

→ CP-EX250N
CP-EX300N
CP-EW250N
CP-EW300N

LCD Projectors

Specifications				
Model name	CP-EX250N	CP-EX300N	CP-EW250N	CP-EW300N
Display system	3 LCD			
Display device	Size of effective display area	0.63"LCD x3, aspect ratio 4:3		0.59"LCD x3, aspect ratio 16:10
	Number of pixels	786,432pixels (1,024 horizontal x 768 vertical)		1,024,000pixels (1,280 horizontal x 800 vertical)
Light source	215W		225W	
Screen size	30 - 300 inch			
Light output (brightness)	2,700lm	3,200lm	2,500lm	3,000lm
Contrast ratio (Presentation mode)	2,000 : 1			
Speaker	16W x1 mono			
Terminals	COMPUTER IN1 COMPUTER IN2/MONITOR OUT HDMI VIDEO AUDIO IN(R,L) AUDIO OUT(R,L) CONTROL(RS-232C) LAN USB-B	Mini-D-sub 15-pin connector x1 Mini-D-sub 15-pin connector x1 HDMI connector x1 RCA connector x1 RCA connector x2 RCA connector x2 D-sub 9-pin connector x1 RJ45 connector x1 USB type B connector x1		
Operating temperature	5 - 35°C			
Operating humidity (RH)	20 - 80%RH (non-condensing)			
Power requirements	AC 100-120V (50/60Hz) : 3.4A		AC 220-240V (50/60Hz) : 1.7A	
Power consumption	AC 100-120V : 330W		AC 220-240V : 310W	
Standby mode power consumption	< 0.5W at saving mode			
Standard outside dimensions(WxHxD)	323 x 95 x 245mm(12.7" x 3.7" x 9.6")			
Weight (mass)	Approx. 3.0 kg			
Accessories	Power cord, Computer cable, Remote control, AA batteries, User's manual (Book, CD)			
Optional parts	Lamp: Filter set : Mounting accessories: Laser remote control:	DT01433 (CP-EX250N, CP-EX300N) DT01491 (CP-EW250N, CP-EW300N) LX38851 HAS-EX300 (Bracket for ceiling mount) HAS-204L (Fixing adapter for low ceilings) HAS-304H (Fixing adapter for high ceilings) RC-R008		

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 64%^{*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-X3015WN network capable projector on the basis of one carton box.</p>

—Design and specifications are subject to change without notice.

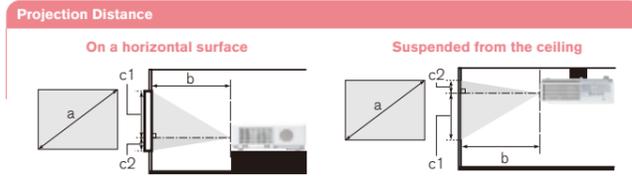
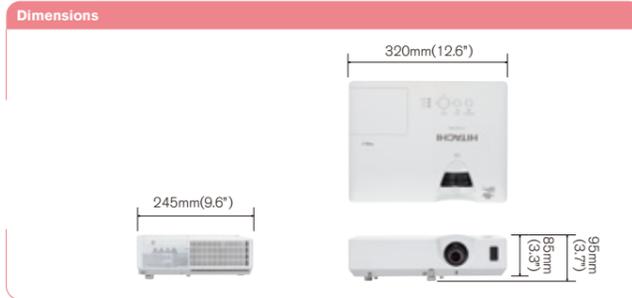
- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot 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.
- Windows®, Windows Vista® and Internet Explorer® are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- Pentium® is trademark of Intel Corporation in the U.S. and/or other countries.
- Crestron® and Crestron RoomView® are registered trademarks of Crestron Electronics, Inc. in the United States and other countries.
- 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.
- ImageCare is a trademark or a registered trademark of Royal Philips in the United States and other countries.
- 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. 292 Yoshida-cho, Totsuka-ku Yokohama, 244-0817, Japan http://www.hitachi.co.jp/proj/

