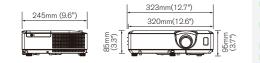
Spe	cificatio	ns															
Model name		CP-X4042WN CP-X3542WN CP-X3042WN CP-X2542WN CP-WX4042WNCP-WX3042WN					CP-EX302N	CP-EX252N	CP-EW302N	CP-EX402	CP-EX302	CP-EX252	CP-EW302				
Display system		3LCD							3LCD			3L	.CD				
Display		ctive display area	0.63", aspect ratio 4:3 0.59", aspect ratio						0.63", asp	ect ratio 4:3	0.59", aspect ratio 16:10	0.63", aspect ratio 4:3 0.59", aspect					
device	Number o	of pixels		786,43 H : 1024 x V			000 pixels : 800 (WXGA)	786,432 pixels     1,024,000 pixels       H : 1024 x V : 768 (XGA)     H:1280xV:800(WXGA)			н:	1,024,000 pixe H:1280xV:800(WX8					
Lens	Zoom				Mar	nual (x1.2)				Manual (x1.2)	)	Manual (x1.2)					
	Focus				1	Manual				Manual		Manual					
Light source				22	5W lamp				225W lamp		225W lamp						
Screen size		30 - 300 inch							30 - 300 inct	ı	30 - 300 inch						
Light c	output (Brig	ghtness)	4,200lm	3,700lm	3,200lm	2,700lm	4,000lm	3,000lm	3,200lm	2,700lm	3,000lm	4,200lm	3,200lm	2,700lm	3,000lm		
Contras	st ratio (full w	white/full black)	10,000 : 1	16,000 : 1		10,00	00:1	: 1 2,000 : 1 2,000									
Speak	Speaker				16W	/ x 1 mono				16W x 1 mon	D	1W x 1 mono					
	Displayable Horizontal				15	- 106 kHz				15 - 106 kHz		15 - 106 kHz					
scanning	g frequency	Vertical			50	- 120 Hz				50 - 120 Hz		50 - 120 Hz					
Display	y	Computer	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+*1, WSXGA+*2, UXGA, Full HD, Mac 16"														
resolut	tion	Video		N	ITSC, NTSC4.4	43, PAL, SECAM, PA	AL-M, PAL-N, PA	AL(60Hz), 480i@	60, 480p@60,	576i@50, 576p	0@50, 720p@50/6	60, 1080i@50/60, 1080p@50/60					
Termina	Is COMPU	TER IN	Mini-D-sub 15-pin connector x 2							Mini-D-sub 15-pin connector x 2			Mini-D-sub 15-pin connector x 2				
	MONITO	OR OUT	Mini-D-sub 15-pin connector x 1 (shared with COMPUTER IN2)						Mini-D-sub 15-pin d	connector x 1 (shared	d with COMPUTER IN2)	Mini-D-sub 15-pin connector x 1 (shared with COMPUTER IN					
	VIDEO IN	N	RCA connector x 1						RCA connector x 1			RCA connector x 1					
	HDMI IN		HDMI (HDCP compliant) x 2 * HDMI 2 supports MHL input.						HDMI (HDCP compliant) x1			HDMI (HDCP compliant) ×1					
AUDIO IN		N	3.5mm stereo mini connector x 2, 2RCA connector L/R x1							o mini jack x 2, F	RCA jack L/R x1	RCA jack L/R x1					
