

# CP-RX78

INNOVATE  
The Future of Projection



## MULTI PURPOSE LCD PROJECTOR

For the highest quality image, look no further than the CP-RX78. This affordable projector is built with the exacting standards you've come to expect from Hitachi. So versatile it can be used in a variety of settings, fitting perfectly into any environment.

- XGA resolution
- 2200 ANSI Lumens
- Long lamp life - 6000 hours (Eco Mode)\*
- Quick ON and Instant OFF
- Low noise level - 29dB in Whisper Mode
- Input Source Naming
- Blackboard and Whiteboard Modes
- My Button
- Anti Theft features:
  - PIN-Lock
  - MyScreen PIN-Lock
  - My Text Lock
  - Keypad Lock

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# CP-RX78 Technical specifications

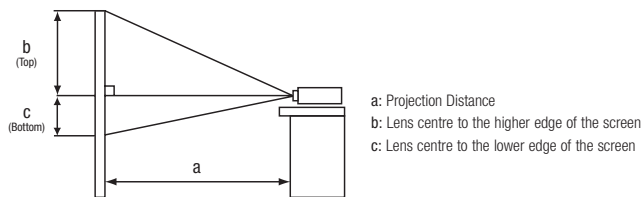
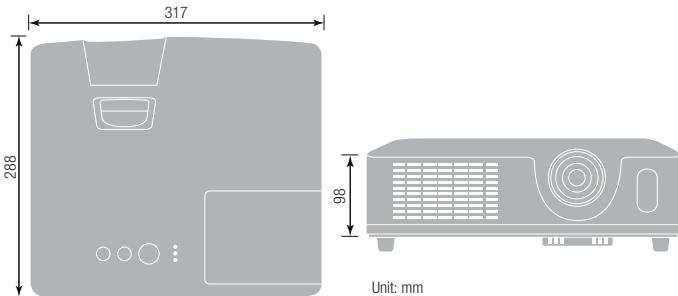


Image Size 4:3				
Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	0.8	1.0	38	8
40" (1.0)	1.1	1.4	51	10
50" (1.3)	1.4	1.7	64	13
60" (1.5)	1.7	2.1	76	15
100" (2.5)	2.9	3.5	127	25
150" (3.8)	4.4	5.2	191	38
200" (5.1)	5.8	7.0	254	51
250" (6.4)	7.3	8.8	318	64
300" (7.6)	8.8	10.5	381	76



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\*The stated lamp life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps should achieve this figure.  
\*\* A free replacement lamp will be issued if the original lamp is less than 6 months old and it has been used for less than the hours stated on the warranty.  
The specification above and photography is for reference only and may be subject to change.

## OPTICAL

LCD Panel		0.63" P-Si TFT x 3
Resolution		XGA
Brightness	Normal Mode	2200 ANSI Lumens
	Eco Mode	1600 ANSI Lumens
Contrast ratio		400:1
Lens		f=19~22mm, manual focus, manual zoom x 1.2
Lamp		190W UHB
Lamp life		3000 hours (Normal Mode)/6000 hours (Eco Mode)*
Focus distance		0.8~8.8m (Wide), 1.0~10.5m (Tele)
Distance to width ratio (:1)		1.4 (Wide), 1.7 (Tele)
Diagonal display size		30~300" (60"@1.7m, Wide)
Number of colours		8 Bit/colour, 16.7M colours
Keystone		5:1 upward shift, fixed

## COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, MAC 16"
Plug & Play	DDC2B
Video compatibility	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60 SDTV: 480i, 480p, 576i, 576p HDTV: 720p (@50/60Hz), 1080i (@50/60Hz), 1080p (@50/60Hz)

## FEATURES

Basic functions	Freeze, Magnify, Blank, Aspect selection (Video: 4:3/16:9/14:9, Data: Normal/4:3/16:9/16:10, Normal mode keeps the original aspect ratio of the signal), mirror reverse image, upside down image
Picture adjustments	Equalizing Gamma Correction, Equalizing Colour Temperature Adjustment, Picture Mode (Normal, Cinema, Dynamic, Blackboard/Greenboard/Whiteboard, Daytime), Progressive Scan (Video, Component video for 535i(480i), 635i(576i)), Overscan (Video, Component video signal), 2-3 Pull Down (for NTSC), Noise Reduction
Digital Keystone	Auto Vertical Keystone ±30degrees (@XGA 60Hz)
Advanced Features	Template, MyScreen, My Memory, My Button, My Text, My Source, Overscan (Video, S-Video, Component signal), Resolution Preset and Custom Modes, Frame Lock (Data signal with vertical frequency of 50 to 60Hz), Input Source Naming, filter timer (selectable interval time to show a message for filter clean up)
Outward	Easy lamp replace from top, air filter slides from bottom to front
Power on & off	Direct on, auto off
Security systems	Security bar, PIN-Lock, MyScreen PIN-Lock, Transition Detector, My Text Lock, Keypad Lock
OSD Languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)

## CONNECTIONS

Computer input	1 x 15-pin Mini D-sub
Video input	1 x RCA Jack (for composite)

## POWER

Power supply	100-120V/220-240V, auto switching
Power Consumption/Standby	250W/<5W

## PHYSICAL

Dimensions (W x H x D)	317 x 98 x 288mm (excluding feet and extrusions)
Weight	3.2Kg
Noise level	29dB (Whisper Mode)/36dB (Normal Mode)
Air filter	Urethane
Filter cleaning cycle	1000 Hrs (Normal Mode)

## MISCELLANEOUS

Lamp indicator light, Power light, Ceiling mount image, Rear projection image

## CERTIFICATION

EN60950-1 (Low voltage directive) EN61000-3-2, EN61000-3-3, EN55022, EN55024 (EMC directive)

## ACCESSORIES SUPPLIED

Remote control with batteries, Computer cable, Power cord, User manual (detail & concise)

## OPTIONAL ACCESSORIES

Replacement lamp	DT01022
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## WARRANTY

Projector warranty	3 Years
Lamp warranty	6 Months/6000hours**

## Image Size 16:9

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	0.9	1.1	35	2
40" (1.0)	1.2	1.5	47	3
50" (1.3)	1.6	1.9	59	3
60" (1.5)	1.9	2.3	71	4
100" (2.5)	3.2	3.8	118	7
150" (3.8)	4.8	5.7	176	10
200" (5.1)	6.4	7.6	235	14
250" (6.4)	8.0	9.6	294	17
300" (7.6)	9.5	11.5	353	21

