

Fosmon HD8006

Fosmon HD8006 3-Gang 7.1 Surround Sound Distribution Home Theater Wall Plate User Manual

Model: HD8006

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Fosmon HD8006 3-Gang 7.1 Surround Sound Distribution Home Theater Wall Plate. Please read this manual thoroughly before installation to ensure proper setup and optimal performance. Retain this manual for future reference.

SAFETY INFORMATION

- Ensure power to the installation area is turned off before beginning any wiring to prevent electrical shock.
- This product is designed for indoor use only.
- Do not expose the wall plate to moisture or extreme temperatures.
- Use appropriate tools for installation. If unsure, consult a qualified electrician or installer.
- The subwoofer connection is an RCA connector on both the front and back side.
- The HDMI connection is an HDMI connector on both the front and back side.
- Banana jacks do not work with paired/dual banana plugs. Only single/individual banana plugs are compatible.

PACKAGE CONTENTS

- 1 x Fosmon HD8006 3-Gang 7.1 Surround Sound Distribution Home Theater Wall Plate
- Mounting Screws

Note: Gang box/mounting bracket is not included and must be purchased separately.

PRODUCT FEATURES

- **7.1 Surround Sound Support:** Provides connections for 7 speakers (Front Left, Front Right, Center, Side Left, Side Right, Rear Left, Rear Right) and 1 subwoofer.
- **HDMI Port:** Supports 4K@60Hz for high-resolution video signals.
- **Gold-Plated Connectors:** Ensures improved signal quality and corrosion resistance for all banana binding posts, RCA jack, and HDMI port.
- **3-Gang Design:** Fits standard 3-gang electrical boxes, offering a clean and organized installation.
- **Reduced Cable Clutter:** Allows for in-wall cable routing, providing a neat home theater setup.

SETUP AND INSTALLATION

Follow these steps for proper installation of your Fosmon HD8006 wall plate. Ensure all power is disconnected before proceeding.

1. Prepare the Installation Area

1. Turn off power to the circuit where you will be installing the wall plate.
2. Install a standard 3-gang low-voltage mounting bracket or electrical box (not included) in your desired wall location. Ensure there is sufficient space behind the wall for cable routing.

Compatible with Low-Voltage **3-Gang Bracket** (sold separately)



Figure 1: The wall plate is compatible with a standard low-voltage 3-gang bracket (sold separately).

2. Route Cables

1. Carefully route your speaker wires, subwoofer RCA cable, and HDMI cable through the wall to the opening of the mounting bracket. Leave enough slack for easy connection.

3. Connect Cables to the Wall Plate (Rear)



Figure 2: Rear view of the wall plate with binding posts, RCA, and HDMI connections.

1. **Speaker Wires:** For each speaker, connect the positive (+) and negative (-) wires to the corresponding banana binding posts on the rear of the wall plate. Unscrew the binding post cap, insert the bare wire or spade connector, and tighten the cap. Ensure correct polarity (red for positive, black for negative) for each speaker channel (Front Left, Front Right, Center, Side Left, Side Right, Rear Left, Rear Right).
2. **Subwoofer RCA:** Connect your subwoofer RCA cable to the RCA jack on the rear of the wall plate.
3. **HDMI Cable:** Connect your HDMI cable to the HDMI port on the rear of the wall plate.