	AUDIO C	DUT	3.5mm stereo mini connector x 1						3.5n	nm stereo mini j	ack x 1		RCA jac	k L/R x1			
	Micropho	one Input			3.5mm mono	mini connector x 1				-				-			
Control (RS232C) LAN USB-A		(RS232C)				in connector x 1				ub 9-pin connec		D-sub 9-pin connector x 1					
						connector x 1			RJ45 connector x 1			-					
			21		esentation or Wirele		)		-		-						
USB-B				USB type		isplay or USB mous	e control)		USB type B x 1		ote Control mouse)	-					
Operating temperature						- 35°C				5 - 35°C		5 - 35°C					
Operating humidity					I (non-condensing)				0%RH (non-con	idensing)	10 - 90%RH (non-condensing)						
Power requirements						- 120V (50 / 60Hz)						AC 100V - 120V (50 / 60Hz) : 3.3A AC 220V - 240V (50 / 60Hz) : 1.6A					
Power consumption			AC 100V - 120V (50 / 60Hz) : 330W AC 220V - 240V (50 / 6										AC 100V - 120V (50 / 60Hz) : 320W AC 220V - 240V (50 / 60Hz) : 300W				
Standby mode power consumption			Less than 0.5W at saving mode							Less than 0.5W at saving mode			Less than 0.5W at saving mode				
Dimensions (W x H x D)		323 x 95 x 245mm (12.7" x 3.7" x 9.6") (Including protrusions) 320 x 85 x 245mm (12.6" x 3.3" x 9.6") (Excluding protrusions)							323 x 95 x 245mm (12.7" x 3.7" x 9.6") (Including protrusions) 320 x 85 x 245mm (12.6" x 3.3" x 9.6") (Excluding protrusions)			323 x 95 x 245mm (12.7" x 3.7" x 9.6") (Including protrusions) 320 x 85 x 245mm (12.6" x 3.3" x 9.6") (Excluding protrusions)					
Weight			Approx. 3.0kg (6.6lbs.)							oprox. 3.0kg (6.6	õlbs.)	Approx. 2.9kg (6.4lbs.)					
Accessories			Power cord (1.8m), Computer cable (2.0m), Remote control, AA batteries, Lens cover, Adapter cover, Security label, User's manuals (Book, CD), Application CD							Power cord (1.8m), Computer cable (2.0m), Remote control, AA batteries, Security label, User's manuals (Book, CD)			Power cord (1.8m), Computer cable (2.0m), Remote control, AA batteries, Security label, User's manuals (Book, CD)				
Option Parts			Lamp : DT01481     HAS-304H (Fixing adapter for high ceilings)       Filter set : UX38841     HAS-204L (Fixing adapter for low ceilings)       USB wireless adapter USB-WL-11N*3     HAS-EX300 (Bracket for ceiling mount)						Lamp : DT01 Filter set : UX	K38841 H	HAS-204L (Fixing	adapter for high ceilings) adapter for low ceilings) ket for ceiling mount)					

