HDBaseT\*

COMPUTER IN

AUDIO IN 1

AUDIO IN 2

VIDEO

CONTROL

WIRELESS

LAN

AUDIO OUT

MONITOR OUT

REMOTE CONTROL IN / OUT

\* Equipped with CP-X5555, CP-WX5505, and CP-WU5505 only.

- 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.

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.

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.

dnx

pixelworks™
- # HITACHI
- Hitachi America, Ltd., Digital Media Division

Hitachi Home Electronics Asia (S) Pte. Ltd.

Hitachi Sales (Malaysia) Sdn. Bhd.

Hitachi Sales (Thailand), Ltd.

Hitachi (Hong Kong), Ltd.

Hitachi Sales Corp. of Taiwan

Hitachi Australia Pty Ltd.

Hitachi Europe Ltd., Digital Media Group Consumer Affairs Department

Hitachi Maxell, Ltd.

2420 Fenton Street, Suite 200 Chula Vista, CA 91914, U.S.A. and Canada Tel: +1-800-225-1741 www.hitachi-america.us/digitalmedia

438A Alexandra Road #01-01/02/03, Alexandra Technopark, 119967, Singapore Tel: +65-6536-2520 www.hitachiconsumer.com.sg

Lot 12, Jalan Kemajuan, Bangi Industrial Estate, 43650 Bandar Baru Bangi, Selangor Darul Ehsan, Malaysia Tel: +60-3-8911-2670 www.hitachiconsumer.com.my

994, 996 Soi Thonglor, Sukhumvit 55 Road, Klongtonnua, Vadhana Bangkok 10110, Thailand Tel: +66-2335-5455 www.hitachi-th.com

18th Floor, Ever Gain Centre, 28 On Muk Street, Shatin, N.T., Hong Kong Tel: +852-2113-8883 www.hitachi-hk.com.hk

2nd Floor, No.65, Nanking East Road, Section 3, Taipei 104, Taiwan Tel: +886-2-2516-0500 www.hscst.com.tw

Suite 801, Level 8, 123 Epping Road, North Ryde NSW 2113, Australia Tel: +61-2-9888-4100 www.hitachi.com.au

Whitebrook Park, Lower Cookham Road, Maidenhead, Berkshire, SL6 8YA, UK Tel: +44-1628-585000 www.hitachidigitalmedia.com

5030 Totsuka-cho, Totsuka-ku Yokohama, 244-0003, Japan http://www.hitachi.co.jp/proj/
- June 2016
- NM-E411 062016
- ## LCD Projectors
- HITACHI

Inspire the Next
- 
- Projectors perfect for large meeting rooms, lecture halls and auditoriums.
- 
- 
- 
- 
- 
- CP-X5555

CP-X5550

CP-WX5505

CP-WX5500

CP-WU5505

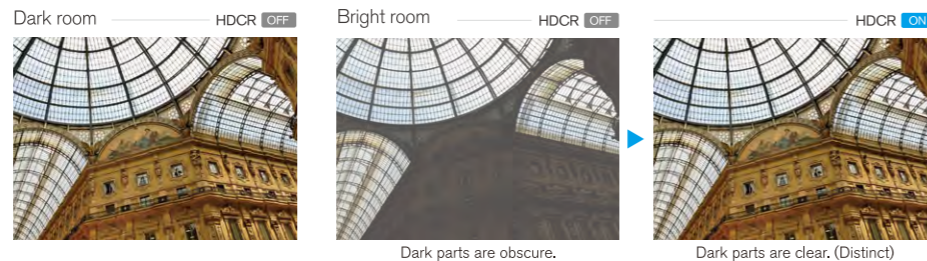
CP-WU5500
- \* Extron XTP: only for CP-X5555, CP-WX5505 and CP-WU5505.
- \*Projected images are simulations



Mounting accessories are not included in the box.

## HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.



## ACCENTUALIZER

Hitachi original technology makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



## Image Optimizer

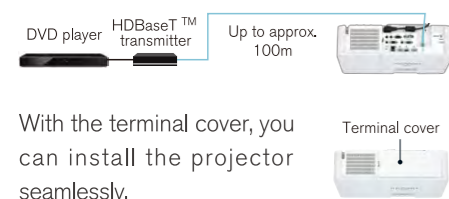
Equipped with IMAGE OPTIMIZER, Hitachi's original function that maintains visibility of an image through automatic image correction in accordance with lamp consumption.

