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› CERWIN-VEGA! V468 6x8 Inch 2-Way Coaxial Speaker Set Instruction Manual

Cerwin Vega V468

CERWIN-VEGA! V468 6x8 Inch 2-Way Coaxial Speaker Set

Model: V468

INTRODUCTION

Thank you for choosing the CERWIN-VEGA! V468 6x8 Inch 2-Way Coaxial Speaker Set. This manual provides essential information for the proper installation, operation, and maintenance of your new car audio speakers. Please read this manual thoroughly before attempting installation or use to ensure optimal performance and safety. Keep this manual for future reference.

IMPORTANT SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent short circuits and electrical shock.
- Professional installation is recommended for optimal performance and to avoid damage to your vehicle or speakers.
- Ensure all wiring is properly insulated and secured to prevent pinching or damage.
- Do not expose speakers to excessive moisture or water, as they are not waterproof.
- California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PACKAGE CONTENTS

Please check the package for the following items:

- 2 x CERWIN-VEGA! V468 6x8 Inch 2-Way Coaxial Speakers
- Mounting Hardware (screws, clips)

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your speakers. Follow these guidelines for a successful setup.

1. Pre-Installation Checklist

- Ensure you have all necessary tools: screwdrivers, wire strippers, crimping tool, drill (if needed), and safety glasses.
- Verify the speaker size and mounting depth are compatible with your vehicle's factory locations.
- Disconnect the vehicle's negative battery terminal.

2. Mounting the Speakers

The V468 speakers feature a flexible basket design, allowing for easier adaptation to various factory mounting holes. This design simplifies installation and ensures proper alignment for a perfect fit.



Figure 1: Front view of the CERWIN-VEGA! V468 6x8 inch coaxial speaker, showing the cone and tweeter.



Figure 2: Side view of the CERWIN-VEGA! V468 6x8 inch coaxial speaker, highlighting the terminals and magnet structure for wiring connections.

3. Wiring Connections

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 wiring can lead to phase issues and poor sound quality. The V468 speakers have an impedance of 4 Ohms.

4. Speaker Placement

For optimal sound, install the speakers in locations that allow for clear sound projection into the vehicle's cabin. Avoid obstructions that could muffle the sound.

5. Enhancing Speaker Performance with Baffles

Consider using silicone rubber speaker baffles to protect your speakers from moisture and improve sound quality by directing the sound waves more effectively into the cabin. These baffles can also help absorb back waves and prevent sound cancellation.

Video 1: This video demonstrates the installation and benefits of silicone rubber speaker baffles, which can enhance the performance and longevity of your car speakers by protecting them from moisture and improving sound direction.

OPERATING YOUR SPEAKERS

Once installed, your CERWIN-VEGA! V468 speakers are ready to deliver high-quality audio. These speakers are designed to handle 75 Watts RMS and 400 Watts Max power.

- **Power On:** Turn on your car's head unit or amplifier.
- **Volume Control:** Adjust the volume to a comfortable listening level. Avoid excessively high volumes that can cause distortion or damage to the speakers.
- **Audio Settings:** Use your head unit's settings to adjust bass, treble, balance, and fade for personalized sound.

Video 2: This product overview video provides a visual introduction to the speakers, showcasing their design and features, which can help users

understand their new audio equipment.

MAINTENANCE

To ensure the longevity and performance of your speakers, follow these simple maintenance tips:

- **Cleaning:** Use a soft, dry cloth to wipe down the speaker grilles and surrounds. Avoid using abrasive cleaners or solvents, as these can damage the materials.
- **Moisture Protection:** Keep the speakers dry. As they are not waterproof, exposure to excessive moisture can cause damage.
- **Regular Inspection:** Periodically check wiring connections for any signs of corrosion or looseness.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Sound	Loose or incorrect wiring; Head unit/amplifier off or faulty.	Check all wiring connections for proper polarity and secure fit. Ensure head unit/amplifier is powered on and functioning correctly.
Distorted Sound	Volume too high; Incorrect audio settings; Damaged speaker.	Reduce volume. Adjust bass/treble settings. Inspect speaker cone for physical damage.
Weak or No Bass	Incorrect wiring polarity; Bass settings too low; Speaker not properly sealed.	Verify speaker wire polarity. Increase bass settings on head unit/amplifier. Ensure speaker is securely mounted and sealed in its enclosure.

SPECIFICATIONS

Here are the technical specifications for your CERWIN-VEGA! V468 speakers:

- **Model Name:** V468
- **Speaker Type:** Coaxial
- **Speaker Size:** 6x8 Inches
- **Maximum Output Power:** 400 Watts (Peak)
- **RMS Power Handling:** 75 Watts
- **Impedance:** 4 Ohms
- **Frequency Response:** 20 KHz (Upper limit, typical for full-range)
- **Connectivity Technology:** Wired
- **Included Components:** 2 speakers, mounting hardware
- **Product Dimensions:** 5.5"D x 11"W x 7.5"H
- **Item Weight:** 4.4 pounds (2 Kilograms)
- **Material:** Plastic Or Metal
- **Color:** Black

WARRANTY INFORMATION

This CERWIN-VEGA! V468 speaker set comes with a Limited Warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the official Cerwin Vega website or contact their customer support directly.

CUSTOMER SUPPORT

Should you require further assistance, have questions not covered in this manual, or need technical support, please contact Cerwin Vega customer service. Contact information can typically be found on the official Cerwin Vega website or on your product packaging.