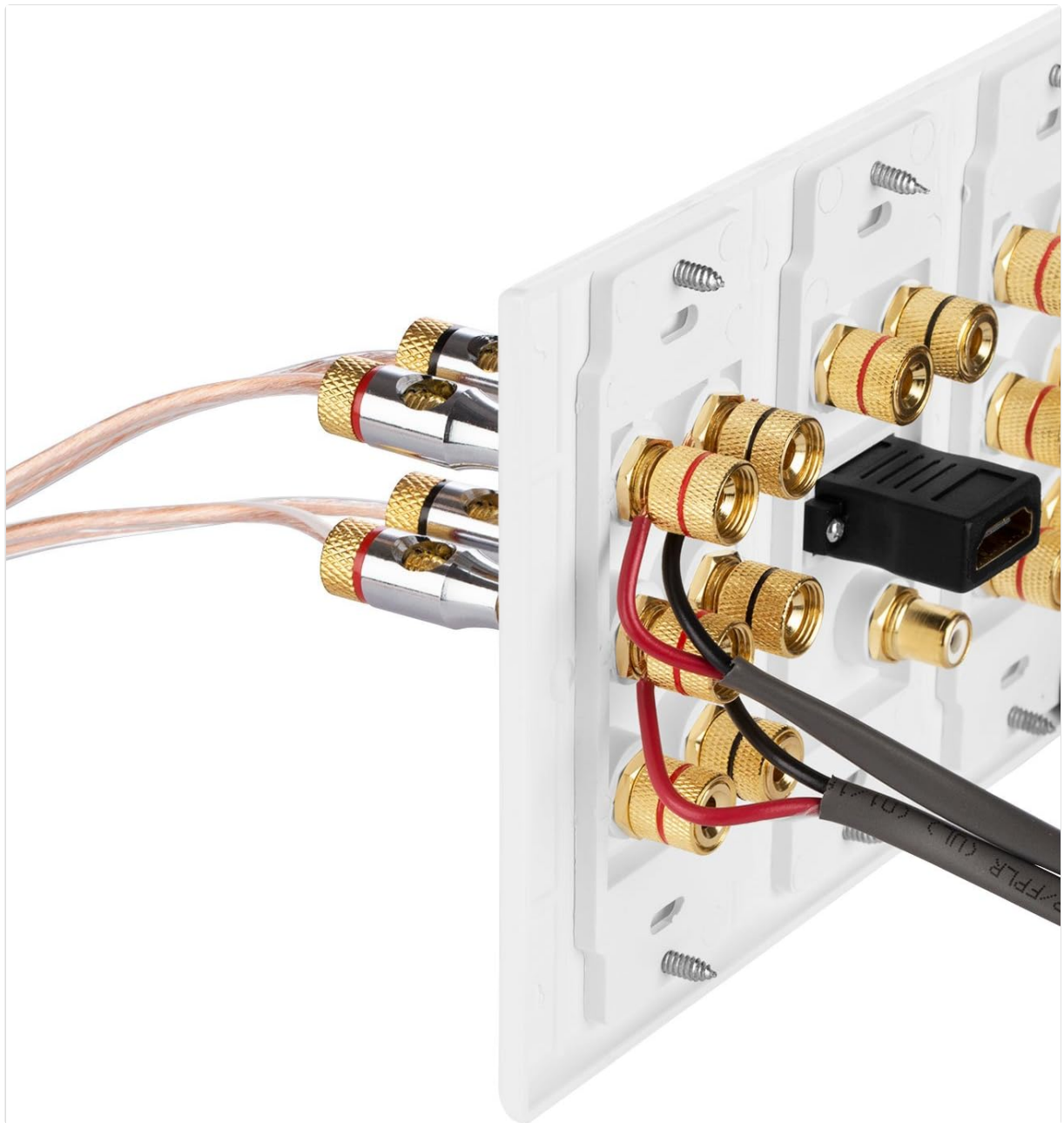


Figure 3: Speaker wires connected to the rear of the wall plate's binding posts.

4. Mount the Wall Plate

1. Carefully push the connected wall plate into the mounting bracket/electrical box.
2. Secure the wall plate to the mounting bracket using the provided screws. Do not overtighten.



Figure 4: The Fosmon HD8006 wall plate installed, showing front connections.

OPERATING INSTRUCTIONS

Once the Fosmon HD8006 wall plate is installed, you can connect your home theater components.

1. **Speaker Connections:** Connect your speakers to the front banana binding posts using single banana plugs. Ensure each speaker is connected to its corresponding labeled post (e.g., Front Left speaker to "Front Left" post).
2. **Subwoofer Connection:** Connect your subwoofer's RCA cable to the "Subwoofer" RCA jack on the front of the wall plate.
3. **HDMI Connection:** Connect your HDMI source device (e.g., Blu-ray player, gaming console) or display device (e.g., TV, projector) to the "HDMI" port on the front of the wall plate.

