



Fully-featured, ultra-portable projector delivers sharper, brighter images at a low operating cost.



The color light output spec measures the brightness of red, green, and blue, which create all the possible spectrum of colors. Smooth, seamless colors combined with an unparalleled grayscale range delivers incredible detail to every image displayed by a Hitachi 3LCD projector.



2,600 lumens of white light output in conjunction with equal color light output project bright, clear, true to life images in any classroom or conference room.



The Eco button allows you to switch quickly from standard mode to Eco mode or Intelligent Eco mode to decrease power consumption.



Intelligent Eco mode automatically changes the brightness of the lamp according to the brightness level of the image, saving lamp life and energy. The lamp becomes brighter when the level is high and darker when the level is low.

Advantage Highlights

- Front Air Exhaust
- Input Source Naming
- HDMI (HDCP Compliant)
- Transition Detector and Security Bar
- Power Saving Mode
- Standby Audio
- Template Function
- Whiteboard Mode
- IR Remote Frequency Change
- MyButton / MySource - Doc Camera
- PIN Lock / MyScreen / MyText
- Serial Number Label on Side
- Closed Captioning

Specification Highlights

- Color Light Output: 2,600 Lumens
- White Light Output: 2,600 Lumens
- XGA Resolution (1024 x 768)
- 2000:1 Contrast Ratio (Using Active Iris)
- 5.1 Lbs.
- Long Life Filter (1,000 Hours Between Maintenance)
- 5,000 Hour Lamp Life (Eco Mode)*
- 1 Watt Audio Output
- HDMI / Component / Composite / S-Video
- 30 dB (Eco Mode)
- CC1, CC2, CC3, CC4

* Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.



5,000 Hour Lamp Life (Eco mode)*



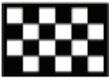
Another key to low total cost of ownership is a long life lamp. The lamp is rated at 3,000 hours in standard mode and 5,000 hours in Eco mode.

Long Life Filter (1,000 hours between maintenance)**



Hitachi's long life filter provides dust protection for up to 1,000 hours.

2000:1 Contrast Ratio



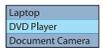
Contrast can be automatically controlled through an active iris to add depth perspective during both bright and dark scenes.

Built-In Front Air Exhaust



The CP-RX94 is designed to exhaust warm air forward away from the audience.

Input Source Naming



Users can name input sources in simple language instead of factory default name. **Exclusive to Hitachi.**

HDMI Input (HDCP)



Digital connectivity allows for highest image quality from your HD device. Compliancy with HDCP.

Transition Detector and Security Bar



A security sensor located inside the projector recognizes when the projector has been moved. Moving the projector without using the correct PIN Code will disable the projector.

Power Saving Mode



Power saving mode reduces the standby power consumption to .5W.

Standby Audio Mode



The projector can output audio in standby mode allowing you to listen to internal speakers via the projector audio output.

Template Function



Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.



Whiteboard Mode



Limits the peak white by changing the gamma curve limiting its brightness when used with a whiteboard to protect the eye health of teachers and students. **Exclusive to Hitachi.**

IR Remote Frequency Change



To avoid conflict with fluorescent lights or IrDA (IR Signal) from notebook PC, the frequency of the IR remote control can be changed from the menu. **Exclusive to Hitachi.**

MyButton / MySource - Doc Camera



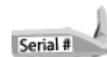
Two customizable buttons on the remote control allow users to create a shortcut for any projector command such as: Direct input (RGB1, S-video, etc.), picture mode or filter reset. For connection to a document camera, MySource allows users to add a third document camera source button.

PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set a school's name or company's logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

Serial Number Label on Side



A label is affixed to side of projector to more easily access and read the model name and serial number while mounted in ceiling use. This is a convenience for installers, end user and auditors for instant accessibility.

Closed Captioning



Closed captioning lets viewers see captions that tell them what is being said or heard on the projector. Support modes CC1, CC2, CC3, CC4.

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** Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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Projection Throw Chart

Screen Size 4:3

Screen Size*		Throw Distance*	
Diagonal*	Width*	Min*	Max*
30	24	34	40
60	48	70	83
80	64	95	111
100	80	119	139
120	96	143	167
150	120	179	210
200	160	240	280
300	240	361	422

Throw Ratio: 1.5-1.7:1 (distance : width)
*Measured in inches

Disclaimer: Please use this throw distance calculator for reference purpose only. For permanent installation purpose, we recommend that you assume 10% calculation margin of error or to test the unit on site.

Input/Output Terminals



HDMI HDMI

Specifications

Resolution	
RGB	1024 dots X 768 lines
Video	540 TV lines
Liquid Crystal Panel Structure	0.63" polysilicon active-matrix TFT x 3
Number of Pixels	786,432 pixels
Colors	16.7 million colors
Aspect Ratio	Native 4:3/16:9 and 16:10 compatible
Lens	Manual zoom x 1.2
Throw Ratio (distance : width)	1.5-1.7 :1
Lamp	215W @ Intelligent Eco mode
Color Light Output	2,600 lumens
White Light Output	2,600 lumens
Expected Lamp Life	Approximately 3,000 hours (standard); 5,000 hours (Eco mode)*
Contrast Ratio	2000 : 1 (using active IRIS)
Speaker Output	1W
Power Supply	AC100 - 120V / AC220 - 240V 50/60 Hz power
Power Consumption	320W
Operating Temperature	41°F - 95°F (5°C - 35°C)
Input Signals	
RGB	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"
Composite Video	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N
Component Video	480i, 576i, 480p, 720p, 1080i, 1080p
Acoustic Noise Level	37 dB (30 dB in Eco mode)
H-Sync	15 Hz - 106 Hz
V-Sync	50 kHz - 120 kHz
Vertical Keystone	+ / - 30°
Approvals	UL, C-UL, FCC, CE, RoHS
RGB Input	
Analog RGB	RGB1 and RGB2 capable of component video. RGB2 doubles as a monitor out port.
RGB Output	
RGB	Shared with analog computer in 2 and analog component video in
Digital Input	HDMI x 1 (HDCP compliant)
Video Input	
S-Video	Mini DIN 4-pin connector x 1
Composite Video	RCA jack x 1
Component Video	15 pin D-sub shrink x 1 shared with analog computer in and analog computer out
Audio	
Input	3.5mm stereo mini jack x 1
Output	3.5mm stereo mini jack x 1
Dimensions (W x D x H)	12.05" x 8.7" x 3.03"
Weight	5.1 lbs.
Closed Caption	CC1, CC2, CC3, CC4. T1, T2, T3, T4
Supplied Accessories	Remote control, batteries (AA), RGB cable, US power cord, multiple language operator / safety manual, security label
Replacement Parts	
Lamp	CPRX94LAMP (DT01241)
Remote Control	HL02771
Filter	NJ27424



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