LCD Projector

HITACHI
Inspire the Next



XGA 2,600 Lumens

Approximately 2.2kg (4.9 lbs.)

Compact projector packed full of practical functions for education or business





3LCD

LCD Projector

CP-RX93



LCD Projector CP-RX93

Eco Button

The Eco button allows you to switch quickly from Normal mode to Eco mode to decrease power consumption.



Built-in Front Air Exhaust

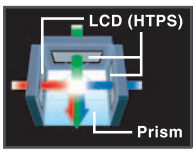
The CP-RX93 is designed to exhaust warm air from the front.





3 LCD Panels with Inorganic Alignment Layers

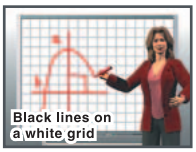
This projector incorporates three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.



Template Function*

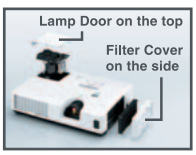
The Template function provides four types of lines, circles, and a world map with a center city that can be moved in 24-hour steps.

* Patent pending



Easy Maintenance

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



More Convenient Features

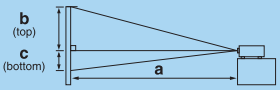
• Versatile Security Functions: Security Bar, PIN Lock and MyScreen Lock • Low Noise of 28dB*1 (Eco Mode) • Input Source Naming • Direct Power On/Off • My Button • My Memory • Daytime Mode • Blackboard or Whiteboard Modes at Picture Setting • Manual Vertical Keystone Correction • Closed Caption

*1 Typical. Tested in 23°C environmental conditions.

SPECIFICATIONS

Model name		CP-RX93
Liquid crystal panel		0.63 type (inch), 1.6cm polysilicon active-matrix TFT x 3
Number of pixels		786,432 pixels (H1024 x V768)
Resolution		1024 x 768 color pixels (XGA)
Manual zoom		x1.2
Lamp		200W UHB
Light output (brightness)		2,600 Lumens
Contrast ratio		1,000:1
Keystone correction		Manual Vertical Keystone
Power supply		AC100-120V/AC220-240V
Operating temperature		5-35°C (41-95°F)
Input signals	Computer input	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC16"
	Video input	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N, PAL (60Hz) 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60
Input/output terminals	Video input	Composite video: RCA jack x 1, Component video: via Dsub
	Computer input	Analog RGB: 15-pin Mini-Dsub x 1
Agency certifications		UL/cUL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, GOST-R
Dimensions (WxHxD)		306 x 77 x 221mm (12.05" x 3.03" x 8.7") [excluding protruding part]
Weight		Approximately 2.2kg (4.9 lbs.).
Standard accessories		Remote control (Part#: HL02771) with two AA batteries, Power cord, Computer cable, User's manuals
Optional accessories		Lamp: DT01151, Filter set: NJ27422, Laser remote control: HL02651 (RC-R008)

PROJECTION DISTANCE

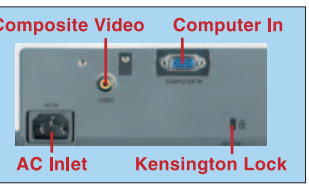


a: LCD projector-to-screen distance
b: Screen height from lens center to top
c: Screen height from lens center to bottom

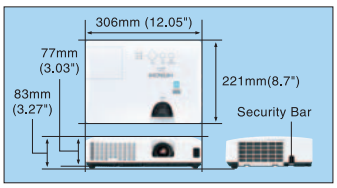
Screen Size (4:3 Screen)	a Min	a Max	b (top)	c (bottom)
30 type (inch), 0.8m	0.9m (34")	1.0m (40")	39cm (15")	7cm (3")
40 type (inch), 1.0m	1.2m (46")	1.4m (54")	52cm (21")	9cm (3")
50 type (inch), 1.3m	1.5m (58")	1.7m (68")	65cm (26")	11cm (4")
60 type (inch), 1.5m	1.8m (70")	2.1m (83")	78cm (31")	13cm (5")
70 type (inch), 1.8m	2.1m (82")	2.5m (97")	91cm (36")	15cm (6")
80 type (inch), 2.0m	2.4m (95")	2.8m (111")	105cm (41")	17cm (7")
90 type (inch), 2.3m	2.7m (107")	3.2m (125")	118cm (46")	20cm (8")
100 type (inch), 2.5m	3.0m (119")	3.5m (139")	131cm (51")	22cm (9")
120 type (inch), 3.0m	3.6m (143")	4.3m (167")	157cm (62")	26cm (10")
150 type (inch), 3.8m	4.6m (179")	5.3m (210")	196cm (77")	33cm (13")
200 type (inch), 5.1m	6.1m (240")	7.1m (280")	261cm (103")	44cm (17")
250 type (inch), 6.4m	7.6m (300")	8.9m (351")	327cm (129")	54cm (21")
300 type (inch), 7.6m	9.2m (361")	10.7m (422")	392cm (154")	65cm (26")

• Tolerance ±10% (for projection distance a) • Final specifications may vary slightly.

TERMINALS



DIMENSIONS



Consideration for the Environment

Compliance with EU Directive RoHS*1

*1 RoHS is the acronym of "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

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_2 emissions

Carton volume has been cut down to 71%*2, reducing CO_2 emissions during transport.

*2 Compared to Hitachi CP-X2511 projector on the basis of one carton box.

Power saving mode engaged during standby

Eco mode

Eco mode provides power saving.

- 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.
- All trademarks are the properties of their respective owners.

Remote control warning: Do not look into the laser beam. Class 2 laser product; maximum output 1mW; wavelength 650nm.

dnx pixelworks™

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