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> Alpine S2-S65 6.5" Coaxial Speaker Set Instruction Manual

Alpine S2-S65

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Model: S2-S65

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Alpine S2-S65 Next-Generation S-Series 6.5" Coaxial Speaker Set. Please read these instructions thoroughly before installation and retain this manual for future reference.



Figure 1: Front view of the Alpine S2-S65 6.5" Coaxial Speaker.

SAFETY INFORMATION

- Ensure all connections are secure to prevent short circuits.
- Do not expose speakers to water or excessive moisture as they are not waterproof.
- Avoid installing speakers in locations that obstruct vehicle safety features.
- Consult a professional installer if you are unsure about any installation steps.

PACKAGE CONTENTS

The Alpine S2-S65 speaker set includes:

- Two (2) Alpine S2-S65 6.5" Coaxial Speakers
- Mounting hardware (screws, clips)
- Instruction Manual

SETUP AND INSTALLATION

The Alpine S2-S65 speakers are designed for in-car audio systems and are compatible with most car stereo units. Professional installation is recommended for optimal performance and to avoid damage to your vehicle or the speakers.

1. Preparation

- Disconnect the vehicle's battery to prevent electrical shorts.
- Remove existing speakers or access the speaker mounting locations in your vehicle's doors or panels.
- Ensure the mounting location provides adequate depth and clearance for the 6.5-inch speakers.

2. Wiring Connections

Connect the speaker wires from your car stereo or amplifier to the terminals on the Alpine S2-S65 speakers. Observe correct polarity: positive (+) to positive and negative (-) to negative. Incorrect wiring can lead to poor sound quality or damage.



Figure 2: Rear view of the Alpine S2-S65 speaker, highlighting wiring terminals.

3. Mounting the Speakers

- Place the speaker into the designated mounting hole.
- Secure the speaker using the provided screws and mounting clips. Do not overtighten.
- Ensure the speaker is firmly seated and does not vibrate.



Figure 3: Side view of the Alpine S2-S65 speaker, illustrating the mounting flange.

4. Optional Speaker Grille

For added protection and aesthetic enhancement, the Alpine S2-S65 speakers are compatible with the KTE-S65G Speaker Grille (sold separately). Install the grille according to its specific instructions after the speakers are mounted.

OPERATING INSTRUCTIONS

Once installed, the Alpine S2-S65 speakers will function as part of your vehicle's audio system. They are designed to deliver clear, detailed stereo sound.

- **Power On:** Reconnect the vehicle's battery. Turn on your car stereo.
- **Audio Source:** Select your desired audio source (radio, CD, Bluetooth, etc.) from your car stereo.
- **Volume Control:** Adjust the volume to a comfortable listening level using your car stereo's controls. Avoid excessively high volumes to prevent speaker damage and hearing loss.
- **Tone Adjustments:** Use your car stereo's equalizer or tone controls (bass, treble, balance, fader) to fine-tune the sound to your preference.

These speakers are Hi-Res Audio Certified, capable of reproducing frequencies up to 40kHz, offering a more accurate and natural listening experience. The HAMR (High Amplitude Multi-Roll) surround technology allows for maximum cone movement, contributing to powerful and accurate bass reproduction.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your Alpine S2-S65 speakers.

- **Cleaning:** Gently wipe the speaker grilles and surrounds with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Moisture Protection:** These speakers are not water resistant. Avoid exposing them to direct water spray or

excessive humidity. If they become wet, allow them to dry completely before use.

- **Physical Damage:** Protect the speaker cones from punctures or tears. The optional KTE-S65G Speaker Grille can help prevent accidental damage.

TROUBLESHOOTING

If you experience issues with your Alpine S2-S65 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	◦ Loose or incorrect wiring connection. ◦ Car stereo not powered on or muted. ◦ Fader/balance settings incorrect. ◦ Damaged speaker or stereo.	◦ Check all speaker wire connections for proper polarity and security. ◦ Ensure car stereo is on and not muted. Adjust fader/balance. ◦ Test with another audio source or speaker.
Distorted or poor sound quality	◦ Incorrect gain settings on amplifier (if used). ◦ Speaker cone damage. ◦ Loose mounting. ◦ Source audio quality is low. ◦ Volume too high.	◦ Adjust amplifier gain. ◦ Inspect speaker cones for damage. ◦ Ensure speakers are securely mounted. ◦ Try a high-quality audio source. ◦ Reduce volume.
Intermittent sound	◦ Loose wiring. ◦ Faulty speaker or stereo component.	◦ Check and secure all wiring connections. ◦ Consult a professional for diagnosis.

If the problem persists after trying these solutions, contact Alpine customer support or a qualified car audio technician.

SPECIFICATIONS

Feature	Specification
Brand	Alpine
Model Number	S2-S65
Speaker Type	Coaxial
Woofer Diameter	6.5 inches (16.5 cm)
Tweeter Diameter	1 inch (2.54 cm) integrated
Maximum Peak Power	240 Watts
Maximum RMS Power	80 Watts
Frequency Response	Up to 40 KHz (Hi-Res Audio Certified)
Cone Material	Poly Propylene, Glass Fiber, Mica

Feature	Specification
Surround Technology	HAMR (High Amplitude Multi-Roll)
Audio Output Mode	Stereo
Connectivity Technology	Coaxial, Wired
Compatible Devices	Car Stereo
Compatible Vehicle Type	Car
Water Resistance Level	Not Water Resistant
Item Weight	6.4 pounds (for the set)
Item Dimensions (D x W x H)	4.9"D x 8.2"W x 16.5"H (packaging dimensions)

WARRANTY INFORMATION

The Alpine S2-S65 speaker set is covered by a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, neglect, unauthorized modification, or normal wear and tear. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the warranty card included with your product or visit the official Alpine website.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Alpine customer support:

- **Website:** Visit the official Alpine website for support resources, FAQs, and contact information.
- **Phone:** Refer to the contact details provided on the Alpine website or in your product packaging.

When contacting support, please have your product model number (S2-S65) and proof of purchase readily available.

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.

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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.

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