1: Only for CP-X4042WN, CP-X3542WN, CP-X3042WN, CP-X2542WN, CP-EX302N, CP-EX252N, CP-EX402, CP-EX302, CP-EX252 '2: Only for CP-WX4042WN, CP-WX3042WN, CP-EW302N, CP-EW30N, CP-EW302N, CP-EW30N, CP-EW30N, CP-EW30N, CP-EW30N, CP-EW30N, CP-EW30N, CP-EW30N, CP-EW30N, CP-EW30N, CP-\*3: The availability of the USB-WL-11N varies depending on the country and the region

Projection Distance																				
On a horizontal surface	CP-X4042WN / CP-X3542WN / CP-EX402 (1,024 x 768) (±10%)				<b>CP-WX4042WN</b> (1,280 × 800) (±10%)					CP-X3042WN / CP-X2542WN / CP-EX302N / CP-EX252N /CP-EX302 / CP-EX252 (1,024 x 768) (±10%)					CP-WX3042WN / CP-EW302N / CP-EW302 (1,280 x 800) (±10%)					
	a	4:3screen		a				a 4:3s		creen		a	16:10screen							
	Screen size (diagonal)	b Projection distance			c2 Screen	Screen size (diagonal)	b Projection distance			c2 Screen height	Screen size (diagonal)					Screen size (diagonal)	b Projection distance			c2 Screen height
02	type	min.	max.	height	height	type	min.	max.	neight	neigin	type	min.	max.	neigin	neight	type	min.	max.	neigni	neigin
Suspended from the ceiling	(inch) m	m inc	h m incl	n cm inch	cm inch	(inch) m	m inch	m inch	cm inch	cm inch	(inch) m	m inch	n <mark>m</mark> inch	n <mark>cm</mark> inch	cm inch	(inch) m	m inch r	m inch	cm inch	cm inch
c?	60 1.5	1.8 70	2.1 84	78 31	13 5	60 1.5	1.9 74	2.3 89	75 30	6 2	60 1.5	1.8 70	2.1 84	78 31	13 5	60 1.5	1.9 74 2	.3 89	75 30	6 2
	80 2.0	2.4 94	2.9 113	8 105 41	17 7	80 2.0	2.5 99	3.0 120	100 39	8 3	80 2.0	2.4 94	2.9 113	8 105 41	17 7	80 2.0	2.5 99 3	120	100 39	8 3
a	100 2.5	3.0 11	3.6 142	2 131 51	22 9	100 2.5	3.2 125	3.8 150	125 49	10 4	100 2.5	3.0 118	3.6 142	2 131 51	22 9	100 2.5	3.2 125 3	150	125 49	10 4
	120 3.0	3.6 14	2 4.3 170	157 62	26 10	120 3.0	3.8 150	4.6 181	150 59	12 5	120 3.0	3.6 142	4.3 170	157 62	26 10	120 3.0	3.8 150 4	.6 181	150 59	12 5
	150 3.8	4.5 17	7 5.4 214	196 77	33 13	150 3.8	4.8 188	5.8 227	188 74	14 6	150 3.8	4.5 177	5.4 213	3 196 77	33 13	150 3.8	4.8 188 5	7 226	188 74	14 6
c1 b	200 5.1	6.0 23	7 7.3 286	6 261 103	44 17	200 5.1	6.4 252	7.7 303	250 98	19 8	200 5.1	6.0 237	7.2 285	5 261 103	44 17	200 5.1	6.4 251 7	.7 302	250 98	19 8

\*The figures are not drawn to scale



#### 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 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.

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' Compared to Hitachi CP-X2515WN network

RoHS is the acronym of "Directive 2011/65/EU

capable projector on the basis of one carton box.

Design and specifications are subject to change without notice.

"Design and specifications are subject to change without notice." The projector is used 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, polarizer please there) 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 faruck 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 live. Optical components after shutdown. Neglect can shorten the lifetime or the lamp. EUCD panel. If the projector is used continuously for six hours or more, its replacement. On ont 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. Windows® is a trademark, or a registered Trademark of Microsoft Corporation in the United States and/or other countries. • Crestron Connected and the Crestron Connected Cog are registered trademarks of Crestron Electronics. • MHL, the MHL logo, and Mobile High-Definition Link are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries. • Crestron Connected and the Crestron Connected Cog are registered trademarks of Crestron Electronics. • MHL, the MHL logo, and Mobile High-Definition Link are trademarks or registered trademarks of Metry and the Crestron Connected and the Crestron Connected Cog are registered trademarks of Crestron Electronics. • MHL humber of the United States and other countries. • ImageCare is a trademarks or registered trademarks or registered trademarks or trademarks or trademarks are the properties of their respective owners.

