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> [Jensen JS65T 6.5-inch 3-Way Speaker System User Manual](#)

Jensen JS65T

Jensen JS65T 6.5-inch 3-Way Speaker System User Manual

INTRODUCTION

Thank you for choosing the Jensen JS65T 6.5-inch 3-Way Speaker System. This manual provides essential information for the proper installation, operation, and maintenance of your new speakers. Please read this manual thoroughly before installation and retain it for future reference.

The Jensen JS65T speakers are designed to deliver clear and vibrant sound. They feature an injection-molded polypropylene woofer cone, a durable nitrile butadiene rubber surround, a 35mm PEI balanced dome midrange, and a 15mm piezo tweeter for a full-range audio experience. Protective grilles are included.

SAFETY INFORMATION

Important Safety Precautions:

- Always disconnect the vehicle's battery negative terminal before beginning any electrical installation to prevent short circuits.
- Ensure all wiring is properly insulated to prevent damage to the vehicle's electrical system or the speakers.
- Do not install speakers in locations that obstruct the driver's view or interfere with vehicle operation.
- Avoid exposing speakers to excessive moisture or direct sunlight.
- If you are unsure about any installation steps, consult a qualified professional car audio installer.
- Operating audio systems at excessively high volumes can cause permanent hearing damage. Adjust volume to a safe level.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Two (2) Jensen JS65T 6.5-inch 3-Way Speakers
- Two (2) Speaker Grilles
- Mounting Hardware (screws, clips)
- Speaker Wire (optional, may vary by retailer)

SETUP AND INSTALLATION

Proper installation is crucial for optimal speaker performance. Follow these general guidelines:

Tools Required (Not Included):

- Screwdriver set (Phillips and flathead)
- Wire strippers/crimpers
- Drill (if creating new mounting holes)
- Measuring tape
- Safety glasses

Mounting Location:

Select a suitable mounting location in your vehicle, typically in door panels or rear deck. Ensure there is sufficient depth and clearance for the speaker magnet and basket. The JS65T speakers are 6.5 inches in diameter.

Wiring Connections:

The JS65T speakers have a 4-Ohm impedance. Connect the speaker wires from your amplifier or head unit to the speaker terminals. Ensure correct polarity: positive (+) to positive (+) and negative (-) to negative (-). Incorrect polarity can result in poor sound quality and reduced bass response.

Use appropriate gauge speaker wire for your installation. For typical car audio installations, 16-gauge or 18-gauge wire is often sufficient. Secure all connections firmly.

Speaker Installation Steps:

1. **Disconnect Power:** Before starting, disconnect the vehicle's battery negative terminal.
2. **Remove Existing Speakers (if applicable):** Carefully remove any existing speakers or panels to access the mounting location.
3. **Test Fit:** Place the new Jensen JS65T speaker into the opening to ensure a proper fit. If necessary, use a template (not included) to mark and cut the opening.
4. **Connect Wires:** Connect the speaker wires to the terminals on the back of the speaker, observing correct polarity.
5. **Mount Speaker:** Secure the speaker using the provided mounting screws. Do not overtighten.
6. **Install Grille:** If desired, attach the protective grille over the speaker.
7. **Repeat for Second Speaker:** Follow the same steps for the second speaker.
8. **Reconnect Power:** Once both speakers are securely installed and wired, reconnect the vehicle's battery negative terminal.
9. **Test System:** Turn on your audio system and test the speakers at a low volume.



Figure 1: Jensen JS65T speaker with its protective grille attached. The grille helps shield the speaker components from physical damage.



Figure 2: Jensen JS65T speaker without the grille, revealing the polypropylene woofer cone, the central PEI balanced dome midrange, and the piezo tweeter. This view shows the speaker's 3-way design.

OPERATING INSTRUCTIONS

Once installed, your Jensen JS65T speakers will operate as part of your vehicle's audio system. No specific controls are present on the speakers themselves.

- **Audio Source:** Play audio from your connected head unit or amplifier.
- **Volume Control:** Adjust the volume using your head unit's controls. Avoid excessively high volumes to prevent speaker damage and hearing loss.
- **Tone Controls:** Use your head unit's equalizer or tone controls (bass, treble, balance, fader) to fine-tune the sound to your preference.
- **Break-in Period:** Allow a short break-in period (typically 10-20 hours of normal use) for the speaker components to loosen up and achieve optimal sound performance.

MAINTENANCE

The Jensen JS65T speakers require minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Gently wipe the speaker grilles and surrounds with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the speaker surrounds for any signs of cracking or deterioration. Check wiring connections for tightness.
- **Environmental Protection:** Keep speakers away from extreme temperatures, direct sunlight, and excessive moisture.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none"> • Loose or disconnected wiring • Incorrect polarity • Head unit/amplifier not powered on or faulty • Speaker damaged 	<ul style="list-style-type: none"> • Check all speaker wire connections at both the speaker and amplifier/head unit. • Verify correct positive/negative connections. • Ensure head unit/amplifier is on and functioning. • If other solutions fail, speaker may require replacement.
Distorted or poor sound quality	<ul style="list-style-type: none"> • Incorrect polarity • Over-driving speakers (volume too high) • Loose mounting • Damaged speaker cone or surround • Improper equalizer settings 	<ul style="list-style-type: none"> • Check speaker wire polarity. • Reduce volume level. • Ensure speakers are securely mounted. • Inspect speaker for physical damage. • Adjust equalizer settings on your head unit.
One speaker not working	<ul style="list-style-type: none"> • Loose connection to that specific speaker • Faulty speaker wire • Speaker damaged • Head unit/amplifier channel issue 	<ul style="list-style-type: none"> • Check connections for the non-working speaker. • Test with a known good speaker wire. • Swap speakers to determine if the issue follows the speaker or the wiring/channel. • Consult head unit/amplifier manual for troubleshooting.

If these solutions do not resolve the issue, please contact Jensen customer support.

SPECIFICATIONS

Below are the technical specifications for the Jensen JS65T 6.5-inch 3-Way Speaker System:

Model Name	JS65T
Speaker Type	Triaxial 3-Way (Woofer, Midrange, Tweeter)
Speaker Size	6.5 Inches
Woofer Cone Material	Injection-Molded Polypropylene

Surround Material	Nitrile Butadiene Rubber
Midrange Driver	35mm PEI Balanced Dome
Tweeter	15mm Piezo
Power Handling (RMS)	50 Watts
Power Handling (Peak)	250 Watts
Impedance	4 Ohms
Product Dimensions	18"D x 8"W x 14"H
Item Weight	5.44 pounds (per pair)
Included Components	Grilles
Connectivity Technology	Coaxial (Wired)

Note: Product dimensions provided (18"D x 8"W x 14"H) may refer to packaging. Please measure actual speaker for precise mounting depth and diameter.

WARRANTY INFORMATION

Jensen products are manufactured to high-quality standards. The Jensen JS65T speakers come with a **Limited Warranty**.

For specific details regarding the terms, conditions, and duration of your warranty, please refer to the warranty card included with your purchase or visit the official Jensen website. Proof of purchase is typically required for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Jensen JS65T speakers, please contact Jensen customer support.

You can typically find support contact information, FAQs, and additional resources on the official Jensen website:

[Visit Jensen Mobile Website](#)

Please have your product model number (JS65T) and proof of purchase ready when contacting support.