

## Polk Audio DB572

# Polk Audio DB572 DB+ Series Coaxial Speaker Instruction Manual

MODEL: DB572

### Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Polk Audio DB572 DB+ Series 5" x 7" Coaxial Speakers. These speakers are designed for both car and marine audio systems, offering robust performance and durability in various environments. Please read this manual thoroughly before installation and use.

### Key Features

- **2-Way Coaxial Design:** Integrates a woofer and tweeter for a full-range audio experience.
- **Polypropylene Woofer Cone:** Provides durability and responsive bass.
- **3/4" Silk Dome Tweeter:** Delivers smooth and precise high-frequency sound.
- **Dynamic Balance Technology:** Utilizes laser imaging to reduce resonance and ensure distortion-free sound.
- **Built-in Crossover:** Directs appropriate frequencies to the woofer and tweeter for optimal sound separation.
- **Marine Certified (IP56):** Tested for resistance against sun, moisture, salt-fog, UV, and extreme temperature changes, suitable for boat and other outdoor applications.
- **Versatile Application:** Suitable for car, marine, motorcycle, and ATV audio systems.

### What's in the Box

Verify that all items are present before beginning installation:

- Polk Audio DB572 Coaxial Speakers (2 units)
- Mounting Hardware (screws, clips)
- Speaker Wires

- Literature (this manual and other documentation)

## Setup and Installation

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Proper installation is crucial for optimal performance. If you are unsure about any steps, consult a professional installer.

### 1. Pre-Installation Checks

- **Compatibility:** Ensure the speaker size (5" x 7", also fits 6" x 8" applications) and impedance (4 Ohms) are compatible with your audio system.
- **Tools:** Gather necessary tools including screwdrivers, wire strippers, crimpers, and a drill if new mounting holes are required.
- **Safety:** Disconnect the vehicle's or vessel's battery before starting any electrical work.

### 2. Mounting the Speakers

The DB572 speakers are designed for easy installation. Use the provided mounting hardware.

1. Carefully remove the existing speakers from their mounting locations.
2. Position the new DB572 speaker in the opening. Ensure a snug fit.
3. Align the mounting holes. If new holes are needed, mark and drill pilot holes carefully.
4. Secure the speaker using the provided screws and clips. Do not overtighten.

### 3. Wiring Connections

Connect the speaker wires to your audio system. Observe correct polarity to ensure proper sound reproduction.

- Identify the positive (+) and negative (-) terminals on the speaker and your audio system's wiring.
- Connect the positive wire from your amplifier/head unit to the speaker's positive terminal.
- Connect the negative wire from your amplifier/head unit to the speaker's negative terminal.
- Ensure all connections are secure and insulated to prevent short circuits.

### 4. Testing the System

After installation, reconnect the battery and test the audio system.

- Turn on your audio system at a low volume.
- Verify that sound is coming from all installed speakers.
- Gradually increase the volume to check for clarity and proper operation.



Image 1: Main view of the Polk Audio DB572 Coaxial Speaker.



Image 2: Front view of the Polk Audio DB572 speaker, showing the woofer and integrated tweeter.



Image 3: Close-up view of the 3/4" silk dome tweeter on the Polk Audio DB572 speaker.

## Operation

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Once installed, your Polk Audio DB572 speakers will integrate with your existing audio system. No specific operational controls are present on the speakers themselves.

- **Audio Source:** Play audio through your connected head unit or amplifier.
- **Volume Control:** Adjust volume levels via your head unit or amplifier.
- **Sound Customization:** Utilize your audio system's equalizer or sound processing features to fine-tune the sound to your preference. The speakers' wide frequency response (35-22kHz) allows for detailed sound reproduction.

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Video 1: Product Overview of the Polk Audio DB572 Speaker, demonstrating its features and components.

## Maintenance

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Regular maintenance helps ensure the longevity and performance of your speakers.

- **Cleaning:** For marine applications or dusty environments, periodically wipe the speaker surfaces with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Inspection:** Routinely check speaker connections for corrosion or looseness, especially in marine settings. Ensure mounting screws remain tight.
- **Environmental Protection:** While marine certified, prolonged exposure to extreme conditions should be minimized where possible to extend product life.

## Troubleshooting

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

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect wiring; amplifier/head unit issue; speaker damage.	Check all wiring connections for proper polarity and tightness. Verify amplifier/head unit is powered on and functioning. Inspect speaker for visible damage.
Distorted or unclear sound	Overpowering the speaker; incorrect audio settings (equalizer, bass boost); loose mounting; damaged speaker.	Reduce volume. Adjust audio settings on your head unit/amplifier. Ensure speaker is securely mounted. If distortion persists at moderate volumes, speaker may be damaged.
Intermittent sound	Loose wiring connection; faulty cable; amplifier issue.	Inspect all wiring for secure connections. Test with different cables if possible. Consult amplifier manual for troubleshooting.

## Specifications

Feature	Detail
Model Name	DB572
Speaker Type	Coaxial, 2-Way
Speaker Size	5" x 7" (also fits 6" x 8" applications)
Woofer Diameter	5 Inches
Tweeter Diameter	0.75 Inches
Material	Polypropylene (Woofer)
Peak Power Handling	225 Watts
RMS Power Handling	75 Watts
Impedance	4 Ohms
Frequency Response	35 Hz - 22 kHz
Connectivity Technology	Coaxial
Special Feature	Waterproof (IP56 Marine Certified)
Product Dimensions	13.3"D x 23.2"W x 10.4"H
Item Weight	4 Pounds

## Warranty and Support

Polk Audio DB572 speakers come with a limited warranty. For specific warranty terms and conditions,

please refer to the warranty card included with your product or visit the official Polk Audio website. For technical support or service inquiries, please contact Polk Audio customer service.

- **Manufacturer:** Polk Audio
- **Warranty Type:** Limited