

360° Advantages: CPX8

HITACHI
Inspire the Next



Portable Series



3LCD Technology



Hitachi Trade-Up Program



3 Year Warranty

HDMI HDMI



Closed Captioning



Portable Series

Audio Pass Through

Allows you to listen to external speakers via the projector's audio output in Standby Mode

Long Life Filter*

The projector provides users with a lower total cost of ownership by offering less frequent maintenance

Power Saving Mode

Reduces power consumption to less than 0.5W

Blank / MyButton

Default Blank Button hides the projected image or can be changed to a shortcut for any projector command



Template Function

Four line templates in the projector can help when writing on a whiteboard

Transition Detector and Security Bar

A security sensor recognizes when the projector has been moved

Compact, Portable Design

Compact in design and lightweight! Easy to carry and is a perfect travel solution for any presenter on the road

Input Source Naming

Users can name sources in simple language instead of factory default name

Whiteboard Mode

Limits peak white by reducing brightness to protect eye health

Exclusive to Hitachi



Whiteboard Mode



Template Function



Input Source Naming

Advantages

.5 Watt Power Consumption in Standby Saving Mode

Auto Eco Mode

Front Air Exhaust

Soft Carry Case Included

Audio Pass Through

Audio Output

Air Filter on Side for Easy Access

Template Function

Instant On/Off

PIN Lock Security and Security Bar

White Board/Blackboard Modes

30dB Eco Mode

Blank/MyButton

Specification Highlights

Brightness: 2,700 ANSI Lumens

Color Light Output: 2,700 ANSI Lumens

XGA Resolution (1024 x 768)

500:1 Contrast Ratio

5,000 Hour Hybrid Filter

Lamp Life 3,000 hours (normal) 4,000 hours (Eco Mode)**

1W Audio Output

HDMI Input (HDCP Compliant)

4.96 lbs.

Closed Caption: CC1, CC2, CC3, CC4

* 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.

** 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.

2,700 ANSI Lumens



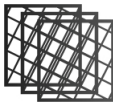
Project a clear image in any classroom or conference room.

Color Light Output: 2,700 ANSI Lumens



Project bright, true to life colors in any classroom or conference room.

Hybrid Filter (5,000 Hours between maintenance)*



The hybrid filter requires less frequent maintenance and cleaning, making longer operation possible.

4,000 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 4,000 hours in Eco mode.

Audio Output



1W Audio Output eliminates the need to connect external speakers.

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**

Input Source Naming



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

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.

Closed Captioning



CC1, CC2, CC3, CC4

HDMI Input (HDCP)



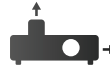
With signals transferred completely in the digital domain, your presentations are assured of the highest image quality.

Compact, Portable Design



Compact in design and lightweight! Easy to carry and is a perfect travel solution for any presenter on the road.

Easy Maintenance



Easy Maintenance is another attractive function, as the lamp door is on top of the model and the filter slides to the front.

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.

Exclusive to Hitachi

Front Air Exhaust



The projector is designed to exhaust warm air from the front.

Blank / 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. Blank / MyButton on projector allows user to stop light output or customize to any projector shortcut.

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 start up screen, such as model name, serial number, or location.

Serial Number Label on Side



It is convenient for users or auditors to be able to check the model name and serial number of an asset easily when the product is ceiling mounted. The label is upside-down and easily viewable for ceiling-use.

Audio Pass Through



Audio can be passed through the projector's audio output to external speakers while in standby mode (lamp off). This provides lamp and energy savings when you only need sound.

Power Saving Mode



The Saving Mode reduces the stand-by power consumption to 0.5W when using 120 volts with limitation of some features.



