



Maximum projector performance in any situation.

Projectors are now widely used as visual communication tools at many types of events such as conferences and seminars. The CP-X1200 and the CP-X1250 deliver high brightness, permitting them to be used in a wide range of places. A new lens shift function and a selection of interchangeable lenses* also contribute to installation ease. A variety of functions for high picture quality and network compatibility are included. The CP-X1200 and CP-X1250 enable presentations with persuasive impact in a variety of situations.

* Interchangeable lenses are optiona



0.99" polysilicon active-matrix TFT x 3 1,024 x 768 color pixels 3,500 ANSI lumens





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With exceptionally high brightness, it can project easily visible images, even in a large hall.

High Brightness of 4.500 ANSI Lumens*1 permits projection even in a wide space.

The use of a 0.99" liquid crystal panel that has a high aperture rate, plus a UHB (Ultra High Brightness) 310W*2 lamp results in astonishing brightness of 4,500 ANSI Lumens. These models will project clearly visible images during presentations and lectures even in bright rooms This outstanding brightness lets you use them in halls, auditoriums and other wide spaces without darkening the room. In a bright room, your audience can take notes and read documents, allowing you to give more easily understood and effective presentations.

*1: CP-X1200: 3,500 ANSI Lumens *2: CP-X1200: 275W

■ 1.5x Zoom expands installation freedom, even in a limited space.

These models feature a 1.5x zoom lens, so they can be adjusted for a wide range of projection distances. They can be positioned from 3 to 4.6m to project on a large 100" screen. With this expanded freedom of placement, they can be used in a wide variety of places, and are even effective in meeting rooms and classrooms with limited space. The electrically powered zoom, focus, and lens shift can all be remote controlled.



Lens Shift (10:0 to 1:1) simplifies projection even when the unit is suspended upside down at a high location.

This function lets you move the picture vertically on the screen a distance equal to one-half of the picture. Because the optical system position is adjustable, it projects sharp, clear images with little image quality deterioration. The projectors can be positioned on a book shelf, rack, or other high position, increasing installation freedom. Electrically powered, they can be controlled by the remote control and easily adjusted even when suspended from the ceiling.

Optional lenses for a wide range of uses.

Four different optional lenses are available, suitable for a wide range of applications. This lets you position the projectors over a wide range suited to the size and environment of each room. They can be used in many situations ranging from a lecture in a large hall to a presentation in a small meeting room. (Can be placed from 2.3m to 14.8m to project on a 100" screen.) And because the lenses are bayonet types, they are easy to replace.

Network Functions

You can use a PC to control the projector. For example, turn its power on and off through a network from a position far from the projector.

* Projector control function based on LAN (wireless LAN: IEEE802.11b, wired LAN: 802.3/1-BASE TX) is a standard feature.

■ Wireless device that lets you connect a projector and PC without cables.

An optional wireless device, the KJ-100B, connects to the projector by an RGB cable. By inserting the optional KC-11B20Z1 wireless LAN card into the PC, you can transmit images by wireless communication without needing cables to connect the PC and projector. You can also switch among multiple PCs to display images.

Jog Dial

Both projectors have a jog dial that lets you select the input signal with ease, simply by rotating the dial. They also feature self-illuminated buttons so they are easy to use even when the lights are off.

■ Horizontal and Vertical Keystone Correction

The Keystone Correction function not only deals with the keystone distortion that occurs under the effects of a left-to-right discrepancy between the position of the screen and the location of the projector, but even that caused by diagonal alignment when the projector cannot be placed directly in front of the screen. This greatly simplifies troublesome screen adjustment.

Progressive Scan

A progressive scan circuit lets you enjoy realistic, high quality images with smooth motion. 3:2 pull down provides a picture similar to what you see in a movie theater, while 3DY/C separation separates the brightness signal from the color signal to let you enjoy high picture quality with little flicker or cross color, even with composite video signals.