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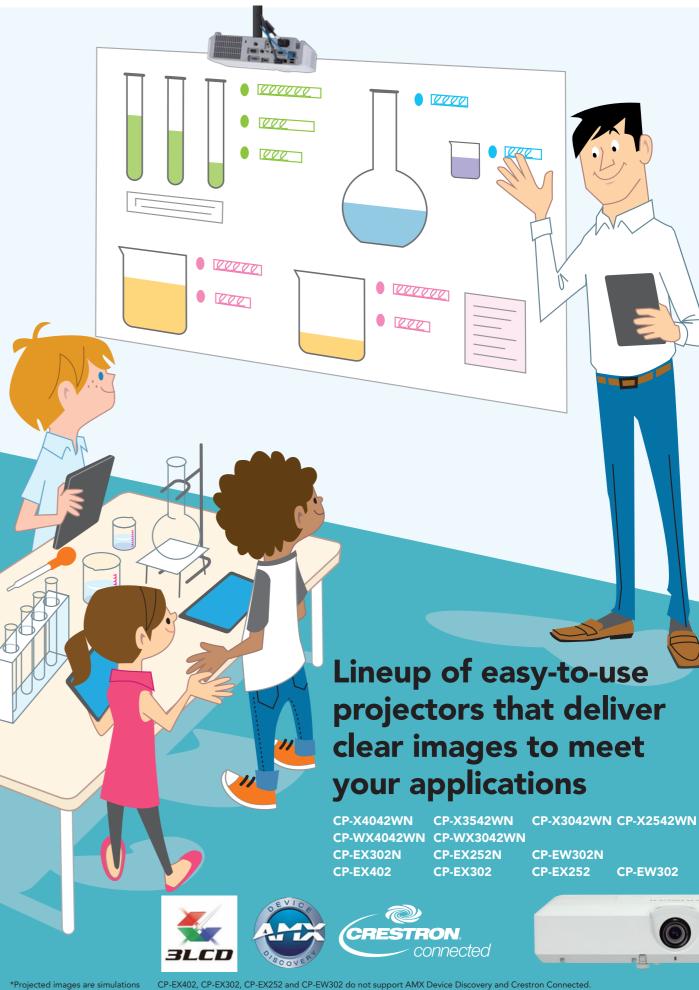
2420 Fenton Street, Suite 200 Chula Vista, CA 91914, U.S.A. and Canada Tel: +1-800-225-1741 www.hitachi-america.us/digitalmedia 438A Alexandra Road #01-01/02/03, Alexandra Technopark, 119967, Singapore Tel: +65-6536-2520 www.hitachiconsu Lot 12, Jalan Kemajuan, Bangi Industrial Estate, 43650 Bandar Baru Bangi, Selangor Darul Ehsan, Malaysia Tel: +60-3-8911-2670 www.hitachiconsumer.com.my 333, 333/1-8 Moo 13, Bangna-Trad Road km 7, Bangkaew, Bangplee, Samutprakarn 10540, 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.hsct.com.tw Suite 801, Level 8, 123 Epping Road, North Ryde NSW 2113, Australia Tel: +61-2-9888-4100 www.hitachi.com.a 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

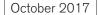
http://www.hitachi.co.jp/proj/

NM-E505 102017

pixelworks"

# **LCD Projectors**

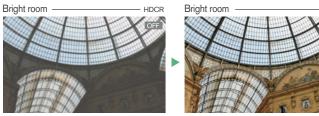






#### **ACCENTUALIZER and HDCR**

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.



**High Contrast Ratio** 

**2 HDMI inputs** 

\*CP-EX302N, CP-EX252N, CP-EW302N, CP-EX402,

CP-EX302, CP-EX252, and CP-EW302 have one HDMI input

MIC Input<sup>\*1</sup> and

**16W Internal Speaker** 

The projectors are equipped with a microphone

input, so you can use the microphone system,

**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

even when the projector is in standby.\*2

These projectors also have a built-in

16-watt high power speaker.

\*1 MIC input terminal is mounted on

CP-X4042WN, CP-X3542WN,

CP-X3042WN CP-X2542WN

CP-WX4042WN, and CP-WX3042WN

\*2 Not available while the STANDBY

MODE is set to SAVING.

distorted image such

as pincushion or barrel.

Equipped with

2 HDMI input

terminals for

the current

widely-used interface.

terminal.

Hom



MHL<sup>®</sup> connectivity

The projectors' HDMI2 input terminal

supports the MHL (Mobile High-Definition

Link). This feature allows you to mirror the

screen of your MHL-enabled smartphone /

Easy Schedule Setting

You can schedule routine and special projector

events, including power on, power off, input

ON

OFF

**Easy Maintenance** 

cover is on the side, so maintenance and

replacement of these parts can be done easily.

INPUTSOURCE COMPUTER IN 1

selection and other settings.

EVENTSCHEDULE

MONDAY to FRIDAY

12:30 INPUTSOURCE HDML1

08:00 POWER

17:00 POWER

tablet on a projected screen.

