



A wide range of functions make lessons and presentations easier and more effective.



■ **High Brightness of 2,200 Lumens**

The CP-RX80 features high brightness of 2,200 Lumens. In classrooms or meeting rooms, it allows the projection of clear, detailed images.

■ **New Filter* and Easy Maintenance**

Thanks to the New Filter, maintenance and cleaning are much less frequent, making longer operation possible. Filter maintenance frequency has been improved from every 100 hours to every 1,000 hours. And the lamp door is on the top and the filter cover slides in and out from the front bottom, so maintenance and replacement of these parts can be done easily.

*In comparison to Hitachi CP-RX70.

• Actual filter maintenance necessity varies according to environment.



New filter



Lamp door on top

■ **Various Security Functions**

This projector is equipped with a security bar that allows the easy attachment of a security chain. Other security functions that provide theft protection include a Kensington Lock, PIN Lock and MyScreen PIN Lock.



Security bar

■ **A Wide Range of Terminals**

The CP-RX80 is equipped with Computer In, Video In and Audio In/Out terminals. It also has a Monitor Out, so you can see the projected images on your own computer, letting you face the audience without having to watch the screen.

■ **Low Noise of 29dBA (ECO Mode)**

Employing a new fan design, the projector achieves a low noise of 29dBA in ECO mode. With performance as quiet as a guest room in a fine hotel, it makes it easy to give lessons or presentations even in small size classrooms or conference rooms without noise distracting the audience.

■ **Template Function**

When projecting onto a whiteboard, blackboard and so on, this function projects lines, making writing on the board easier. You can choose four types of lines.



■ **Vertical Keystone Correction**

Keystone distortion occurs when the projector is inclined. This is manually detected by a gravity sensor inside the projector and corrected for.



CP-RX80

Other Features

- Power Saving Mode • Audio Pass Through • 4-Second Quick Start • Direct Power On/Off • My Button
- My Text • 3:2 Pull Down • Noise Reduction • Motion Adaptive Progressive Scan • Equalizing Gamma Function • Blackboard or Whiteboard Mode • Daytime Mode • Resolution Preset and Custom Modes
- Input Source Naming • New On-Screen Display (OSD) Menu Design* • My Source/Document Camera Button on Remote Controller • Serial No. Label on Side • Closed Caption (US Only)

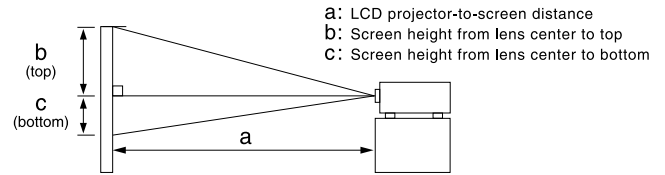
*In comparison to Hitachi CP-RX70.



SPECIFICATIONS

Model name	CP-RX80
Liquid crystal panel	0.63" (1.6cm) polysilicon active-matrix TFT x 3
Number of pixels	786,432 pixels (H1,024 x V768)
Resolution	1,024 x 768 color pixels (XGA)
Lens	Manual zoom 1:1.2
Lamp	210W UHP
Brightness	2,200 ANSI Lumens
Contrast ratio	500:1
Audio	1W mono
Acoustic noise	29dBA in ECO mode
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, SXGA, SXGA+, UXGA, MAC16" NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL, PAL60 HDTV: 720p, 1080i SDTV: 480i, 480p, 576i, 576p
Input/output terminals	Video input: S-Video: Jack x 1, Composite video: RCA jack x 1, Component video: 15-pin Mini-Dsub x 1 (shared with computer input) Audio input: Stereo Mini jack x 1 Computer input: Analog RGB: 15-pin Mini-Dsub x 1 Audio output: Stereo Mini jack x 1 Monitor output: Analog RGB: 15-pin Mini-Dsub x 1
Agency certifications	UL60950/C-UL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, RoHS
Dimensions (WxHxD)	317 x 98 x 288mm (12.48" x 3.86" x 11.34") [excl. protruding part]
Weight	3.2kg (7.1 lbs.)
Standard accessories	Computer cable, Remote Control, Batteries, Power cord, User's manual
Optional accessories	Lamp: DT01022, Air filter: N2J6302, Mounting accessory: HAS-3010 (Bracket for ceiling mount), HAS-204L (Fixing adaptor for low ceilings), HAS-304H (Fixing adaptor for high ceilings)

