

## **Rockwood XHB-302**

# **Rockwood XHB-302 3-Way Car Speakers Instruction Manual**

Model: XHB-302

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## **INTRODUCTION**

Thank you for choosing Rockwood XHB-302 3-Way Car Speakers. These speakers are designed to deliver clear and balanced audio performance for your vehicle or other suitable environments. This manual provides essential information for proper installation, operation, and care to ensure optimal performance and longevity of your speakers.



Image: Two Rockwood XHB-302 speakers. One speaker is positioned horizontally, displaying its front grille and casing. The second speaker stands vertically, also showing its front grille and casing. Both speakers are black with a textured grille.

surface.

## SAFETY INFORMATION

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- **Read all instructions:** Before installing or operating the speakers, read and understand all safety and operating instructions.
- **Proper installation:** Ensure speakers are securely mounted to prevent detachment during vehicle movement, which could cause injury or damage.
- **Wiring:** Connect speakers using appropriate gauge wiring. Incorrect wiring can lead to damage to the speakers or your audio system.
- **Avoid moisture:** Do not expose speakers to water or excessive moisture.
- **Temperature:** Avoid extreme temperatures.
- **Volume levels:** Prolonged exposure to high volume levels can cause hearing damage.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- 2 x Rockwood XHB-302 3-Way Speakers
- 2 x 3-meter speaker cables
- *Note: Mounting hardware (screws, brackets) may not be included and might need to be acquired separately.*

## SETUP AND INSTALLATION

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The Rockwood XHB-302 speakers are designed for easy installation in various settings, including vehicles (cars, trucks) or other indoor environments. They feature a threaded socket on the bottom for versatile mounting.

1. **Choose Mounting Location:** Select a suitable location for your speakers. Common locations in vehicles include the rear parcel shelf or custom enclosures. Ensure the surface is stable and can support the weight of the speakers.
2. **Secure Mounting:**
  - For surface mounting, position the speaker and mark the screw holes. Drill pilot holes if necessary.
  - Utilize the threaded socket on the bottom for specific mounting solutions, such as stands or custom brackets (not included).
  - Securely fasten the speakers using appropriate screws or mounting hardware (not included). Ensure they are stable and do not vibrate.
3. **Wiring Connections:**
  - Identify the positive (+) and negative (-) terminals on both your audio amplifier/head unit and the speakers.
  - Connect the provided 3-meter speaker cables. Typically, one wire is marked (e.g., with a stripe or different color) to indicate polarity. Connect the marked wire to the positive (+) terminal and the unmarked wire to the negative (-) terminal.
  - Ensure all connections are tight and free from short circuits.
4. **Test System:** Before finalizing the installation, perform a low-volume test to ensure all speakers are

functioning correctly and the sound is balanced.

## OPERATING INSTRUCTIONS

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The Rockwood XHB-302 speakers are passive speakers, meaning they require an external amplifier or head unit to produce sound. Once properly installed and connected to an audio source, their operation is straightforward:

- 1. Power On Audio Source:** Turn on your car's head unit or external amplifier.
- 2. Adjust Volume:** Start with the volume at a low level and gradually increase it to your desired listening level.
- 3. Audio Settings:** Use your audio source's equalizer or sound settings to fine-tune the audio output to your preference. The 3-way design of these speakers helps in reproducing a full range of frequencies.
- 4. Power Off:** Turn off your audio source when not in use.

## MAINTENANCE

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To ensure the longevity and optimal performance of your Rockwood XHB-302 speakers, follow these simple maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to wipe down the speaker cabinets. For the grilles, a soft brush or vacuum cleaner with a brush attachment can remove dust. Avoid using harsh chemicals or abrasive cleaners.
- Environmental Protection:** Keep speakers away from direct sunlight, extreme temperatures, and high humidity.
- Cable Inspection:** Periodically check speaker cables for any signs of wear, fraying, or damage. Replace damaged cables immediately to prevent performance issues or safety hazards.
- Secure Mounting:** Occasionally check that the speakers remain securely mounted and that all screws are tight.

