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Cerwin Vega CVP10S4

CERWIN-VEGA! CVP10S4 10-inch Car Audio Subwoofer Instruction Manual

Model: CVP10S4 | Brand: Cerwin Vega

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your CERWIN-VEGA! CVP10S4 10-inch Car Audio Subwoofer. The CERWIN-VEGA! CVP10S4 is designed to deliver powerful and reliable bass performance, enhancing your car audio experience. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** For optimal performance and safety, professional installation by a qualified car audio technician is highly recommended.
- **Electrical Safety:** Always disconnect the vehicle's battery before performing any electrical work. Ensure all wiring is correctly connected and insulated to prevent short circuits and electrical hazards.
- **Mounting:** Securely mount the subwoofer and any associated components (e.g., amplifier) to prevent them from becoming projectiles during sudden stops or accidents.
- **Hearing Protection:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Use caution when adjusting volume levels.
- **Ventilation:** Ensure adequate ventilation around the subwoofer and amplifier to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- CERWIN-VEGA! CVP10S4 10-inch Subwoofer
- Installation Screws

4. PRODUCT OVERVIEW

The CERWIN-VEGA! CVP10S4 is a 10-inch single voice coil subwoofer designed for car audio systems. It features a robust construction and is capable of handling up to 450 Watts of power, delivering deep and rich bass. Its design allows for flexible impedance configurations, making it compatible with various amplifier setups.

Key Features:

- 10-inch Single Voice Coil Design
- 450 Watts Maximum Output Power
- 4 Ohm Impedance
- Impedance Reconfigurable Feature
- Durable Construction for Enhanced Bass Performance

Product Image:



Front view of the CERWIN-VEGA! CVP10S4 10-inch Car Audio Subwoofer, showcasing its black cone with red accents and the Cerwin Vega logo.

Product Videos:

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Product Overview Video: A brief overview of the subwoofer's features and design. (Source: Amazon Product Imaging)

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10-inch Car Audio Subwoofer Overview: This video provides a general overview of a 10-inch shallow mount car audio subwoofer, similar in size and application to the CVP10S4. (Source: Seventour)

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Subwoofer Demo: A demonstration of a 10-inch subwoofer's bass output and performance. (Source: ORION CAR AUDIO)

5. SETUP & INSTALLATION

Proper installation is crucial for the performance and longevity of your subwoofer. Ensure you have the correct enclosure and amplifier for your specific setup.

Enclosure Requirements:

- **Mounting Depth:** The CVP10S4 has a mounting depth of 5.8 inches. Ensure your enclosure provides sufficient depth.
- **Cutout Diameter:** The required cutout diameter for installation is approximately 10 inches.

Wiring Configuration:

The CVP10S4 features a single voice coil with a 4 Ohm impedance. Proper wiring to your amplifier is essential. Refer to your amplifier's manual for specific wiring diagrams and impedance matching recommendations.

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Wiring for 2 SVC 4 Ohm Subwoofers: This video demonstrates wiring configurations for two single voice coil 4 Ohm subwoofers. While your CVP10S4 is a single subwoofer, the principles of connecting a 4 Ohm SVC to an amplifier are applicable. (Source: Audiosavings)

Amplifier Matching:

Match your subwoofer's impedance (4 Ohm) with an amplifier capable of delivering appropriate power at that impedance. The CVP10S4 has a maximum output power of 450 Watts. Select an amplifier that can provide sufficient RMS power without exceeding the subwoofer's capabilities.

6. OPERATION

Break-in Period:

Allow a break-in period of approximately 10-20 hours of normal listening before operating the subwoofer at high volumes. This allows the suspension components to loosen up, improving performance and longevity.

Adjusting Settings:

Adjust your amplifier's gain, low-pass filter (LPF), and bass boost settings according to your preferences and the acoustics of your vehicle. Start with conservative settings and gradually increase them to avoid distortion or damage.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the subwoofer cone and surround. Avoid using harsh chemicals or abrasive materials.

- **Inspection:** Periodically inspect the wiring connections for tightness and corrosion. Check the subwoofer surround for any signs of damage or wear.
- **Environmental Factors:** Protect the subwoofer from extreme temperatures, moisture, and direct sunlight.

8. TROUBLESHOOTING

No Sound:

- Check all power and ground connections to the amplifier.
- Verify the remote turn-on wire is connected and receiving power.
- Ensure RCA cables are securely connected to both the head unit and amplifier.
- Confirm speaker wires are correctly connected to the subwoofer and amplifier, checking for shorts.
- Check the amplifier's fuses.

Distorted Sound:

- Reduce the amplifier's gain setting.
- Check for proper crossover settings on the amplifier or head unit.
- Ensure the subwoofer is not overdriven.
- Verify the enclosure is sealed properly (if applicable) and free from air leaks.

Overheating Amplifier:

- Ensure adequate ventilation around the amplifier.
- Check for correct impedance matching between the subwoofer and amplifier.
- Reduce the gain setting.

9. SPECIFICATIONS

Feature	Specification
Brand	Cerwin Vega
Model Name	CVP Series
Item Model Number	CVP10S4
Speaker Type	Subwoofer
Subwoofer Diameter	10 Inches
Woofer Diameter	10 Inches
Speaker Maximum Output Power	450 Watts
Impedance	4 Ohm
Frequency Response	150 Hz
Product Dimensions	5.8"D x 10"W x 5.8"H

Item Weight	9.32 pounds
Input Voltage	12 Volts
Connectivity Technology	RCA, Wired
Special Feature	Impedance Reconfigurable
Included Components	Installation Screws
Color	Black
Manufacturer	Cerwin-Vega!

10. WARRANTY & SUPPORT

This product comes with a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official Cerwin Vega website or contact their customer service.

You can also visit the [CERWIN-VEGA! Store on Amazon](#) for more information and product offerings.