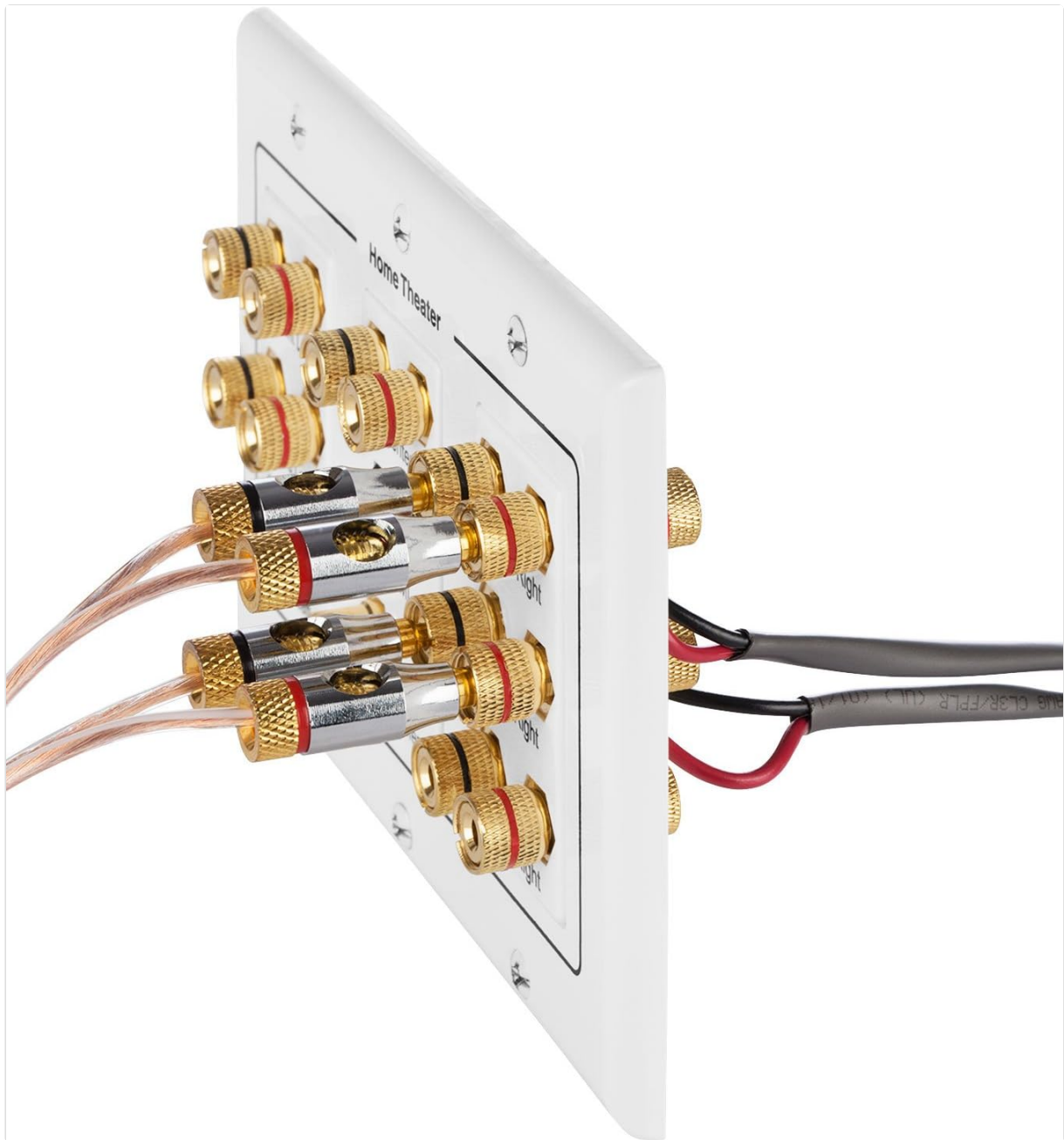


Figure 5: Banana plugs connected to the front of the wall plate for speaker connections.

Note: Always ensure proper polarity for speaker connections to maintain optimal audio performance.

MAINTENANCE

- Keep the wall plate clean by wiping it with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish or connectors.
- Periodically check all connections to ensure they are secure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No audio from speakers	Incorrect speaker wiring; loose connections; incorrect polarity.	Check all speaker wire connections at both the wall plate and the speakers/receiver. Ensure correct positive/negative polarity. Tighten all binding posts.
No subwoofer sound	Loose RCA connection; subwoofer not powered on or configured correctly.	Ensure the RCA cable is securely connected at both the wall plate and the subwoofer/receiver. Verify subwoofer power and settings.
No video/audio via HDMI	Loose HDMI connection; incompatible HDMI cable; source/display issue.	Check HDMI cable connections at both the wall plate and devices. Ensure the HDMI cable supports the required resolution (e.g., 4K@60Hz). Test devices directly if possible.
Banana plugs do not fit	Using paired/dual banana plugs.	This wall plate is designed for single/individual banana plugs only. Paired/dual banana plugs are not compatible.

SPECIFICATIONS

Model	HD8006
Configuration	3-Gang, 7.1 Surround Sound (7 Speakers + 1 Subwoofer + 1 HDMI)
HDMI Support	Up to 4K@60Hz
Connectors	Gold-plated Banana Binding Posts, Gold-plated RCA Jack, Gold-plated HDMI Port
Material	Plastic
Dimensions (L x W x H)	8.34 x 1.81 x 7.87 inches
Weight	11.5 ounces

WARRANTY AND SUPPORT

Fosmon products typically come with a limited lifetime warranty. For warranty claims, technical support, or customer service inquiries, please visit the official Fosmon website or contact their customer support team. Please have your product model number (HD8006) and purchase information ready.

Online Support: www.fosmon.com/support