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

## Seamless Design

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using standard LAN cables (Cat5e/6) of up to approx. 100m.

\* For CP-WU5505/CP-WX5505/CP-X5555 only

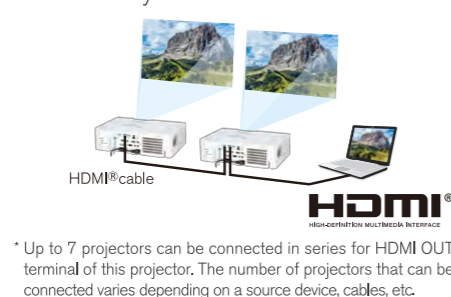


\* You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT terminal.



## HDMI IN / OUT

Equipped with two HDMI IN and one HDMI OUT terminals. The HDMI OUT outputs the signal from HDMI1 or HDBaseT input terminal, and allows to connect the projectors\* in series in order to project the same images simultaneously.



\* Up to 7 projectors can be connected in series for HDMI OUT terminal of this projector. The number of projectors that can be connected varies depending on a source device, cables, etc.

## MHL®connectivity

The projectors' HDMI1 input terminal supports the MHL (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL-enabled smartphone / tablet on a projected screen.



## LINE UP

\* Local availability may be limited.



## 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.



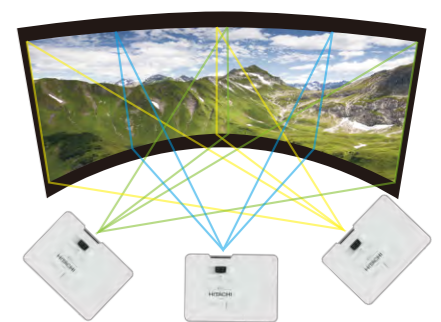
### Backup function



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

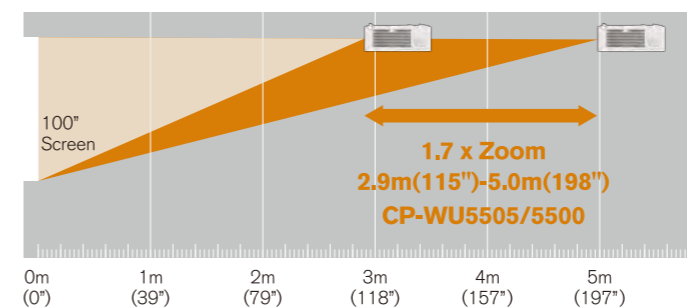
The multiple projectors allow to project one image on a huge curved screen by using the geometry correction and the edge blending functions simultaneously.



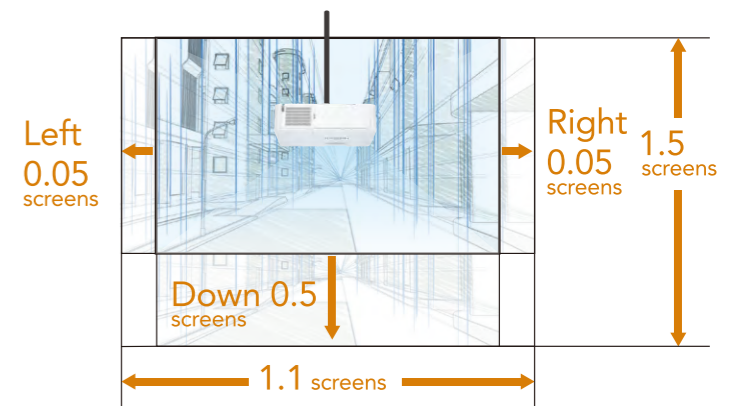
## 1.7 x Zoom\*1 lens , Lens shift

Featuring a powerful 1.7x manual zoom lens, 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.

CP-X5555 / CP-X5550 / CP-WX5505 / CP-WX5500 : 1.6x zoom



### Lens shift area



\* CP-WU5505 / CP-WU5500 : 0.044 screen to left or right (Total 1.088 screen)

## Hybrid Filter

The projectors use a two-layer filter with an unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 10,000 hours\* without cleaning, reducing maintenance time.

\* Varies according to usage environment.



## Other functions

- Convenient network
- Wireless capability (option)
- Smart device control & monitoring
- Direct Power On/Off
- Perfect fit
- PbyP / PinP
- DICOM® simulation mode
- Easy Scheduling Setting
- Wired Remote & Remote ID (option)