

## Alpine SXE-1751S

# Alpine SXE-1751S Component Speaker System

## INSTRUCTION MANUAL

### 1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Alpine SXE-1751S 6.5-inch 2-Way Component Speaker System. Please read this manual thoroughly before attempting installation or use to ensure optimal performance and safety.

The Alpine SXE-1751S is designed to deliver high-quality audio reproduction in a vehicle environment, featuring a separate woofer and tweeter for enhanced sound staging and clarity.

### 2. Safety Information

- **Electrical Safety:** Always disconnect the vehicle's battery negative terminal before beginning any electrical work to prevent short circuits and electrical shock.
- **Professional Installation:** If you are unsure about any aspect of the installation, it is recommended to seek assistance from a qualified professional installer.
- **Wiring:** Ensure all wiring is properly insulated and secured to prevent damage from vibration or contact with sharp edges. Use appropriate gauge wire for connections.
- **Volume Levels:** Prolonged exposure to high volume levels can cause hearing damage. Adjust the volume to a comfortable level.
- **Mounting:** Securely mount all components to prevent them from becoming loose during vehicle operation, which could cause injury or damage.

### 3. What's in the Box

Your Alpine SXE-1751S Component Speaker System package includes the following standard components:

- Two 6.5-inch Woofers
- Two Tweeters
- Mounting Hardware (screws, clips, etc.)
- Speaker Grilles (if applicable)



Image: The Alpine SXE-1751S component speaker system, showing two 6.5-inch woofers and two separate tweeters with their wiring.

## 4. Setup and Installation

Proper installation is crucial for optimal sound performance. Consider professional installation if you are unfamiliar with car audio wiring and vehicle disassembly.

### 4.1. Planning the Installation

- **Location:** Determine suitable mounting locations for the woofers and tweeters in your vehicle. Woofers are typically installed in door panels or kick panels, while tweeters are often mounted higher, such as on the dashboard or A-pillars, for better sound imaging.
- **Clearance:** Ensure there is sufficient mounting depth and clearance behind the speaker locations for the woofer magnets and tweeter bodies.
- **Wiring Path:** Plan the routing of speaker wires from your amplifier/head unit to the speaker locations, avoiding sharp edges and moving parts.

### 4.2. Woofer Installation

1. Disconnect the vehicle's battery negative terminal.
2. Carefully remove the existing speakers or prepare the mounting location. This may involve removing

door panels or other interior trim.

3. Mount the 6.5-inch woofer securely using the provided screws. Ensure a tight fit to prevent vibrations.
4. Connect the speaker wires to the woofer terminals, observing correct polarity (+ to + and - to -).



Image: A single Alpine SXE-1751S 6.5-inch woofer, showing the speaker cone and mounting frame.

#### **4.3. Tweeter Installation**

1. Choose a suitable mounting method for the tweeters (flush mount, surface mount, or angle mount) based on your vehicle's interior and desired sound direction.
2. Secure the tweeter in its chosen location using the appropriate mounting hardware.
3. Connect the tweeter wires, ensuring correct polarity. The SXE-1751S tweeters include an integrated crossover network, so no external crossover box is required.



Image: A single Alpine SXE-1751S tweeter, a small black circular unit with a mesh grille and blue and black wires extending from it.

#### 4.4. Wiring Connections

Connect the positive (+) terminal of each speaker to the positive (+) output of your amplifier or head unit, and the negative (-) terminal to the negative (-) output. Incorrect polarity can lead to poor sound quality and reduced bass response.

After all speakers are connected, reassemble any removed vehicle trim and reconnect the vehicle's battery negative terminal.

### 5. Operating the Speaker System

Once installed, your Alpine SXE-1751S speakers will operate as part of your vehicle's audio system. Follow these general guidelines:

- **Initial Playback:** Start with the volume low and gradually increase it to a comfortable listening level.
- **Audio Settings:** Adjust the bass, treble, and balance settings on your head unit or amplifier to achieve your preferred sound. The separate tweeters allow for improved sound staging; experiment with your head unit's fader and balance controls.
- **Break-in Period:** Speakers often benefit from a 'break-in' period of several hours of normal use to achieve their full sonic potential.

### 6. Maintenance

The Alpine SXE-1751S speakers require minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the speaker grilles and cones. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check speaker connections for tightness and ensure no wires are frayed or exposed.

- **Environmental Factors:** While designed for automotive use, avoid exposing speakers to excessive moisture or extreme temperatures.