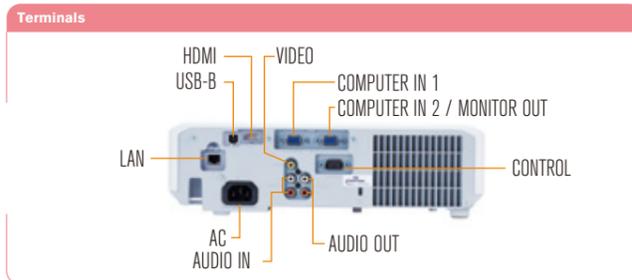
November 2013

NM-E386 112013



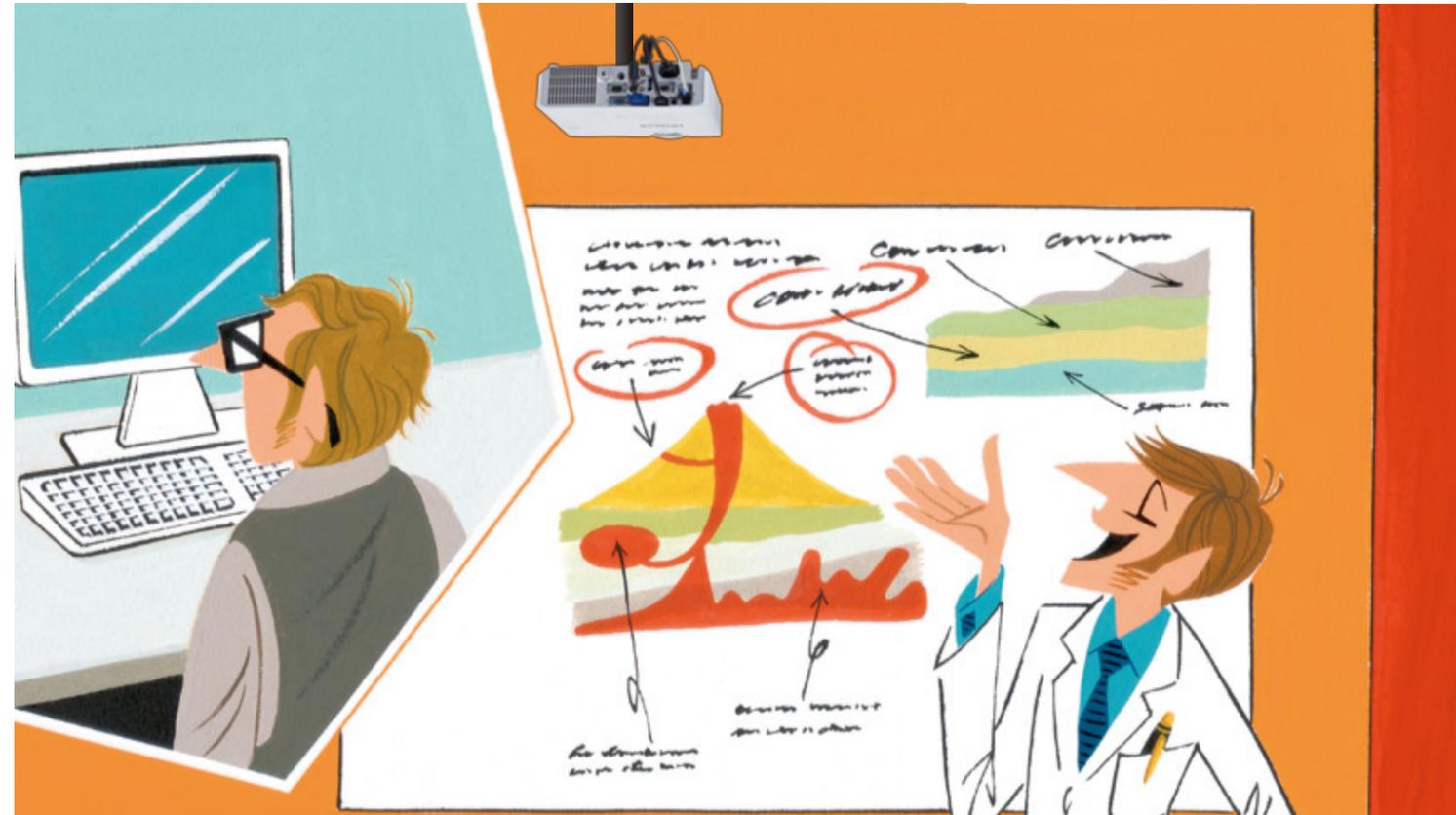
CP-EX250N / CP-EX300N (1,024 x 768) (±10%)																	
a Screen size (diagonal) type	4:3						16:9										
	Projection distance		c1 Screen height		c2 Screen height		Projection distance		c1 Screen height	c2 Screen height							
(inch)	m	min	max	min	max	min	max	min	max								
60	1.5	1.8	70	2.1	84	78	31	13	5	1.9	76	2.3	92	73	29	2	1
80	2.0	2.4	94	2.9	113	105	41	17	7	2.6	102	3.1	123	97	38	2	1
100	2.5	3.0	118	3.6	142	131	51	22	9	3.3	128	3.9	154	122	48	3	1
120	3.0	3.6	142	4.3	170	157	62	26	10	3.9	154	4.7	186	146	57	4	1
150	3.8	4.5	177	5.4	213	196	77	33	13	4.9	193	5.9	232	182	72	4	2
200	5.1	6.0	237	7.2	285	261	103	44	17	6.6	258	7.9	311	243	96	6	2

