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> VOYZ Chrome Super Tweeter VZ-ST700 User Manual

VOYZ VZ-ST700_SET

VOYZ Chrome Super Tweeter VZ-ST700 User Manual

Model: VZ-ST700

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your VOYZ Chrome Super Tweeter VZ-ST700. Designed for car sound systems and professional audio applications, these tweeters enhance your audio experience with crystal-clear high frequencies. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.



Image: A pair of VOYZ Chrome Super Tweeters, showcasing their chrome finish and bullet horn design.

SAFETY INFORMATION

- **Electrical Safety:** Always disconnect the vehicle's battery before performing any electrical work. Incorrect wiring can cause damage to the tweeters, amplifier, or vehicle's electrical system, and may void the warranty.
- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended to ensure proper functionality and safety.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Use caution when adjusting volume.
- **Ventilation:** Ensure adequate ventilation around the tweeters and associated audio equipment to prevent overheating.
- **Mounting:** Securely mount the tweeters to prevent them from becoming loose during vehicle operation, which could cause injury or damage.

PACKAGE CONTENTS

- 2 - 3.6" Bullet Tweeters



Image: The VOYZ Super Tweeter alongside its product packaging, indicating the contents.

SETUP AND INSTALLATION

1. **Planning:** Determine the optimal mounting location for the tweeters. Consider sound dispersion and physical clearance within your vehicle.
2. **Wiring:** Connect the tweeters to your amplifier or crossover network. Ensure correct polarity (+ to + and - to -). The VZ-ST700 has an impedance of 8 Ohms. Refer to your amplifier's manual for compatible impedance loads.
3. **Crossover:** Super tweeters are designed to reproduce high frequencies. It is crucial to use an appropriate high-pass crossover to protect them from low-frequency signals that can cause damage. A recommended crossover point is typically above 3.5 kHz.
4. **Secure Mounting:** Use appropriate hardware to securely mount the tweeters. Ensure they are stable and will not vibrate loose during vehicle operation.
5. **Testing:** After installation, carefully test the system at low volume levels to confirm proper operation before increasing volume.



Image: Bottom view of a VOYZ Super Tweeter, highlighting the wiring terminals for connection.

OPERATING INSTRUCTIONS

The VOYZ VZ-ST700 Super Tweeters are passive components designed to reproduce high frequencies. Their operation is dependent on the audio signal provided by your amplifier and the settings of your head unit or external crossover.

- **Audio Source:** Ensure your audio source (e.g., car stereo, media player) is properly connected and functioning.
- **Volume Control:** Adjust the volume gradually. Avoid setting the volume to maximum levels for extended periods, as this can damage the tweeters and other audio components.
- **Sound Customization:** Utilize the equalizer and sound settings on your head unit or amplifier to fine-tune the high-frequency output to your preference. Remember that these tweeters are designed for clear, crisp highs.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe the surface of the tweeters. Avoid using abrasive cleaners or solvents.

- **Inspection:** Periodically check wiring connections to ensure they are secure and free from corrosion.
- **Environment:** While designed for car environments, avoid exposing the tweeters to excessive moisture or extreme temperatures. The product is not waterproof.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from tweeters	Incorrect wiring; Loose connection; Amplifier not powered; Crossover setting too low or incorrect.	Check all wiring connections for proper polarity and security. Ensure amplifier is on. Verify crossover settings are appropriate for tweeters.
Distorted or harsh sound	Overpowering; Incorrect crossover; Amplifier clipping; Damaged tweeter.	Reduce volume. Check crossover settings. Ensure amplifier gain is set correctly to avoid clipping. If distortion persists, the tweeter may be damaged and require replacement.
One tweeter not working	Loose connection to that specific tweeter; Damaged tweeter.	Check wiring for the non-working tweeter. Swap tweeters (if safe to do so) to determine if the issue is with the tweeter or the wiring/amplifier channel.
Tweeters get hot	Overpowering; Insufficient ventilation; Incorrect impedance match.	Reduce power to tweeters. Ensure adequate airflow around the tweeters. Verify impedance match with amplifier.
Poor high-frequency response	Incorrect crossover setting; EQ settings; Wiring issues.	Adjust crossover point higher. Check EQ settings on head unit/amplifier. Confirm wiring is correct.

No official product videos from the seller were found to embed in this manual. Please refer to the text instructions and images for guidance.

SPECIFICATIONS

Feature	Detail
Model Name	VZ-ST700
Speaker Type	Tweeter
Special Feature	Super Bullet Tweeter
Recommended Uses	Car, For Pro Car Audio
Compatible Devices	Car Audio Systems
Unit Count	2.0 Count (Pair)
Product Dimensions	4"D x 4"W x 3"H

Feature	Detail
Item Weight	8 Pounds
Impedance	8 Ohm
Is Waterproof	FALSE
Number of Items	2
Speaker Size	3.66 Inches
Speaker Maximum Output Power	1000 Watts (Max)
Connectivity Technology	Speaker Cable
Audio Output Mode	Stereo
Mounting Type	Car Mount
Voice Coil Diameter	1.48 Inches
Diaphragm Material	Titanium
Frequency Range	1.5KHz to 20KHz

WARRANTY AND SUPPORT

Warranty: The warranty period for the VOYZ Chrome Super Tweeter VZ-ST700 lasts for 30 Days from the date of purchase. This warranty does not extend to products that have been damaged or subjected to burning as a result of improper installation. Proper installation, carried out by qualified professionals, is essential to maintain the validity of this warranty.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact VOYZ customer support through their official website or the retailer where the product was purchased.

[Visit the VOYZ Store on Amazon](#) for more information and products.