My Screen with Lock System

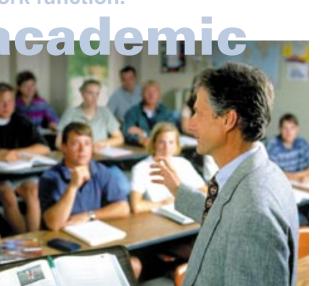
The lock system prevents recording so that a video that has already been recorded by the My Screen function is not accidentally overwritten.



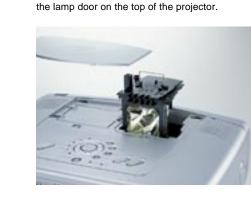




Projectors in various classrooms can be easily controlled via the network function.



Convenient Lamp Replacement The lamp can be replaced with ease by removing



Front Exhaust

Air is exhausted from the front, preventing discomfort for people sitting beside or behind the projector.

Optional Lenses (Bayonet type)



presentations

It can be used for a wide range of effective presentations in any space from small meeting rooms to large conference rooms.



Option 1 FL501 (Short fixed)

Option 2 SL502 (Short zoom)

F = 2.2 - 2.8, f = 23 - 31mm,







Option 3 LL503 (Long zoom)

F = 2.1 - 2.6, f = 46 - 82mm, Throw distance ratio = 2:2 - 4.1:1, zoom: 1.8 Option 4 LL504 (Super long zoom) F = 2.2 - 3.0, f = 80 - 144mm,

Throw distance ratio = 4.0 - 7.2:1, zoom: 1.8

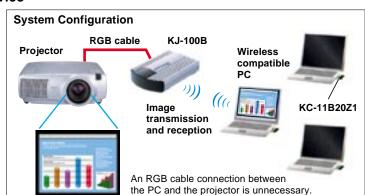
Optional Wireless Device

Throw distance ratio = 1:1 - 1.5:1, zoom: 1.35

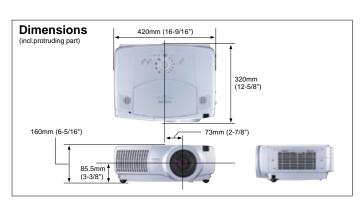
Lens shift position 1:1, F = 2.3, f = 16mm,

Throw distance ratio = 0.8:1, zoom: 1.0



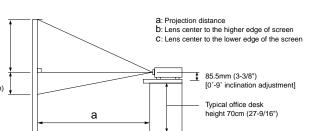


Terminal Board Control & Remote Mouse (D-sub) (0) (0) (0) (0)