CP-EW250N / CP-EW300N (1,280 x 800) (±10%)																	
a Screen size (diagonal) type	16:10						4:3										
	Projection distance		c1 Screen height		c2 Screen height		Projection distance		c1 Screen height	c2 Screen height							
(inch)	m	min	max	min	max	min	max	min	max								
60	1.5	1.9	74	2.3	89	75	30	6	2	2.1	84	2.6	101	85	33	7	3
80	2.0	2.5	99	3.0	120	100	39	8	3	2.9	113	3.4	136	113	45	9	3
100	2.5	3.2	125	3.8	150	125	49	10	4	3.6	142	4.3	170	142	56	11	4
120	3.0	3.8	150	4.6	181	150	59	12	5	4.3	170	5.2	205	170	67	13	5
150	3.8	4.8	188	5.7	226	188	74	14	6	5.4	213	6.5	256	212	84	16	6
200	5.1	6.4	251	7.7	302	250	98	19	8	7.2	285	8.7	342	283	111	22	9



LCD Projectors

HITACHI
Inspire the Next



Projectors that support network and provide thorough basic functions



CP-EX250N
CP-EX300N
CP-EW250N
CP-EW300N



*Projected images are simulations

ImageCare Technology

Saver Mode

Saver mode is a feature developed by Hitachi, based on ImageCare® technology, that reduces the projector lamp brightness and consumption power, resulting in considerable energy savings. You can set the Saver mode time 1 to 30 minutes, and if the projected image does not change in that time, Saver mode activates. Saver mode can also be activated manually.

Intelligent Eco Mode

Intelligent Eco mode is a feature developed by Hitachi, based on ImageCare technology, that automatically changes the brightness of the lamp according to the level of the input signal. 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.