## TROUBLESHOOTING

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If you encounter issues with your Rockwood XHB-302 speakers, refer to the following common troubleshooting steps:

- No Sound:**
  - Ensure the audio source (head unit, amplifier) is powered on and functioning.
  - Check all speaker cable connections at both the speaker and the audio source for proper polarity and secure contact.
  - Verify the volume level on your audio source is not set to minimum or muted.
  - Test with another audio source or speaker if possible to isolate the problem.
- Distorted Sound:**
  - Reduce the volume level on your audio source. Overdriving the speakers can cause distortion.
  - Check for loose connections or frayed wires.
  - Ensure the amplifier's power output matches the speaker's power handling capabilities.
  - Adjust equalizer settings on your audio source.

- **One Speaker Not Working:**

- Check the specific speaker's wiring connections.
- Swap the non-working speaker with a working one (if possible) to determine if the issue is with the speaker or the wiring/audio channel.

If problems persist after following these steps, consult a qualified audio technician.

## SPECIFICATIONS

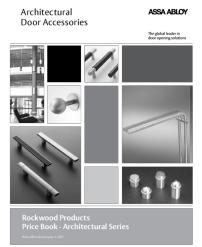
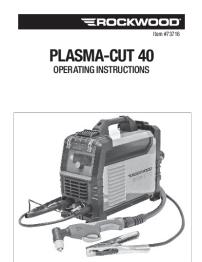
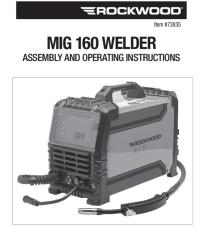
<b>Model Name</b>	XHB-302
<b>Brand</b>	Rockwood
<b>Speaker Type</b>	3-Way Component Speaker
<b>Maximum Speaker Output Power</b>	30 Watts
<b>Frequency Response</b>	18000 Hz
<b>Audio Output Mode</b>	Stereo
<b>Mounting Type</b>	Surface Mount, Car Mount
<b>Material</b>	Plastic and Metal
<b>Product Dimensions</b>	9.2 x 10.8 x 19 cm
<b>Product Weight</b>	1.2 kg
<b>Country of Origin</b>	Germany

*Note: The specification "Tecnología de conectividad: Bluetooth" found in some product listings is typically associated with active speakers. As the XHB-302 is a passive speaker requiring an external amplifier, direct Bluetooth connectivity is not a feature of the speakers themselves.*

## WARRANTY AND SUPPORT

Rockwood products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to the Rockwood customer service department or your authorized dealer.

Keep your purchase receipt as proof of purchase for any warranty claims.

	<p><a href="#"><b>Rockwood 495 Fantom Door Stop: Concealed Magnetic Door Hardware</b></a></p> <p>Discover the Rockwood 495 Fantom Door Stop, a fully concealed magnetic door stop with hold-open function. Ideal for healthcare, hospitality, and commercial applications, offering safety and modern design.</p>
	<p><a href="#"><b>Rockwood Architectural Door Accessories Price Book - 2017</b></a></p> <p>This price book from Rockwood, an ASSA ABLOY company, details a comprehensive range of architectural door accessories, including various door pulls, plates, hooks, and mounting hardware. It provides product specifications, model numbers, and pricing effective January 1, 2017.</p>
	<p><a href="#"><b>Rockwood Plasma-Cut 40 Operating Instructions</b></a></p> <p>This manual provides operating instructions, safety information, specifications, and troubleshooting for the Rockwood Plasma-Cut 40 plasma cutter, designed for efficient metal cutting.</p>
	<p><a href="#"><b>Rockwood MIG 160 Welder: Assembly and Operating Instructions   Eastwood</b></a></p> <p>Comprehensive assembly and operating instructions for the Rockwood MIG 160 Welder by Eastwood. Learn setup, operation, safety, and troubleshooting for this versatile MIG, Stick, and TIG welding machine.</p>
	<p><a href="#"><b>Rockwood Tent Camper Owner's Manual: Setup and Takedown Guide</b></a></p> <p>A comprehensive guide detailing the setup and takedown procedures for Rockwood tent campers, including specific instructions for various models such as Freedom, Premier, High Wall, and LTD series. Covers exterior and interior setup, awning installation, and essential maintenance tips.</p>
	<p><a href="#"><b>Rockwood Tent Campers: Freedom, Premier, High Wall, and Hard Side Series</b></a></p> <p>Explore the Rockwood tent camper lineup, including Freedom, Premier, High Wall, and Hard Side series. Discover features, construction, specifications, and popular options for your next adventure.</p>