

Soundstream SME.650

Soundstream SME.650 6.5-inch Pro Audio Mid-Range Speaker Instruction Manual

Model: SME.650

1. PRODUCT OVERVIEW

The Soundstream SME.650 is a 6.5-inch Pro Audio Mid-Range Speaker designed for car audio systems. It delivers clear and powerful mid-range frequencies, enhancing the overall sound experience in your vehicle. This speaker is engineered for performance and durability, making it a suitable component for various car audio setups.

Key Features:

- 6.5-inch Pro Audio Mid-Range Speaker
- Max Power Handling: 200W
- RMS Power Handling: 100W
- Impedance: 4 Ohm
- Frequency Response: 150-10kHz

2. WHAT'S IN THE BOX

Upon unpacking your Soundstream SME.650 speaker, please ensure all components are present:

- Two (2) Soundstream SME.650 6.5-inch Mid-Range Speakers
- Wiring
- Mounting Hardware
- Instruction Manual

Video: Unboxing the speaker. This video provides a visual guide to the contents of the speaker package.

3. SPECIFICATIONS

Feature	Specification
Model Name	SME.650
Speaker Type	Pro Audio Mid-Range Speaker
Speaker Size	6.5 Inches
Max Power Handling	200 Watts
RMS Power Handling	100 Watts
Impedance	4 Ohms
Frequency Response	150-10kHz
Mounting Type	Flush Mount
Audio Driver Type	Dynamic Driver
Number of Items	2
Item Weight	4.6 Pounds
Product Dimensions	16 x 8.3 x 4 inches
Manufacturer	Soundstream
UPC	709483054875

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your speakers. If you are unsure about any steps, it is recommended to seek professional installation.

Safety Precautions:

- Disconnect the vehicle's battery before starting any electrical work.
- Ensure all wiring is properly insulated to prevent short circuits.
- Wear appropriate safety gear, including eye protection.

Installation Steps:

1. **Choose Mounting Location:** Select a suitable flush-mount location in your vehicle that accommodates the 6.5-inch speaker size.
2. **Prepare Mounting Surface:** Carefully cut the mounting hole to the correct diameter. Ensure there is sufficient depth for the speaker magnet.
3. **Wiring:** Connect the speaker wires to your amplifier or head unit. Ensure correct polarity (positive to positive, negative to negative) to avoid phase issues. The SME.650 has a 4 Ohm impedance.
4. **Secure Speaker:** Place the speaker into the mounting hole and secure it using the provided mounting hardware. Do not overtighten the screws.
5. **Test System:** Reconnect the vehicle's battery and test the audio system at a low volume. Gradually increase the volume to check for proper operation and sound quality.



Image: Front view of the Soundstream SME.650 speaker, showcasing its design and 4 Ohm impedance rating.

5. OPERATING INSTRUCTIONS

Once installed, operating your Soundstream SME.650 speakers is straightforward. Follow these guidelines for the best audio experience:

- **Volume Control:** Adjust the volume on your head unit or amplifier to a comfortable listening level. Avoid excessively high volumes that can lead to distortion or speaker damage.
- **Equalizer Settings:** Experiment with your audio system's equalizer settings to fine-tune the sound to your preference. Since these are mid-range speakers, focus on enhancing the mid-frequency bands.
- **Avoid Clipping:** If you hear any distortion, reduce the volume immediately. Clipping (a form of distortion) can damage your speakers and amplifier.

6. MAINTENANCE

Regular maintenance helps prolong the life and performance of your speakers:

- **Cleaning:** Gently wipe the speaker cones and surrounds with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or excessive moisture.
- **Inspection:** Periodically check the speaker wiring for any signs of wear, fraying, or loose connections. Ensure mounting screws remain secure.

- **Environmental Factors:** While designed for car environments, avoid exposing speakers to extreme temperatures or direct moisture if possible, as they are not waterproof.

7. TROUBLESHOOTING

If you encounter issues with your Soundstream SME.650 speakers, try these troubleshooting steps:

- **No Sound:**
 - Check all wiring connections at the speaker, amplifier, and head unit.
 - Ensure the amplifier is powered on and receiving a signal.
 - Verify the head unit's volume and source settings.
- **Distorted Sound:**
 - Reduce the volume on your head unit or amplifier.
 - Check for loose wiring connections or frayed wires.
 - Ensure the amplifier's gain settings are not set too high.
- **Intermittent Sound:**
 - Inspect all wiring for loose connections or shorts.
 - Check the speaker terminals for corrosion.

If these steps do not resolve the issue, please contact Soundstream customer support or a qualified car audio technician.

8. WARRANTY

The Soundstream SME.650 speakers come with a **Limited Warranty**. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration of coverage. Retain your proof of purchase for any warranty claims.

9. SUPPORT

For further assistance, technical support, or inquiries regarding your Soundstream SME.650 speakers, please visit the official Soundstream website or contact their customer support department. Contact information can typically be found on the product packaging or the manufacturer's website.