

Mitsubishi HC6800

Mitsubishi HC6800 Home Theater Projector User Manual

Model: HC6800

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Mitsubishi HC6800 Home Theater Projector. Please read this manual thoroughly before using the projector and retain it for future reference.

2. SAFETY INFORMATION

WARNING: To prevent fire or electric shock, do not expose this appliance to rain or moisture.

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not look directly into the projector lens when the lamp is on. The intense light can damage your eyes.
- Do not place the projector on an unstable cart, stand, or table. It may fall, causing serious injury to a child or adult, and serious damage to the appliance.
- Use only attachments/accessories specified by the manufacturer.
- Unplug this projector during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.
- The projector lamp operates at high temperatures. Allow the projector to cool down completely before moving or performing maintenance.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, contact your dealer immediately.

- Mitsubishi HC6800 Home Theater Projector

- Power Cord
- Remote Control with Batteries
- Lens Cap
- User Manual (this document)

4. SETUP

4.1 Projector Placement

The projector can be placed on a tabletop, mounted on the ceiling, or placed on a shelf. Ensure the projector is positioned perpendicular to the screen for optimal image geometry. Consider the throw distance required for your desired screen size.

For a 92-inch diagonal screen, a throw distance of approximately 10.5 feet is noted to provide excellent results with this model.

4.2 Connecting Power

1. Connect the power cord to the projector's AC inlet.
2. Plug the other end of the power cord into a grounded electrical outlet.

4.3 Connecting Input Sources

The HC6800 supports various input sources. Connect your video source (e.g., Blu-ray player, gaming console, computer) to the appropriate input port on the projector.

- **HDMI:** For high-definition digital video and audio. Use an HDMI cable to connect your device to the projector's HDMI port.
- **S-Video:** For standard-definition analog video. Use an S-Video cable.
- **VGA (PC):** For connecting a computer. Use a VGA cable.

4.4 Initial Power-On and Adjustments

1. Press the Power button on the projector or remote control. The power indicator will illuminate.
2. Once the image appears, adjust the **Focus Ring** on the lens until the image is sharp.
3. Adjust the **Zoom Ring** on the lens to achieve the desired image size.
4. Utilize the **Lens Shift** feature (if available on your model) to vertically or horizontally adjust the image position without moving the projector. This is a significant advantage for flexible placement.

5. OPERATING THE PROJECTOR

5.1 Basic Controls

The projector can be operated using the control panel on the unit or the supplied remote control.

- **Power Button:** Turns the projector on or off.
- **Source Button:** Cycles through available input sources (HDMI, S-Video, VGA).
- **Menu Button:** Opens the On-Screen Display (OSD) menu.
- **Arrow Buttons:** Navigate through menu options.
- **Enter/OK Button:** Confirms selections in the menu.

5.2 On-Screen Display (OSD) Menu

Press the Menu button to access the OSD. Use the arrow buttons to navigate and the Enter button to select options. Common menu categories include:

- **Picture Settings:** Adjust Brightness, Contrast, Color, Tint, Sharpness, Color Temperature, and Gamma. Experiment with gamma settings to find what works best for your viewing environment.
- **Advanced Picture Settings:** Includes features like Auto Iris, which can improve black levels. Note that Auto Iris may have a slight lag when rapidly switching between dark and bright scenes.
- **Display Settings:** Adjust Aspect Ratio, Overscan, and Keystone Correction (use sparingly as it can degrade image quality).
- **Input Settings:** Manually select input sources or configure auto-detection.
- **Lamp Settings:** Switch between Normal and Low Lamp modes. Low Lamp mode significantly reduces fan noise and extends lamp life (up to 4,000 hours).
- **Setup:** Language, menu position, factory reset.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your projector.

6.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surface. Do not use abrasive cleaners or excessive force.

6.2 Cleaning the Air Filter

The air filter prevents dust from entering the projector and affecting performance. Check and clean the filter regularly (e.g., every 100-200 hours of use). Refer to the specific instructions in the full service manual for filter removal and cleaning procedures.

6.3 Lamp Replacement

The projector lamp has a finite lifespan. When the lamp indicator illuminates or the image becomes dim, it's time to replace the lamp. Always use a genuine MITSUBISHI HC6800 Replacement Lamp for optimal performance and safety.

1. Turn off the projector and unplug the power cord.
2. Allow the projector to cool down for at least 60 minutes. The lamp operates at high temperatures.
3. Locate the lamp cover (refer to the projector's physical diagram, not provided here).
4. Remove the screw(s) securing the lamp cover and open it.
5. Carefully remove the old lamp module.
6. Insert the new genuine MITSUBISHI HC6800 Replacement Lamp, ensuring it is seated correctly.
7. Replace the lamp cover and secure it with the screw(s).
8. Plug in the power cord and reset the lamp timer in the OSD menu.

7. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord disconnected; Power outlet faulty; Projector in standby mode.	Check power cord connection; Try a different outlet; Press the Power button.
No image	Input source not selected; Video cable loose/disconnected; Source device off.	Select correct input source; Check video cable connections; Ensure source device is on.
Image is blurry	Lens out of focus.	Adjust the Focus Ring on the lens.
Image is distorted (trapezoid)	Projector not perpendicular to screen; Keystone correction needed.	Reposition projector; Use Keystone Correction in OSD (use sparingly).
Remote control not working	Batteries depleted; Obstruction between remote and projector; Remote sensor blocked.	Replace batteries; Remove obstructions; Ensure remote sensor is clear.

8. SPECIFICATIONS

Feature	Detail
Brand	Mitsubishi
Model Name	HC6800
Display Resolution	1920 x 1080 (Full HD)
Native Resolution	1920 x 1080
Display Type	LCD
Contrast Ratio	30000:1
Maximum Image Size	300 Inches
Hardware Connectivity	HDMI, S-Video, VGA
Mounting Type	Tabletop Mount
Form Factor	Portable
Controller Type	Button Control
Item Weight	16.5 Pounds

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Mitsubishi website or contact your authorized Mitsubishi dealer. Keep your purchase receipt as proof of purchase for warranty claims.

Note: All sales are final, as per product information. This does not affect your statutory warranty rights.

