

HITACHI

Inspire the Next



LCD PROJECTOR

CP-X251

■ High Brightness of 2,000 ANSI Lumens

With outstanding brightness of 2,000 ANSI Lumens, you can use the CP-X251 to teach classes and make presentations without having to darken the room.

■ PIN Lock and My Screen PIN Lock

PIN Lock protection limits the number of people who can use the projector. My Screen PIN Lock allows a certain image to be used as the startup screen. Using a school name or company logo, for example, makes it clear who owns the projector to prevent misuse.



PIN Lock



My Screen PIN Lock

■ Security Bar

The Security Bar allows the projector to be attached via a heavy chain to prevent theft. A Kensington slot is also provided.



■ My Button

There are two user programmable buttons called My Buttons that can be set with any command in the Select menu, such as S-Video direct input, Picture Mode or Filter Reset. This gives you fast access to frequently used functions.



■ Transition Detector

A new security function that operates when the projector angle or settings are changed from the installed positions.

■ Input Source Naming

The name of any input source can be changed from the default name to one of your own choosing.



■ Resolution Preset and Custom Mode

Using the Preset mode, special resolution and wide resolution images such as WXGA will be automatically re-sized and placed in the optimum position. The Custom mode can be used to set any desired resolution to obtain the perfect image.



■ Quick Start and Shut Down

Startup is so fast that the image appears only four seconds after you turn the power on. And this projector is able to shut down the main power during the cooling period.* So you spend less time waiting for startup and until you can put the unit away.

* Do not turn projector on again for one minute 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.

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Whiteboard Mode and Blackboard Mode

Images displayed on whiteboards may be too bright, so the Whiteboard Mode changes the gamma curve to reduce the white peak. This lets you enjoy the benefits of a bright projector while limiting brightness to protect the eyes of students and others who may be viewing the whiteboard. The Blackboard Mode provides better color balance when projecting images onto colored backgrounds. Green and pure black modes are supported.



Auto Vertical Keystone

Just push the Keystone button on the remote control for automatic correction of vertical keystone distortion. This helps make troublesome screen settings easy so you can smoothly begin projection.

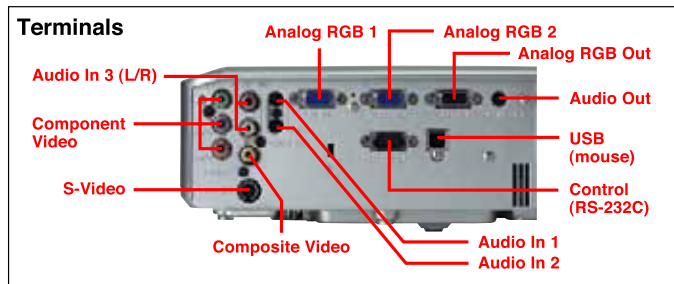


Other Features

- Motion Adaptive Progressive Scan • 3:2 Pull Down • Noise Reduction
- Hitachi Equalizing Gamma Function • Security Label Included • Lamp Door on Top • Serial # Label on Side (up-side down for ceiling mount)

Full Connectivity

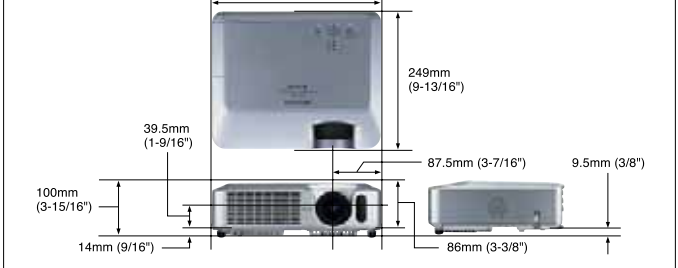
The CP-X251 is equipped with a wide variety of terminals including two RGB inputs and three selectable audio inputs.



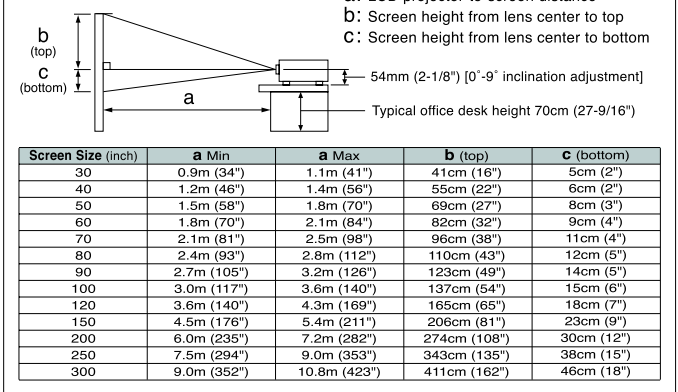
SPECIFICATIONS

| | | |
|--------------------------------|--|---|
| Model name | CP-X251 | |
| Liquid crystal panel structure | 0.6" polysilicon active-matrix TFT x 3 (with Micro-lens) | |
| Number of pixels | 786,432 pixels (V768 x H1,024) | |
| Resolution | 1,024 x 768 color pixels | |
| Lens | Manual zoom (F=1.7-1.9) 1:1.2 | |
| Lamp | 200W UHB | |
| Brightness | 2,000 ANSI Lumens | |
| Contrast ratio | 500:1 | |
| Speakers | 1W x 1 | |
| Keystone correction | Auto V Keystone | |
| Power supply | AC100-120V/AC220-240V | |
| Operating temperature | 5-35°C (41-95°F) | |
| Input signals | RGB input | VGA, SVGA, XGA, SXGA, UXGA, MAC16" |
| | Video input | NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL HDTV: 720p (720p), 1125i (1080i) SDTV: 525i (480i), 525p (480p), 625i (576i) |
| | S-Video | Jack x 1, Composite video: RCA jack x 1, Component video: RCA jack x 3 |
| Input/output terminals | Audio input | RCA jack x 1 (L/R), Stereo-mini jack x 2 |
| | RGB input | Analog RGB: 15-pin Mini-Dsub x 2 |
| | Audio output | Stereo-mini jack x 1 |
| | RGB output | Analog RGB: 15-pin Mini-Dsub x 1 |
| | Control and mouse | 9-pin Dsub x 1 for RS232C, USB x 1 for mouse |
| Agency certifications | UL60950/C-UL, FCC Part 15, Class B, CE, EN60950 | |
| Dimensions (WxHxD) | 306 x 86 x 249mm (12-1/16" x 3-3/8" x 9-13/16") [excl. protruding part] | |
| Weight | 3.0kg (6.6 lbs.) | |
| Standard accessories | RGB cable, Remote control (no laser pointer), Batteries, Safety instruction, Quick guide, Power cord, Composite cable, Soft case 14-language user's manual, Security label, AV cable | |

DIMENSIONS



PROJECTION DISTANCE



• Design and specifications are subject to change without notice.

- The 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], contrast-up film) 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.

HITACHI

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Hitachi, Ltd. Digital Media Division (Yokohama Plant) has received ISO 14001 certification.