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Jamo IW610SW

Jamo IW 610 SW In-Wall Subwoofer User Manual

Model: IW610SW

INTRODUCTION

Thank you for choosing the Jamo IW 610 SW In-Wall Subwoofer. This manual provides essential information for the proper installation, operation, and maintenance of your new subwoofer. Please read this manual thoroughly before beginning installation to ensure optimal performance and safety.

The Jamo IW 610 SW is a high-performance 10-inch in-wall subwoofer designed to deliver dynamic, balanced, and distortion-free low frequencies. Its robust MDF enclosure ensures accurate and powerful bass while minimizing sound transfer to adjacent rooms. For enhanced acoustic performance, consider pairing it with the JDA-500 500W DSP amplifier, which offers specific EQ and limiter presets for this model.

SAFETY INFORMATION

Always adhere to the following safety precautions:

- Read all instructions before installation and use.
- Retain this manual for future reference.
- Do not expose the subwoofer to excessive moisture or extreme temperatures.
- Ensure all wiring is correctly connected and insulated to prevent electrical hazards.
- Installation should be performed by qualified personnel if you are unsure about electrical wiring or structural integrity.
- Disconnect power to all audio components before making any connections.

WHAT'S IN THE BOX

Upon unpacking, verify that all components are present:

- Jamo IW 610 SW In-Wall Subwoofer

- Magnetic Grille
- Instruction Manual (this document)

SETUP AND INSTALLATION

1. Planning the Installation Location

Choose a suitable location within a wall that can structurally support the subwoofer's weight and dimensions. Ensure there are no electrical wires, plumbing, or other obstructions behind the wall where you plan to install the unit. The subwoofer is designed for indoor use only.



Figure 1: Subwoofer dimensions (4"D x 18"W x 22"H) for planning the installation cutout.

2. Wall Cutout and Mounting

Carefully mark the cutout area on the wall using the provided template (if included, or refer to the exact dimensions for a precise fit). Use a drywall saw or similar tool to make the cutout. Ensure the cutout is clean and precise.





Figure 2: Front view of the Jamo IW 610 SW, illustrating the woofer and mounting frame.

3. Wiring Connections

Before making any connections, ensure your amplifier or receiver is turned off and unplugged. Run high-quality speaker wire from your amplifier's subwoofer output (or LFE output) to the Jamo IW 610 SW. The subwoofer features single binding posts for connection.



Figure 3: Rear view of the subwoofer showing the single binding posts for speaker wire connection.

Connect the positive (+) terminal from your amplifier to the red (+) terminal on the subwoofer, and the negative (-) terminal from your amplifier to the black (-) terminal on the subwoofer. Ensure a secure connection and no stray wire strands that could cause a short circuit.

4. Securing the Subwoofer

Once wired, carefully insert the subwoofer into the wall cutout. The mounting clamps (typically screw-activated) will swing out and clamp onto the drywall from behind as you tighten the screws on the front baffle. Tighten these screws evenly until the subwoofer is snug and flush with the wall surface. Do not overtighten.



Figure 4: Subwoofer with the magnetic grille partially attached, demonstrating the flush-mount design.

5. Attaching the Grille

The Jamo IW 610 SW comes with a paintable magnetic grille. Once the subwoofer is securely mounted, simply align the grille with the subwoofer frame; the magnets will hold it firmly in place.



Figure 5: Front view of the Jamo IW 610 SW with the magnetic grille fully attached, providing a clean, discreet appearance.

OPERATING INSTRUCTIONS

After successful installation, connect your amplifier or receiver to a power source and turn it on. Adjust the subwoofer level and crossover frequency settings on your amplifier or AV receiver to blend seamlessly with your main speakers. Refer to your amplifier's manual for specific instructions on these settings.

For optimal performance, Jamo recommends using the JDA-500 500W DSP amplifier. This amplifier includes specific EQ and limiter presets designed to maximize the acoustic output and performance of the IW 610 SW.

Consult the JDA-500 amplifier's manual for details on applying these presets.

MAINTENANCE

The Jamo IW 610 SW requires minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to wipe the grille and frame. Do not use harsh chemicals or abrasive cleaners.
- **Grille:** The magnetic grille can be removed for cleaning or painting. Ensure it is reattached securely.
- **Inspection:** Periodically check the mounting screws to ensure they remain snug.

TROUBLESHOOTING

If you experience issues with your Jamo IW 610 SW, refer to the following common problems and solutions:

- **No Sound:**

- Check all cable connections between the subwoofer and amplifier. Ensure they are secure and correctly polarized (+ to + and - to -).
- Verify that the amplifier is powered on and the volume is not muted or set too low.
- Confirm that the subwoofer output on your amplifier/receiver is enabled and configured correctly.

- **Distorted Sound:**

- Reduce the volume level on your amplifier or receiver.
- Check for loose connections or damaged speaker wire.
- Ensure the subwoofer is not overdriven. Adjust gain settings on your amplifier.

- **Weak Bass:**

- Increase the subwoofer level on your amplifier/receiver.
- Adjust the crossover frequency setting on your amplifier/receiver. A lower crossover might be needed if your main speakers produce good bass, or higher if they are small.
- Consider room acoustics. Subwoofer placement can significantly impact bass response.

If problems persist, consult a qualified audio technician.

SPECIFICATIONS

Feature	Detail
Model Name	IW 610 SW
Speaker Type	Subwoofer
Subwoofer Diameter	10 Inches
Power Handling (RMS / Peak)	200W RMS / 500W Peak
Frequency Response	24Hz – 100Hz
Impedance	8 Ohm

Feature	Detail
Maximum Output	109dB @ 70Hz
Low Frequency Driver	254mm (10") Fiberglass
Enclosure Type	Sealed MDF Cabinet
Inputs	Single Binding Posts
Product Dimensions (H x W x D)	22.0" H x 17.63" W x 4.0" D (559mm H x 448mm W x 102mm D)
Item Weight	20.3 lbs (9.2 kg)
Finish	Matte Black Polymer Veneer
Color	Black
Mounting Type	Wall Mount
Indoor/Outdoor Usage	Indoor

WARRANTY AND SUPPORT

The Jamo IW 610 SW In-Wall Subwoofer comes with a Limited Warranty. Please refer to the warranty card included with your product or visit the official Jamo website for detailed terms and conditions regarding warranty coverage and claims.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Jamo customer support through their official website or the contact information provided with your purchase documentation.

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