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> [JVC CS-J6930 6"x9" 3-Way Car Audio Speakers User Manual](#)

JVC CS-J6930

JVC CS-J6930 6"x9" 3-Way Car Audio Speakers User Manual

Model: CS-J6930

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JVC CS-J6930 6"x9" 3-Way Car Audio Speakers. Please read this manual thoroughly before use to ensure proper function and longevity of your product.



Figure 1: JVC CS-J6930 6x9 inch 3-Way Car Audio Speakers

The JVC CS-J6930 speakers are designed to enhance your car audio experience with a 3-way coaxial design, featuring a carbon mica woofer, PEI midrange driver, and polyetherimide dome tweeter for clear and powerful sound reproduction.

2. SAFETY INFORMATION

Always observe the following safety precautions during installation and operation:

- Disconnect the vehicle's battery before beginning any electrical work to prevent short circuits and electrical shock.
- Wear appropriate safety gear, including eye protection, during installation.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits and damage to the speakers or vehicle's electrical system.
- Do not install speakers in locations that obstruct the driver's view or interfere with vehicle safety features (e.g., airbags).
- Avoid exposing speakers to excessive moisture or extreme temperatures.
- Consult a professional if you are unsure about any part of the installation process.

3. WHAT'S IN THE BOX

Your JVC CS-J6930 speaker package includes:

- Two (2) JVC CS-J6930 6"x9" 3-Way Car Audio Speakers
- Speaker Grilles (optional for installation)
- Mounting Hardware (screws, clips)

- Wiring Harness Adapters (may be included or purchased separately)

4. INSTALLATION GUIDE

Follow these steps for proper installation of your JVC CS-J6930 speakers. Professional installation is recommended if you are unfamiliar with car audio systems.

4.1. Tools Required

- Screwdriver set (Phillips, flathead)
- Socket wrench set (8mm socket for speaker bolts)
- Wire strippers/crimpers
- Pliers or box cutter (for plastic modification, if necessary)
- Safety glasses

4.2. Removing Existing Speakers

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery.
2. **Remove Door Panel:** Carefully remove the vehicle's door panel to access the existing speaker. Refer to your vehicle's service manual for specific instructions on door panel removal.
3. **Unbolt Old Speaker:** Locate the bolts securing the old speaker. Typically, there are four bolts. Use an 8mm socket wrench to loosen and remove these bolts.
4. **Disconnect Wiring:** Gently pull the old speaker out. Be careful not to yank the wiring harness. Disconnect the wiring connector from the back of the old speaker by pressing the release tab and pulling.



Figure 2: Front view of the JVC CS-J6930 speaker.

This image shows the front of the JVC CS-J6930 speaker, highlighting its 3-way design with the woofer, midrange, and tweeter components.

4.3. Connecting New Speakers

1. **Prepare Wiring Adapters:** Take one of the provided wiring harness adapters. Connect the adapter's terminals to the corresponding positive (+) and negative (-) terminals on the back of the new JVC speaker. The positive terminal is typically larger.



Figure 3: Rear view of JVC CS-J6930 speaker showing wiring terminals.

This image displays the rear of the JVC CS-J6930 speaker, clearly showing the positive and negative input terminals for wiring connections.

2. **Connect to Vehicle Harness:** Plug the other end of the wiring harness adapter into the vehicle's factory speaker connector. Ensure a secure connection.
3. **Address Plastic Obstruction (if applicable):** Some vehicle models may have a small plastic nub near the speaker mounting area that obstructs the new speaker's fit. If this occurs, carefully use pliers or a box cutter to trim or remove the obstructing plastic piece to allow the new speaker to sit flush.

4.4. Installing New Speakers

1. **Position Speaker:** Carefully place the new JVC speaker into the speaker opening, ensuring the wiring is not pinched.
2. **Secure Speaker:** Align the speaker's mounting holes with the vehicle's mounting points. Insert and tighten the bolts using an 8mm socket wrench. Do not overtighten.
3. **Test Functionality:** Before reattaching the door panel, reconnect the vehicle's battery and test the speaker's functionality with your car's audio system. Ensure sound is clear and free of distortion.
4. **Reattach Door Panel:** Once confirmed working, disconnect the battery again, then carefully reattach the door panel. Reconnect the battery.

4.5. Installation Video Guide

For a visual guide on the installation process, please refer to the official video below:

[Your browser does not support the video tag.](#)

Video 1: How to Install JVC CS-J6930 400W Car Speakers.

This video provides a step-by-step demonstration of installing the JVC CS-J6930 car speakers, including removing old speakers, connecting wiring, and securing the new units.

5. OPERATION

Once installed, your JVC CS-J6930 speakers operate as part of your vehicle's existing audio system. No special operation is required for the speakers themselves.

- **Audio Source:** Play audio through your car's head unit (radio, CD player, Bluetooth, etc.).
- **Sound Adjustment:** Adjust volume, bass, treble, and balance settings via your car's head unit to optimize sound quality 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 and achieve optimal sound performance.

6. MAINTENANCE

To ensure the longevity and optimal performance of your JVC CS-J6930 speakers, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the speaker grilles and surrounding areas with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the speaker mounting bolts for tightness and the wiring connections for any signs of wear or corrosion.
- **Environmental Protection:** While designed for car environments, avoid prolonged exposure to extreme heat, direct sunlight, or excessive moisture when possible.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect wiring connection; Blown fuse in car audio system; Faulty speaker.	Check all wiring connections for tightness and correct polarity. Inspect vehicle's audio system fuses. Test speaker with a known good audio source.
Distorted or poor sound quality	Incorrect audio settings (bass/treble); Loose mounting; Damaged speaker cone; Insufficient power from head unit.	Adjust audio settings on your head unit. Ensure speaker is securely mounted. Inspect speaker cone for visible damage. Consider adding an amplifier if power is insufficient.
Intermittent sound	Loose wiring connection; Damaged speaker wire.	Check and secure all wiring connections. Inspect speaker wires for cuts or fraying and replace if damaged.

If troubleshooting steps do not resolve the issue, contact JVC customer support or a qualified car audio technician.

8. SPECIFICATIONS

Key technical specifications for the JVC CS-J6930 6"x9" 3-Way Car Audio Speakers:

- **Speaker Type:** 3-Way Coaxial
- **Speaker Size:** 6"x9"

- **Peak Power Handling:** 400 Watts
- **Impedance:** 4 Ohms
- **Frequency Response:** 30-22,000 Hz
- **Sensitivity:** 92dB
- **Woofers Material:** Carbon Mica
- **Midrange Driver:** 2-1/16" PEI
- **Tweeter:** 9/16" Polyetherimide Dome
- **Top-mount Depth:** 3 inches
- **Product Dimensions:** 13"D x 8"W x 4"H
- **Item Weight:** 4.4 Pounds
- **Included Components:** Speaker (2)

9. WARRANTY AND SUPPORT

The JVC CS-J6930 speakers come with a Fixed Warranty. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official JVC website. For technical support, troubleshooting assistance, or service inquiries, please contact JVC customer support through their official channels.