Normal mode Saver Mode



Lamp becomes darker Lamp becomes brighter



LCD Projectors



CP-EX250N

XGA 2,700lm



CP-EX300N

XGA 3,200lm



CP-EW250N

WXGA 2,500lm



CP-EW300N

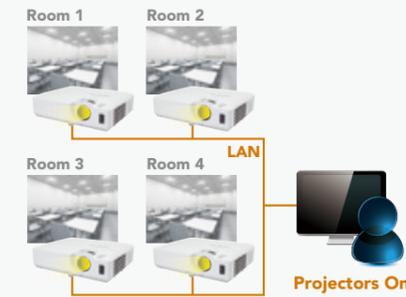
WXGA 3,000lm



Convenient Network

Projector Monitoring and Control from a Remote Location

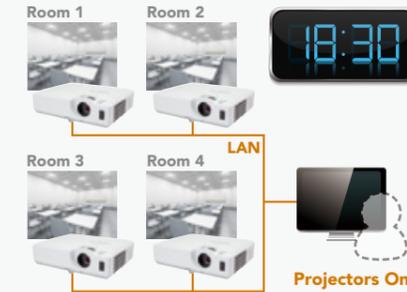
Hitachi's Projector Management Software^{*1} (PJMan) gives you the ability to control, diagnose and manage (monitor the status including power, lamp hours, and temperature and air filter conditions) a single or group of Hitachi projectors.



^{*1} The software, free application developed by Hitachi, can be downloaded from the website <http://www.hitachi-america.us/digitalmedia>

Schedule Functions

You can schedule routine and special projector events, including power on, power off, input selection and other settings.

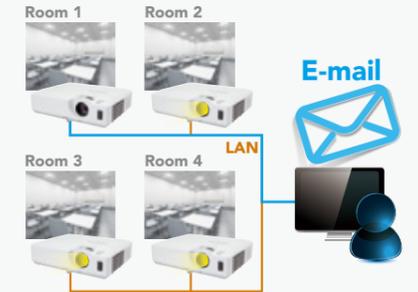


Crestron RoomView®

Administrators for Crestron RoomView® can manage and control this projector and compatible AV devices collectively.

E-mail Alerts

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



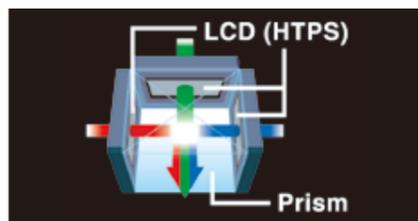
AMX Device Discovery

When integrated with an AMX Controller, the relevant communication modules and drivers are downloaded to the AMX Controller automatically.

Supported OS: One of the followings. Windows® XP Home Edition/Professional Edition (32bit version only), Windows Vista® Home Basic/Home Premium/Business/Ultimate/Enterprise, Windows®7 Starter/HomeBasic/Home Premium/Professional/ Ultimate/Enterprise, Windows®8/8 Pro *Cannot use LiveViewer for the computer or Projector Quick Connection for iOS/Android with these projectors.

3 LCD chips 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.



HTPS: High Temperature Poly-Silicon

Easy Maintenance

The lamp door is on the top and the filter cover is on the side, so maintenance and replacement of these parts can be done easily.



2-Layer Air Filter

This air filter, consisting of two kinds of urethane filters, has improved filter maintenance cycle from every 1,000 hours to every 2,000 hours.

*Varies according to usage environment. In comparison to Hitachi CP-RX94.



Easy Height Adjustment

Easily adjust the height while maintaining the projector level with the push of one button.



HDMI® Terminal and 16W Internal Speakers

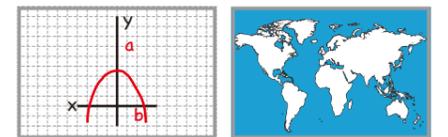
Get the highest quality image by connecting the latest in A/V equipment to the projector with HDMI (High-Definition Multimedia Interface). And There is also an HDMI terminal allowing you to connect compatible devices to the projector.



Template Function*

The Template Function equipped in these projectors projects pre-installed templates on a whiteboard, blackboard, or other surface. Templates include a line template to make writing on a board easier, a grid template, a world map, and more.

*Patent pending



Black lines on a white grid World map