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Alpine ALP19-S-S65x2wWire

Alpine S-S65 Car Audio Speakers Instruction Manual

Model: ALP19-S-S65x2wWire

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INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Alpine S-S65 Car Audio Type S Series 6 1/2" Speakers. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image: Alpine S-S65 Car Audio Speakers, showing the speaker cone and frame.

SAFETY INFORMATION

Always observe the following safety precautions:

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure all wiring is properly insulated to prevent short circuits.
- Do not install speakers in locations that obstruct vehicle operation or safety devices.
- Use appropriate tools and wear safety glasses during installation.
- Consult a professional installer if you are unsure about any part of the installation process.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Two (2) pairs of Alpine S-S65 speakers (total of 4 speakers)
- Twenty (20) feet of 16 gauge CCA car stereo blue speaker wire

- Mounting hardware (screws, clips, etc. - *specifics may vary, refer to actual packaging*)
- Instruction Manual (this document)

SETUP AND INSTALLATION

Tools Required:

- Screwdriver set (Phillips and flathead)
- Wire strippers/cutters
- Drill (if custom mounting holes are needed)
- Multimeter (for checking polarity)
- Safety glasses

Installation Steps:

1. **Prepare the Vehicle:** Disconnect the negative terminal of the vehicle's battery. Remove existing speakers or trim panels to access the speaker mounting locations.
2. **Mount the Speakers:**
 - Carefully place the Alpine S-S65 speaker into the designated opening.
 - Align the mounting holes. If new holes are required, mark and drill pilot holes, ensuring no damage to underlying components.
 - Secure the speaker using the provided screws. Do not overtighten.
3. **Wire the Speakers:**
 - Identify the positive (+) and negative (-) terminals on the speaker and the corresponding wires from your car stereo. The included speaker wire typically has a stripe or marking on one conductor to denote polarity.
 - Strip approximately 1/2 inch of insulation from the ends of the speaker wires.
 - Connect the positive wire from the stereo to the speaker's positive terminal and the negative wire to the speaker's negative terminal. Ensure connections are secure and free from stray strands that could cause a short circuit.
 - Repeat for all speakers.
4. **Test Connections:** Before reassembling panels, temporarily reconnect the battery and test the audio system to ensure all speakers are functioning correctly and in phase.
5. **Reassemble:** Once confirmed, disconnect the battery again, secure all wiring, and reassemble any removed trim panels. Reconnect the battery.

OPERATING INSTRUCTIONS

The Alpine S-S65 speakers are passive components and operate in conjunction with your car's head unit or amplifier. Proper operation involves setting your audio system's output levels and equalization.

Initial Audio Settings:

- **Volume:** Start with the volume at a low level and gradually increase it to a comfortable listening level.
- **Balance and Fader:** Adjust the balance (left/right) and fader (front/rear) settings on your head unit to ensure even sound distribution.
- **Equalization (EQ):** Adjust bass, treble, and mid-range settings to your preference. Avoid excessive boosting of

bass or treble, which can lead to distortion or speaker damage at high volumes.

- **Crossover Settings:** If your head unit or amplifier has crossover settings, it is recommended to set a high-pass filter for the S-S65 speakers to protect them from very low frequencies, typically around 80-100 Hz, especially if a subwoofer is also installed.

For optimal sound quality, refer to your car stereo's manual for detailed instructions on adjusting audio settings.

MAINTENANCE

The Alpine S-S65 speakers require minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker grilles and surrounds. Avoid using harsh chemicals or abrasive cleaners.
- **Environmental Factors:** While designed for automotive use, avoid exposing speakers to excessive moisture or extreme temperatures. The speakers are *not waterproof*.
- **Wiring Inspection:** Periodically check speaker wire connections for tightness and corrosion. Loose connections can lead to poor sound quality or intermittent operation.
- **Grille Protection:** Ensure speaker grilles are securely in place to protect the cones from physical damage.

TROUBLESHOOTING

If you experience issues with your Alpine S-S65 speakers, consult the following table before seeking professional assistance.

Problem	Possible Cause	Solution
No sound from speaker(s)	Loose or disconnected wiring Incorrect polarity Speaker damaged Head unit/amplifier issue	Check all speaker wire connections at both the speaker and the head unit/amplifier. Verify correct positive/negative wiring. Test with a known working speaker. Check head unit/amplifier output.
Distorted sound	Volume too high Incorrect EQ settings Speaker damaged Amplifier clipping	Reduce volume. Adjust bass/treble settings; reset EQ to flat. Inspect speaker cone for physical damage. Ensure amplifier gain is set correctly and not overdriving the speakers.
Intermittent sound	Loose wiring connection Faulty speaker wire	Check and secure all connections. Inspect speaker wire for cuts or damage; replace if necessary.

SPECIFICATIONS

Key technical specifications for the Alpine S-S65 speakers:

- **Speaker Type:** Coaxial
- **Speaker Size:** 6.5 Inches (16.51 cm)
- **Maximum Output Power:** 320 Watts (per pair)
- **Audio Output Mode:** Stereo, Surround

- **Connectivity Technology:** Coil (Wired)
- **Woofers Diameter:** 6.5 Inches
- **Tweeter Diameter:** 1 Inch
- **Number of Audio Channels:** 2.0
- **Mounting Type:** Car Mount
- **Is Waterproof:** No
- **Model Number:** ALP19-S-S65x2wWire
- **UPC:** 603167633939

WARRANTY AND SUPPORT

Warranty Information:

The Alpine S-S65 speakers come with a **Limited Warranty**. Specific terms and duration of the warranty are typically provided with your purchase documentation or can be found on the official Alpine website. Please retain your proof of purchase for warranty claims.

The warranty generally covers defects in materials and workmanship under normal use. It typically does not cover damage resulting from improper installation, accident, misuse, abuse, neglect, unauthorized modification, or normal wear and tear.

Customer Support:

For technical assistance, warranty claims, or further information, please contact Alpine customer support through their official website or the contact details provided in your product packaging.

Alpine Official Website: www.alpine-usa.com (*This is a placeholder URL, please verify the actual official website for Alpine support.*)