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Hitachi CP-X4022WN

Hitachi Collegiate Series XGA 4000 Lumens Projector

Model: CP-X4022WN

Introduction

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Hitachi Collegiate Series XGA 4000 Lumens Projector, Model CP-X4022WN. Please read this manual thoroughly before using the projector and retain it for future reference.



Front view of the Hitachi CP-X4022WN projector, showing the lens, ventilation, and Hitachi branding.

Setup

1. Unpacking and Inspection

- Carefully remove the projector and all accessories from the packaging.
- Verify that all components listed in the packing list are present.
- Inspect the projector for any signs of damage during transit. If damage is found, contact your dealer immediately.

2. Placement

- Place the projector on a stable, level surface or mount it securely to a ceiling.
- Ensure adequate ventilation around the projector. Do not block air vents.
- Position the projector at an appropriate distance from the screen to achieve the desired image size.

3. Connecting Devices

The projector offers various input ports for connecting external devices.



Rear view of the Hitachi CP-X4022WN projector, displaying a variety of input and output ports including HDMI, VGA, USB, and audio connections.

- **Power Connection:** Connect the power cord to the AC IN port on the side of the projector and then to a grounded electrical outlet.



Side view of the Hitachi CP-X4022WN projector, highlighting the AC power input port.

- **Video Inputs:**
  - Connect your computer or video source to the appropriate HDMI, VGA (COMPUTER IN), or Composite Video ports.
  - Ensure cables are securely fastened.
- **Audio Inputs:**
  - Connect audio cables from your source device to the corresponding audio input jacks (AUDIO IN).
- **USB:** Use the USB port for connecting compatible devices or for firmware updates.

Operating Instructions

1. Powering On/Off



Top view of the Hitachi CP-X4022WN projector, showing the control panel with power, input, menu, and navigation buttons, along with indicator lights.

- **To Power On:** Press the **STANDBY/ON** button on the control panel or remote control. The power indicator light will turn green.
- **To Power Off:** Press the **STANDBY/ON** button again. A confirmation message may appear. Press it a second time to confirm shutdown. The power indicator light will turn orange.
- *Note:* Allow the projector to cool down completely before unplugging it or moving it.

2. Input Selection

- Press the **INPUT** button on the control panel or remote control to cycle through available input sources (e.g., HDMI, Computer 1, Video).
- Alternatively, use the dedicated input buttons on the remote control if available.

3. Menu Navigation

- Press the **MENU** button to open the On-Screen Display (OSD) menu.
- Use the arrow buttons (▲ ▼ ◀ ▶) to navigate through menu options.
- Press **ENTER** or the right arrow button to select an option or enter a sub-menu.
- Press the **MENU** button again to exit the OSD menu.

4. Image Adjustment

- **Focus Ring:** Rotate the focus ring on the lens to sharpen the image.
- **Zoom Ring:** Rotate the zoom ring on the lens to adjust the image size.

- **Keystone Correction:** Use the Keystone Correction function in the OSD menu to correct trapezoidal distortion if the projector is not perfectly perpendicular to the screen.
- **Picture Mode:** Adjust brightness, contrast, color, and other picture settings via the OSD menu.

Maintenance

1. Cleaning the Projector

- **Cabinet:** Wipe the projector cabinet with a soft, dry, lint-free cloth. For stubborn dirt, use a cloth lightly dampened with water and a mild detergent, then wipe dry.
- **Lens:** Use a lens cleaning cloth or lens paper specifically designed for optical surfaces. Do not use abrasive cleaners or solvents.
- **Air Filter:** Regularly clean the air filter to prevent overheating and maintain optimal performance. Refer to the OSD menu for filter usage time.

2. Lamp Replacement

The lamp has a finite lifespan and will need replacement when its brightness diminishes significantly or if the lamp indicator light illuminates.

- **Warning:** Allow the projector to cool down for at least 45 minutes before attempting lamp replacement. The lamp can be extremely hot.
- Unplug the power cord.
- Locate the lamp cover (refer to the diagram in the full user manual for exact location).
- Remove the screws securing the lamp cover and carefully open it.
- Unscrew the lamp module and gently pull it out.
- Insert the new lamp module, ensuring it is seated correctly.
- Secure the new lamp with screws and replace the lamp cover.
- Reset the lamp timer in the OSD menu after replacement.

Troubleshooting

This section addresses common issues you might encounter. For more detailed troubleshooting, consult the full user manual or contact customer support.

Problem	Possible Cause	Solution
No image displayed	• Power cord not connected • Incorrect input source selected • Source device not powered on or connected	• Ensure power cord is securely connected. • Press the INPUT button to select the correct source. • Check source device power and cable connections.
Image is blurry	• Lens out of focus • Projector too close/far from screen	• Adjust the focus ring on the lens. • Adjust the projector's distance or use the zoom function.
Projector overheats and shuts down	• Blocked air vents • Dirty air filter	• Ensure proper ventilation around the projector. • Clean or replace the air filter.

Specifications

Feature	Detail
Manufacturer	Hitachi
Part Number	CP-X4022WN
Item Weight	16.01 pounds
Product Dimensions	21.5 x 16.5 x 8 inches
Item Model Number	CP-X4022WN
Wattage	464 watts
Sound Level	35 dB
Mounting Type	Tabletop Mount
Special Features	speakers
Connectivity Technology	USB
Display Resolution	1024 x 768 (XGA)
Form Factor	Portable
Lumens	4000 Lumens (as per product title)

Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Hitachi website. Keep your proof of purchase for warranty claims.
For technical support, service, or inquiries regarding your Hitachi projector, please contact Hitachi customer service. Contact details can typically be found on the Hitachi official website or within the product packaging.

- **Online Support:** Visit the official Hitachi support website for FAQs, driver downloads, and additional resources.
- **Phone Support:** Refer to the Hitachi website for regional contact numbers.

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