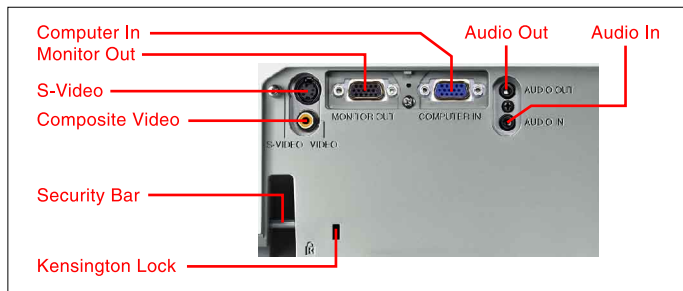
PROJECTION DISTANCE



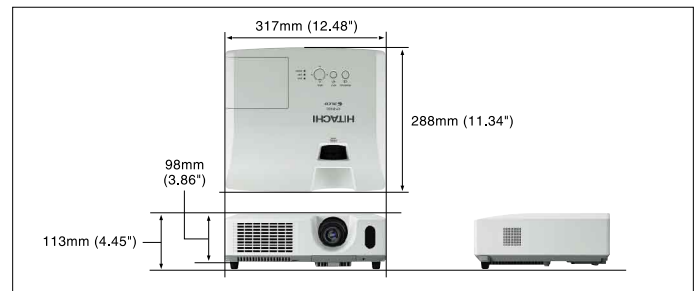
Screen Size (inch)	a Min	a Max	b (top)	c (bottom)
30	0.8m (33")	1.0m (40")	38cm (15")	8cm (3")
40	1.1m (45")	1.4m (54")	51cm (20")	10cm (4")
50	1.4m (56")	1.7m (68")	64cm (25")	13cm (5")
60	1.7m (68")	2.1m (82")	76cm (30")	15cm (6")
70	2.0m (80")	2.4m (96")	89cm (35")	18cm (7")
80	2.3m (91")	2.8m (110")	102cm (40")	20cm (8")
90	2.6m (103")	3.1m (123")	114cm (45")	23cm (9")
100	2.9m (114")	3.5m (137")	127cm (50")	25cm (10")
120	3.5m (137")	4.2m (165")	152cm (60")	30cm (12")
150	4.4m (172")	5.2m (207")	191cm (75")	38cm (15")
200	5.8m (230")	7.0m (276")	254cm (100")	51cm (20")
250	7.3m (287")	8.8m (345")	318cm (125")	64cm (25")
300	8.8m (345")	10.5m (414")	381cm (150")	76cm (30")

* Final specifications may vary slightly. * The distance is for 4:3 aspect ratio.

TERMINALS



DIMENSIONS



Environmentally Friendly Products and Services

Use of environmentally friendly materials

- In compliance with RoHS 6 restricted materials, unleaded solder and harmless substitutes of hexavalent chrome in screws and steel sheets are used.
- No use of bromine or halogen incombustible compounds in cabinets.
- Use of paint-less cabinets.
- No use of vinyl chloride in mechanical parts.
- Use of recyclable carton boxes.

Reduction of resin usage in production

Use of hot runner molds for making cabinets in order to reduce mill ends.

- This catalog is printed on recycled paper and using environmentally friendly soy-based ink.

Reduction of CO₂ emissions*

Carton size has been reduced, so 20 percent more cartons can be carried with each load, reducing CO₂ emissions during transport.

* Compared to Hitachi CP-X201.

Power saving mode engaged during stand-by

ECO mode

ECO mode provides power saving according to usage conditions.

Facilitating separation of recyclables

Raw materials indicated on plastic parts.

• 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.

HITACHI

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