SPECIFICATIONS

Model name		CP-X1200	CP-X1250		
Liquid crystal panel structure		0.99" polysilicon active-matrix TFT x 3	0.99" polysilicon active-matrix TFT x 3 (CP-X1250 with Micro-lens)		
Number of pixels		786,432 pixels (V768 x H1,024)	786,432 pixels (V768 x H1,024)		
Resolution		1,024 x 768 color pixels	1,024 x 768 color pixels		
Frequency fH [kHz]		15-91	15-91		
	fV [Hz]	50-120	50-120		
Lens		Power zoom (F=1.7-2.4) 1:1.5 (f=31-46mm)	Power zoom (F=1.7-2.4) 1:1.5 (f=31-46mm)		
Lamp		275W UHB	310W UHB		
Brightness		3,500 ANSI lumens	4,500 ANSI lumens		
Contrast ratio		800 : 1	800 : 1		
Speakers		1W x 2	1W x 2		
Power supply		AC100-120V/220-240V	AC100-120V/220-240V		
Power consumption		470W	470W		
Operating temperature		0-35°C (32-95°F)	0-35°C (32-95°F)		
Input signals	RGB input	VGA, SVAG, XGA, SXGA, UXGA, MAC13", MAC16", MAC19"	VGA, SVAG, XGA, SXGA, UXGA, MAC13", MAC16", MAC19"		
	Video input	NTSC, NTSC4.43, PAL, PAL60, SECAM, M-PAL, N-PAL,	NTSC, NTSC4.43, PAL, PAL60, SECAM, M-PAL, N-PAL,		
		HDTV: 750p (720p), 1125i (1080i/1035i)	HDTV: 750p (720p), 1125i (1080i/1035i)		
		SDTV: 525i (480p), 525p (480p), 625i (575i)	SDTV: 525i (480p), 525p (480p), 625i (575i)		
Input/output terminals	Video input	S-Video: Jack terminal x 1	S-Video: Jack terminal x 1		
		Composite video: RCA jack terminal x 1	Composite video: RCA jack terminal x 1		
		Component video: RCA jack terminal x 3	Component video: RCA jack terminal x 3		
		Component video share RGB: BNC terminal x 3	Component video share RGB: BNC terminal x 3		
	Audio input	RCA jack terminal x 1 for video	RCA jack terminal x 1 for video		
		Stereo-mini jack terminal x 2 for RGB, BNC, DVI	Stereo-mini jack terminal x 2 for RGB, BNC, DVI		
	RGB input	Analog RGB: 15-pin Mini-Dsub terminal x 1	Analog RGB: 15-pin Mini-Dsub terminal x 1		
		Share analog RGB: BNC terminal x 5, M1-D terminal x 1	Share analog RGB: BNC terminal x 5, M1-D terminal x 1		
	Audio output	Stereo-mini jack terminal x 1 (Selected OUT)	Stereo-mini jack terminal x 1 (Selected OUT)		
	RGB output	15-pin Mini-Dsub terminal x 1 (Selected OUT)	15-pin Mini-Dsub terminal x 1 (Selected OUT)		
	Control and mouse	9-pin Dsub terminal x 1 for RS232, USB terminal x 1 (M1 terminal), RJ45	9-pin Dsub terminal x 1 for RS232, USB terminal x 1 (M1 terminal), RJ45		
Agency certifications		UL60950/C-UL, FCC Part 15, Class B, CE, TUV EN60950	UL60950/C-UL, FCC Part 15, Class B, CE, TUV EN60950		
Dimensions (WxHxD)		420 x 160 x 320mm (16-9/16"x5-7/8"x12-3/16") [incl. protruding part]	420 x 160 x 320mm (16-9/16"x5-7/8"x12-3/16") [incl. protruding part]		
Weight		7.7kg (17 lbs.)	7.7kg (17 lbs.)		
Standard accessories		Remote control, Batteries, RGB cable, Video cable (for video/audio),	Remote control, Batteries, RGB cable, Video cable (for video/audio),		
		M1 cable (DVI and USB to M1), Power cord, Soft case, User's manual	M1 cable (DVI and USB to M1), Power cord, Soft case, User's manual		



ion Distance	of Optional Lens 1	FL501 (Short fixed)	fixed) Projection				on Distance of Optional Lens 3			
en Size (inch)	а	b c			Screen Size	a			b	
	min.	1:1	1:1		(inch)	min.	stack	max.	1:1	
60	0.9m (37")	46cm (18")	-46cm (-18")	1	40	1.8m (69")	2.4m (93")	3.3m (130")	30cm (12")	61
70	1.1m (43")	53cm (21")	-53cm (-21")	1	60	2.7m (106")	3.6m (142")	5.0m (197")	46cm (18")	91
80	1.3m (50")	61cm (24")	-61cm (-24")		70	3.2m (124")	4.2m (166")	5.9m (230")	53cm (21")	10
90	1.4m (56")	69cm (27")	-69cm (-27")	1	80	3.6m (143")	4.8m (190")	6.7m (264")	61cm (24")	12
100	1.6m (63")	76cm (30")	-76cm (-30")	1	100	4.6m (179")	6.1m (239")	8.4m (331")	76cm (30")	15
120	1.9m (76")	91cm (36")	-91cm (-36")		120	5.5m (216")	7.3m (287")	10.1m (398")	91cm (36")	18
150	2.4m (95")	114cm (45")	-114cm (-45")	1	150	6.9m (271")	9.1m (360")	12.6m (498")	114cm (45")	22
170	2.7m (108")	130cm (51")	-130cm (-51")		200	9.2m (363")	12.2m (481")	16.9m (665")	152cm (60")	305
180	2.9m (115")	137cm (54")	-137cm (-54")	1	250	11.5m (454")	15.3m (603")	21.1m (832")	191cm (75")	381
200	3.2m (128")	152cm (60")	-152cm (-60")	1	300	13.9m (546")	18.4m (724")	25.4m (1000")	229cm (90")	457

