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Hitachi CP-X444

Hitachi CP-X444 LCD Projector Instruction Manual

Model: CP-X444

1. Introduction

Welcome to the instruction manual for your Hitachi CP-X444 LCD Projector. This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your projector. Please read this manual thoroughly before using the projector and keep it for future reference.

2. Safety Information

Always observe the following safety precautions to prevent fire, electric shock, or injury.

- **Power Source:** Use only the power supply indicated on the projector's label.
- **Ventilation:** Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- **Heat:** The projector lamp becomes very hot during operation. Allow the projector to cool down before handling or performing maintenance.
- **Lamp Replacement:** Refer to the maintenance section for safe lamp replacement procedures. Do not touch the lamp immediately after use.
- **Liquid and Moisture:** Do not expose the projector to rain or moisture. Do not place objects filled with liquids on the projector.
- **Cleaning:** Unplug the projector from the power outlet before cleaning. Use a soft, dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. Package Contents

Please check that all items are included in the package. If any items are missing or damaged, contact your reseller immediately.

- Hitachi CP-X444 LCD Projector
- Power Cord
- Remote Control (with batteries)
- VGA Cable
- User Manual (this document)

4. Product Overview

Familiarize yourself with the various parts and controls of your Hitachi CP-X444 projector.

4.1 Front View



Figure 4.1: The front of the Hitachi CP-X444 projector, showing the main lens, ventilation grilles on the side, and adjustable feet. The Hitachi logo is visible on the front right.

4.2 Top View and Control Panel



Figure 4.2: The top surface of the projector, featuring the control panel with buttons for power, menu navigation (up, down, left, right, enter), input selection, keystone correction, and reset. Indicator lights for Lamp, Temp, and Power are also visible.

4.3 Rear View and Connection Ports



Figure 4.3: The rear panel of the projector, displaying various input and output ports. These include RGB IN 1 (VGA), RGB IN 2 (VGA),

RGB OUT, Composite Video, S-Video, Component Video, Audio IN (RCA and 3.5mm), Audio OUT, and the AC power inlet with a main power switch.

5. Setup

5.1 Placement

Place the projector on a stable, flat surface. Ensure there is sufficient space around the projector for proper ventilation (at least 30 cm from walls or other objects). Avoid direct sunlight or heat sources. The projector can be placed on a tabletop or mounted to the ceiling (mounting hardware sold separately).

5.2 Power Connection

1. Connect the supplied power cord to the AC IN port on the rear of the projector.
2. Plug the other end of the power cord into a grounded electrical outlet.
3. Ensure the main power switch (located near the AC IN port) is in the 'ON' position.

5.3 Connecting Input Sources

The CP-X444 supports various input sources. Refer to Figure 4.3 for port locations.

- **Computer (VGA):** Connect a VGA cable from your computer's VGA output to either the RGB IN 1 or RGB IN 2 port on the projector. For audio, connect a 3.5mm audio cable from your computer's audio output to the corresponding AUDIO IN port.
- **Video Devices (Composite/S-Video):** Connect your video device (e.g., DVD player, VCR) using a Composite Video (yellow RCA) or S-Video cable to the respective ports. Connect audio using RCA cables to the AUDIO IN (R/L) ports.
- **Component Video:** For higher quality analog video, connect a component video source (Red, Green, Blue RCA cables) to the Component Video ports.

6. Operating the Projector

6.1 Powering On/Off

- **Power On:** Press the **STANDBY/ON** button on the control panel or remote control. The power indicator light will turn green.
- **Power Off:** Press the **STANDBY/ON** button again. A confirmation message may appear. Press it again to confirm shutdown. The power indicator will turn orange or off. Allow the cooling fan to run until it stops before unplugging.

6.2 Adjusting the Image

- **Focus:** Rotate the focus ring on the projector lens until the image is sharp.
- **Zoom:** Adjust the zoom ring on the projector lens to change the image size.
- **Keystone Correction:** If the image appears trapezoidal, use the **KEYSTONE** buttons on the control panel or remote to correct the distortion.
- **Adjustable Feet:** Use the adjustable feet at the bottom of the projector to fine-tune the projection angle.

6.3 Selecting Input Source

Press the **INPUT** button on the control panel or remote control repeatedly to cycle through available input sources (e.g., RGB 1, RGB 2, Video, S-Video, Component).

6.4 Menu Navigation

Press the **MENU** button to display the On-Screen Display (OSD) menu. Use the arrow buttons (▲ ▼ ◄ ►) to navigate through options and the **ENTER** button to select. Press **MENU** again to exit.

7. Maintenance

7.1 Cleaning the Air Filter

Regularly clean the air filter to ensure proper ventilation and prevent overheating.

1. Turn off the projector and unplug the power cord.
2. Locate the air filter cover (refer to your projector's specific design, usually on the side or bottom).
3. Remove the filter and gently clean it with a soft brush or a vacuum cleaner. Do not wash the filter with water.
4. Reinsert the clean filter and close the cover securely.

7.2 Lamp Replacement

The lamp has a limited lifespan. When the lamp indicator lights up or the image becomes dim, it's time to replace the lamp.

1. Turn off the projector and unplug the power cord. Allow it to cool for at least 45 minutes.
2. Locate the lamp cover (usually on the top or bottom of the projector).
3. Unscrew the lamp cover and carefully remove the old lamp module.
4. Insert the new lamp module, ensuring it is seated correctly.
5. Secure the lamp cover and plug in the power cord.
6. Reset the lamp timer in the projector's OSD menu (refer to the "Menu Navigation" section).

Warning: *Projector lamps contain mercury. Dispose of used lamps according to local regulations.*

7.3 General Cleaning

- **Cabinet:** Wipe the projector cabinet with a soft, dry cloth. For stubborn stains, use a cloth lightly dampened with water and a mild detergent, then wipe dry.
- **Lens:** Use a professional lens cleaning kit or a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners.

8. Troubleshooting

If you encounter problems with your projector, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected; Main power switch off; Power outlet issue	Check power cord connection; Ensure main power switch is ON; Test power outlet with another device
No image on screen	Incorrect input source selected; Input cable loose/damaged; Computer display settings	Press INPUT button to select correct source; Check cable connections; Adjust computer display settings (e.g., duplicate display)
Image is dim or poor quality	Lamp nearing end of life; Dirty lens/filter; Incorrect picture settings	Replace lamp; Clean lens and air filter; Adjust brightness/contrast in OSD menu

Problem	Possible Cause	Solution
Projector overheats / Shuts down automatically	Blocked ventilation; Dirty air filter; High ambient temperature	Ensure clear ventilation; Clean air filter; Operate in a cooler environment

If the problem persists after trying these solutions, please contact customer support.

9. Specifications

Key technical specifications for the Hitachi CP-X444 LCD Projector.

Brand: Hitachi

Model: CP-X444

Display Type: LCD

Mounting Type: Tabletop Mount (also supports ceiling mount)

Item Weight: 3.7 Kilograms (8.14 pounds)

Wattage: 444 watts

Package Dimensions: 17.7 x 14.7 x 11.8 inches

ASIN: B0DMPFX5PP

10. Warranty and Support

As this product is a renewed item, specific warranty terms may vary. Please refer to the warranty information provided at the time of purchase or contact the seller directly for details regarding your specific warranty coverage.
For technical support or further assistance, please contact the Amazon Renewed support team or the original seller of this renewed product.

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