## 7. Troubleshooting

If you experience issues with your speaker system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring; amplifier/head unit issue; speaker damage	Check all wiring connections for tightness and correct polarity. Verify amplifier/head unit is powered on and functioning. Test with another known-good speaker if possible.
Distorted or unclear sound	Incorrect audio settings; speaker overload; damaged speaker; poor wiring connection	Adjust bass/treble settings. Reduce volume to prevent clipping. Check wiring for loose connections or shorts. Inspect speaker cones for physical damage.
Weak or no bass	Incorrect speaker polarity; phase issues; insufficient power	Verify speaker wire polarity. Ensure speakers are in phase. Check amplifier output and settings.
Intermittent sound	Loose wiring; faulty connection; amplifier issue	Inspect all wiring for intermittent contact. Ensure connections are secure.

## 8. Specifications

Key technical specifications for the Alpine SXE-1751S Component Speaker System:

Feature	Specification
Model Name	SXE-1751S
Speaker Type	2-Way Component System (Woofer, Tweeter)
Woofer Diameter	6.5 Inches (16.5 cm)
RMS Power	45 Watts
Peak Power	280 Watts
Nominal Impedance	4 Ohms
Frequency Response	60Hz - 20kHz
Woofer Material	Ferrite Woofer
Tweeter Material	Neodymium Tweeter
Voice Coil	Kapton Voice Coil
Product Dimensions	3"D x 3"W x 8.75"H (Approximate, for packaging)



Feature	Specification
Item Weight	2.99 pounds
UPC	793276242976

## 9. Warranty Information

Alpine products are manufactured to high-quality standards and are warranted against defects in materials and workmanship. The specific warranty period and terms may vary by region and retailer. Please retain your proof of purchase for warranty claims.

For detailed warranty information, please refer to the warranty card included with your product or visit the official Alpine website.

## 10. Support

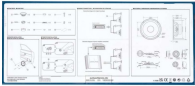

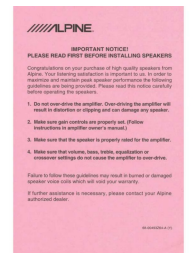

For further assistance, technical support, or inquiries regarding your Alpine SXE-1751S Component Speaker System, please visit the official Alpine website or contact their customer service department.

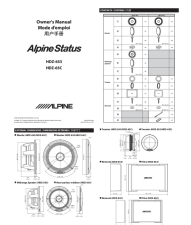
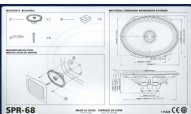
**Alpine Official Website:** [www.alpine-usa.com](http://www.alpine-usa.com)

You can also visit the Alpine Store on Amazon for product information and support resources:[Alpine Store](#)

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Product specifications are subject to change without notice.

### Related Documents - SXE-1751S

	<p><a href="#">Alpine EL-E65C Component 2-Way Speaker System Specifications and Installation Guide</a></p> <p>Detailed specifications, installation diagrams, wiring instructions, and external dimensions for the Alpine EL-E65C component 2-way speaker system. Includes power handling, impedance, sensitivity, frequency response, and mounting information.</p>
	<p><a href="#">Alpine DM-65C Component Speaker System Installation and Specifications</a></p> <p>Installation guide and technical specifications for the Alpine DM-65C 2-way component speaker system, including wiring diagrams, mounting instructions, and product features.</p>
	<p><a href="#">Alpine S2-S40C 4" Component 2-Way Speaker System - Specifications &amp; Installation Guide</a></p> <p>Comprehensive guide for the Alpine S2-S40C 4-inch component 2-way speaker system. Includes installation instructions, detailed specifications, power ratings, wiring diagrams, external dimensions, warranty information, and product registration details. Learn how to properly install and use your Alpine speakers for optimal performance.</p>
	<p><a href="#">Alpine S2-S10TW Component Tweeter: Specifications, Installation, and Warranty Information</a></p> <p>Comprehensive guide to the Alpine S2-S10TW component tweeter, detailing technical specifications, installation instructions, important usage notices, warranty terms, and product registration methods.</p>

	<p><a href="#">Alpine Status HDZ-653 &amp; HDZ-65C Component Speaker System Owner's Manual</a></p> <p>Official owner's manual for the Alpine Status HDZ-653 (3-way) and HDZ-65C (2-way) Hi-Res component speaker systems, covering package contents, external dimensions, wiring connections, installation procedures, and technical specifications.</p>
	<p><a href="#">Alpine SPR-68 Coaxial 2-Way Speaker System - Specifications and Installation Guide</a></p> <p>Explore the specifications, installation guide, and limited warranty for the Alpine SPR-68 Coaxial 2-Way Speaker System. Learn about its features, power handling, and dimensions for your car audio setup.</p>

Documents - Alpine – SXE-1751S



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