Projection Distance of Optional Lens 2 SL502 (Short zoom)

Screen Size	8	a	l l)	(
(inch)	min.	max.	1:1	10:0	1:1	10:0
40	0.9m (34")	1.2m (48")	30cm (12")	61cm (24")	-30cm (-12")	0 (0'
60	1.3m (53")	1.8m (72")	46cm (18")	91cm (36")	-46cm (-18")	0 (0
70	1.6m (62")	2.1m (84")	53cm (21")	107cm (42")	-53cm (-21")	0 (0
80	1.8m (71")	2.5m (97")	61cm (24")	122cm (48")	-61cm (-24")	0 (0'
100	2.3m (89")	3.1m (121")	76cm (30")	152cm (60")	-76cm (-30")	0 (0
120	2.7m (107")	3.7m (146")	91cm (36")	183cm (72")	-91cm (-36")	0 (0
150	3.4m (135")	4.6m (183")	114cm (45")	229cm (90")	-114cm (-45")	0 (0'
200	4.6m (180")	6.2m (245")	152cm (60")	305cm (120")	-152cm (-60")	0 (0
250	5.7m (226")	7.8m (306")	191cm (75")	381cm (150")	-191cm (-75")	0 (0'
300	6.9m (271")	9.3m (368")	229cm (90")	457cm (180")	-229cm (-90")	0 (0
350	8.0m (317")	10.9m (429")	267cm (105")	533cm (210")	-267cm (-105")	0 (0
400	9.2m (362")	12.5m (491")	305cm (120")	610cm (240")	-305cm (-120")	0 (0'
500	11.5m (453")	15.6m (614")	381cm (150")	762cm (300")	-381cm (-150")	0 (0'

Projection Distance of Optional Lens 4 LL504 (Super long zoom) Screen Size a b C (inch) min. stack max. 1:1 10:0 1:1 10:0

40	3.1m (124")	4.4m (175")	5.8m (230")	30cm (12")	61cm (24")	-30cm (-12")	0 (0*
60	4.8m (188")	6.7m (265")	8.8m (348")	46cm (18")	91cm (36")	-46cm (-18")	0 (0"
70	5.6m (220")	7.9m (310")	10.3m (407")	53cm (21")	107cm (42")	-53cm (-21")	0 (0"
80	6.4m (253")	9.0m (355")	11.8m (466")	61cm (24")	122cm (48")	-61cm (-24")	0 (0*
100	8.1m (317")	11.3m (445")	14.8m (583")	76cm (30")	152cm (60")	-76cm (-30")	0 (0"
120	9.7m (382")	13.6m (535")	17.8m (701")	91cm (36")	183cm (72")	-91cm (-36")	0 (0"
150	12.1m (478")	17.0m (671")	22.3m (877")	114cm (45")	229cm (90")	-114cm (-45")	0 (0*
200	16.2m (640")	22.8m (896")	29.8m (1172")	152cm (60")	305cm (120")	-152cm (-60")	0 (0"
250	20.3m (801")	28.5m (1121")	37.2m (1466")	191cm (75")	381cm (150")	-191cm (-75")	0 (0"
300	24.4m (962")	34.2m (1346")	44.7m (1760")	229cm (90")	457cm (180")	-229cm (-90")	0 (0"
350	28.5m (1123")	39.9m (1572")	52.2m (2054")	267cm (105")	533cm (210")	-267cm (-105")	0 (0"
400	32.6m (1285")	45.6m (1797")	59.7m (2349")	305cm (120")	610cm (240")	-305cm (-120")	0 (0"
500	40.8m (1607")	57.1m (2248")	74.6m (2937")	381cm (150")	762cm (300")	-381cm (-150")	0 (0*

• Design and specifications are subject to change without notice.

The 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 listed on back







Hitachi, Ltd. Digital Media Division (Yokohama Plant) has received ISO 14001 certification.

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