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Key Features

- 2,700 ANSI Lumens
- Native XGA Resolution
- Hybrid 5,000 Hour Filter
- HDMI Input (HDCP Compliant)
- 4.96 Lb. Compact Design
- .5 Watt Power Consumption In Standby Saving Mode
- Auto Eco Mode
- Front Air Exhaust
- Soft Carry Case Included
- Audio Pass Through
- Audio Output
- Air Filter on Side and Lamp Door on Top for Easy Access
- Template Function
- Instant On/Off
- PIN Lock Security
- White Board/Blackboard Modes
- 30dB Eco Mode
- Blank/MyButton



Specifications

Model Name	CPX8 Series
Liquid Crystal Panel Structure	0.63" polysilicon active-matrix TFT x 3
Number of Pixels	786,432 pixels
Resolution	540 TV lines
Video	1024 dots X 768 lines
RGB	16.7 million colors
Colors	Native 4:3/16:9 compatible
Aspect Ratio	Manual zoom / focus 1.2X (f=16.4~19.6mm)
Lens	1.3 - 1.5 : 1
Throw Ratio (distance : width)	200W UHP
Lamp	2,700 ANSI Lumens
Brightness	2,700 ANSI Lumens
Color Light Output	Approximately 3,000 hours (normal) 4,000 hours (Eco Mode)
Expected lamp Life**	500 : 1
Contrast Ratio	1W
Speaker Output	AC100 - 120V / AC220 - 240V 50/60 Hz
Power Supply	290W (0.5W @ standby in Power Saving Mode)
Power Consumption	5°C - 35°C (41°F - 95°F)
Operating Temperature	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC 16"
Input Signals	Composite Video
RGB	Component Video
Acoustic Noise Level	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N, PAL60
H-Sync	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
V-Sync	37 dB (30 dB in Eco Mode)
Vertical Keystone	15 k - 106 kHz
Approvals	50 Hz - 120 Hz
RGB Input	+ / - 30°
RGB Output	UL, C-UL, FCC, CE, RoHS
Digital Input	15pin Mini-Dsub x 1
Video Input	15pin Mini-Dsub x 1
S-Video	HDMI x 1 (HDCP Compliant)
Composite Video	Mini DIN 4-pin connector x 1
Component Video	RCA jack x 1
Audio	Shared with RGB
Input	Stereo Mini x 2
Output	Stereo Mini x 1
Control Terminals	9-pin D-sub connector x 1 (RS-232 control)
Dimensions (W x D x H)	12.0" x 8.7" x 3.0"
Weight	4.96 lbs.
Additional Features	My Screen, My Memory, My Button, My Text, My Source, Blackboard/Whiteboard Mode, Daytime Mode, Input Source Naming(English), Resolution Setting, Template, Closed Caption(for NTSC only), Audio Pass Through
Supplied Accessories	Remote Control, Batteries (AA), RGB cable, US Power Cord, Multiple Language Operator / Safety Manual, Security Label, Lens Cap, Soft Case
Projector Part #	CPX8
Lamp Part #	CPX2020LAMP (DT01141)
Remote Control Part #	HLO2771
Filter Part #	UX36761



Aspect Ratio 4:3

Screen Size*		Throw Distance*	
Diagonal*	Width*	Min*	Max*
30	24	29	35
60	48	60	72
80	64	80	97
100	80	101	121
120	96	121	146
150	120	152	183
200	160	203	244
300	240	305	367

Throw Ratio: 1.3 - 1.5:1 (distance : width)

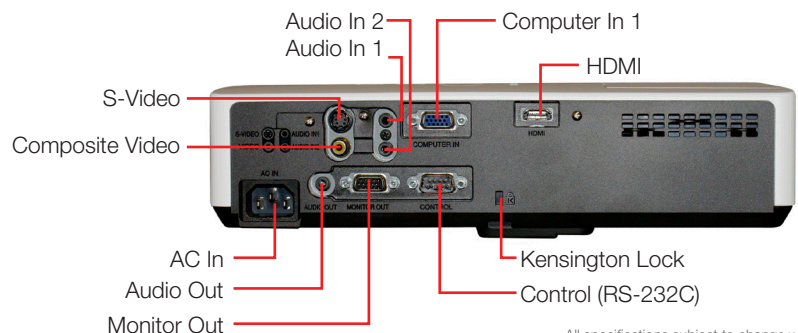
*Measured in inches

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

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For sales information, please call 800.225.1741
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