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› Soundstream TWS4 Car Audio Tweeters User Manual

Soundstream TWS.4

Soundstream TWS4 Car Audio Tweeters

Model: TWS.4

Brand: Soundstream

PRODUCT OVERVIEW

The Soundstream TWS4 are 1-inch car audio tweeters designed to enhance the high-frequency sound reproduction in your vehicle's audio system. These tweeters are sold as a pair and are engineered for clear and crisp audio output, providing an improved listening experience.



Image: A pair of Soundstream TWS4 car audio tweeters. Each tweeter features a metallic silver housing with a black mesh grille adorned with a distinctive spider logo. Black wires extend from the back of each tweeter, with the ends stripped for connection. The tweeters are designed for surface mounting or flush mounting in a vehicle's interior.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your TWS4 tweeters. It is recommended that installation be performed by a qualified car audio technician.

Before Installation:

- Disconnect the vehicle's battery to prevent electrical shorts.
- Ensure the mounting location is suitable and does not obstruct any vehicle safety features or wiring.
- Verify the impedance of the tweeters (4-ohms) is compatible with your amplifier or head unit.

Wiring Connections:

The TWS4 tweeters are designed for a corded electric power source. Connect the tweeter wires to the appropriate outputs of your amplifier or crossover network. Observe correct polarity (positive to positive, negative to negative) to ensure proper phase and sound quality.

- **Positive (+) Wire:** Typically marked or indicated.
- **Negative (-) Wire:** Typically marked or indicated.

If using an external crossover, ensure the tweeters are connected to the high-pass output. Do not connect tweeters directly to a full-range signal without a high-pass filter, as this can cause damage.

Mounting:

The tweeters can be surface mounted or flush mounted depending on your vehicle's interior and aesthetic preference. Use the provided mounting hardware securely. Ensure the tweeters are aimed towards the listening area for best sound imaging.

OPERATING INSTRUCTIONS

Once installed, the TWS4 tweeters operate as part of your car's audio system. Their primary function is to reproduce high-frequency sounds (treble).

- **Initial Power-Up:** After installation, reconnect the vehicle's battery. Turn on your car audio system at a low volume.
- **Volume Adjustment:** Gradually increase the volume to a comfortable listening level. Avoid excessively high volumes that cause distortion, as this can damage the tweeters.
- **Sound Customization:** Use your head unit's or amplifier's equalizer settings to fine-tune the treble output to your preference. Start with flat settings and make small adjustments.

The TWS4 tweeters are designed to handle up to 200 watts PEAK power and 110 watts RMS power. Ensure your amplifier's output does not exceed these ratings to prevent damage.

MAINTENANCE

The Soundstream TWS4 tweeters require minimal maintenance to ensure long-term performance.

- **Cleaning:** Periodically wipe the tweeter grilles with a soft, dry cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Occasionally check the wiring connections to ensure they are secure and free from corrosion.
- **Environmental Factors:** While designed for automotive use, avoid exposing the tweeters to excessive moisture or extreme temperatures. The product is not waterproof.

TROUBLESHOOTING

If you encounter issues with your TWS4 tweeters, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from tweeters	Loose or incorrect wiring Amplifier/head unit issue Damaged tweeter	Check all connections for proper polarity and security. Verify amplifier/head unit is powered on and functioning. Test with a known working audio source.
Distorted or harsh sound	Overpowering the tweeters Incorrect crossover settings Poor quality audio source	Reduce volume or amplifier gain. Ensure a high-pass filter is used and set correctly. Use high-quality audio files.
One tweeter not working	Loose connection to that specific tweeter Damaged tweeter	Check wiring for the non-working tweeter. Swap tweeters (if possible) to isolate the issue.

If problems persist after attempting these solutions, contact Soundstream customer support or a professional car audio technician.

SPECIFICATIONS

Feature	Detail
Model Number	TWS.4
Speaker Type	Tweeter
RMS Power	110 Watts
PEAK Power	200 Watts
Impedance	4 Ohms
Frequency Response	5,000 Hz - 25,000 Hz
Power Source	Corded Electric
Is Waterproof	No
Product Dimensions	11.5 x 24 x 18 inches (approximate packaging/shipping dimensions)
Item Weight	8 ounces
Manufacturer	Soundsteam

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service inquiries for your Soundstream TWS4 tweeters, please refer to the official Soundstream website or contact their customer service department directly. Keep

your proof of purchase for warranty claims.
Note: Specific warranty terms and conditions may vary by region and retailer.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question