**XMHL** 

#### **Image Optimizer**

Equipped with IMAGE OPTIMIZER 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



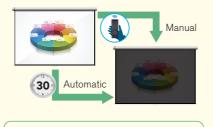


The entire image becomes dark.

Dark parts of the image becomes clear

Saver Mode

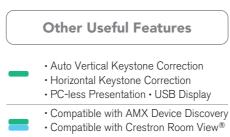
This feature, based on ImageCare® technology, reduces the lamp brightness and power consumption, resulting in considerable energy savings. The saver mode automatically activates when the projected image does not change in the preset time (1 to 30 minutes). You can also activate the saver mode manually with the remote controller.



Intelligent Eco Mode 🗧

This feature, based on ImageCare® technology, automatically changes the lamp brightness according to the input signal level. The 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.

**Image**Care



 Network Bridge Auto Eco Mode 
Audio Pass Through Direct Power On/Off • MyScreen My Button · My Memory



CP-WX4042WN CP-WX3042 The lamp door is on the top and the filter Auto Vertical Keystone Correction

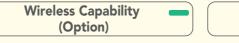


Closed Caption · Security Pin Lock System

Notes • Comparison photos are simulations. • The images in this catalog are representations of the effects and differ from actual images.



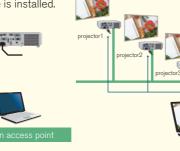
## **Network Function / Capability**



with the optional USB wireless adapter that supports IEEE802.11b/g/n. You can control the projector with a computer via the network, and also project the screen of the computer on which the LiveViewer software is installed.

The projector is capable of a wireless network

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.



### **Projector Quick Connection**

You can project images, documents, photos from a tablet or a smartphone on which Projector Quick Connection, the dedicated online application software developed by Hitachi, has been installed. The software allows you to control the projector with the devices.

\* See the Hitachi website for details http://www.hitachi.co.jp/proj/en/apps/pj\_connection.htm



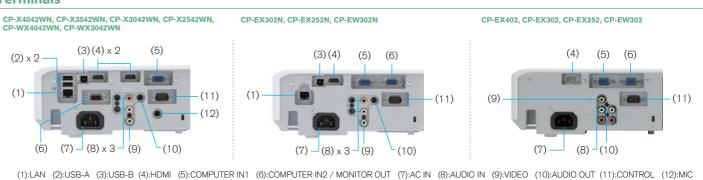
from the website http://www.hitachi-america.us/projectors

LAN

http://www.hitachidigitalmedia.com/

\*1 To secure better performance, a wired network is preferable. Required to install the LiveViewer software from the bundled CD-ROM on all the computers. The functions are supported by LiveViewer (Windows<sup>®</sup> application) only. \*2 Image transfer speed may vary depending on number of projectors connected. \*3 Image and audio transfer speed may vary depending on number of computers connected.

### **Terminals**



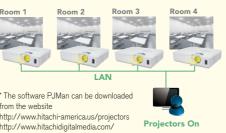
💳 :For CP-X4042WN, CP-X3542WN, CP-X3042WN, CP-X2542WN, CP-WX4042WN, CP-WX3042WN 💳 :For CP-EX302N, CP-EX252N, CP-EW302N 💳 :For CP-EX402, CP-EX302, CP-EX252, CP-EW302N





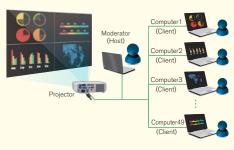
#### **Projector Monitoring and Control from a Remote Location**

Hitachi's Projector Management Software (PJMan) gives you the ability to control, diagnose and manage (monitor the status including power, lamp hours, and temperature and air filter conditions) a single or group of Hitachi projectors.



Moderator Control Mode\*1

Setting one computer from the multiple computers (up to 50\*3) that are connected to the projector as the moderator (host) makes it possible for the moderator to project from all the computers (clients).





E-mail notification is sent for routine maintenance and error conditions.

