CERWIN-VEGA! CVMPCL1-0T

Cerwin Vega CVMPCL1.0T Tweeters User Manual

Model: CVMPCL1-0T
Brand: CERWIN-VEGA!

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Cerwin Vega CVMPCL1.0T 1" Flush Mount Stroker Pro Series Tweeters. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

2. Product Overview

2.1 Key Features

- 1" Stroker Pro Series Car Tweeters
- Power Handling: Peak: 200 watts per pair / 100 watts each
- RMS: 100 watts per pair / 50 watts each
- 4 ohms impedance
- 12dB Crossover Included
- Flush Mountable Design
- Sensitivity: 105dB
- Frequency response: 1,250-22,000 Hz
- Top-mount depth: 2.0"

2.2 What's in the Box

- Cerwin Vega CVMPCL1.0T Tweeters (Pair)
- 12dB Crossover (Pair)
- Mounting Hardware



Image: A pair of Cerwin Vega CVMPCL1.0T Stroker Pro Series Tweeters, black with gold accents, shown from the front.

3. Setup and Installation

Proper installation is crucial for optimal performance and longevity of your tweeters. It is recommended that installation be performed by a qualified professional.

3.1 Mounting Considerations

- The CVMPCL1.0T tweeters are designed for flush mounting.
- Ensure adequate depth (2.0 inches / 50.8mm) is available at the chosen mounting location.
- The overall diameter is 2.25 inches / 57.15mm.
- Choose a location that allows for optimal sound dispersion and is free from obstructions.

3.2 Wiring Instructions

1. Disconnect the vehicle's battery before beginning any wiring.
2. Connect the included 12dB crossover to your amplifier's output.
3. Connect the tweeter to the designated tweeter output on the 12dB crossover. Ensure correct polarity (+ to + and - to -).
4. Secure all wiring to prevent shorts and interference.



Image: Cerwin Vega CVMPCL1.0T tweeters and woofers professionally installed in a car door panel, demonstrating a typical mounting scenario.

4. Operating the Tweeters

Once installed, the tweeters operate as part of your vehicle's audio system. Proper tuning of your amplifier and head unit is essential for optimal sound quality.

4.1 Audio System Integration

- The 12dB crossover ensures that only high frequencies are sent to the tweeters, protecting them from damaging low frequencies.
- Adjust the gain settings on your amplifier according to the amplifier's manual and the tweeter's power handling specifications (50W RMS / 100W MAX per tweeter).
- Utilize the equalizer settings on your head unit or external processor to fine-tune the sound to your preference.

4.2 Recommended Usage

- These tweeters are designed for car and truck audio systems.
- Avoid prolonged operation at maximum volume levels to prevent distortion and potential damage.

5. Maintenance

The Cerwin Vega CVMPCL1.0T tweeters require minimal maintenance to ensure long-term performance.

- Keep the tweeters clean by gently wiping them with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive cleaners.
- Periodically check wiring connections for tightness and corrosion.
- The diaphragms are serviceable, meaning they can be replaced if damaged (professional service recommended).

6. Troubleshooting

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

Problem	Possible Cause	Solution
No sound from tweeters	Loose wiring, incorrect polarity, amplifier off, crossover issue, damaged tweeter.	Check all connections, verify polarity, ensure amplifier is powered on, inspect crossover, test tweeter with known good source (carefully).
Distorted sound	Amplifier gain too high, improper crossover setting, damaged tweeter, low power.	Reduce amplifier gain, verify crossover is correctly installed, check for physical damage, ensure adequate power supply.
One tweeter not working	Loose connection, damaged wiring, faulty tweeter.	Inspect wiring for the specific tweeter, swap tweeters (if possible) to isolate the issue, consult professional if tweeter is faulty.

If the problem persists after attempting these solutions, contact Cerwin Vega customer support or a qualified car audio technician.

7. Specifications

Feature	Specification
Model Name	CVMPCL1.0T
Speaker Type	Tweeter
Power Handling (RMS)	50W each / 100W per pair
Power Handling (MAX)	100W each / 200W per pair
Impedance	4 Ohm
Frequency Response	1,250 - 22,000 Hz
Sensitivity	105dB

Feature	Specification
Included Components	12dB Crossover
Mounting Type	Flush Mount
Overall Depth	2.0" (50.8mm)
Overall Diameter	2.25" (57.15mm)
Item Weight	3.37 pounds
Manufacturer	Cerwin Vega



Image: A single Cerwin Vega CVMPCL1.0T tweeter, showing its compact design and mounting points from an angled perspective.

8. Warranty and Support

8.1 Warranty Information

The Cerwin Vega CVMPCL1.0T Tweeters come with a **Limited Warranty**. Please refer to the warranty card included with your product or visit the official Cerwin Vega website for detailed terms and conditions regarding warranty coverage, duration, and claims process.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Cerwin Vega customer support. Contact information can typically be found on the manufacturer's official website or on the product packaging.
Manufacturer: Cerwin Vega
Note: Specific contact details (phone numbers, email addresses) are not provided in this manual. Please refer to the official brand resources.

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Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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