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Memphis SRXPTV2

Memphis SRXPTV2 Car Pro Tweeters User Manual

Model: SRXPTV2 | Brand: Memphis

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Memphis SRXPTV2 4-inch 100w RMS Car Pro Tweeters with LED. Please read this manual thoroughly before using the product to ensure proper function and longevity.

Safety Information

Always observe the following safety precautions to prevent injury or damage to the product:

- Ensure all power is disconnected before installation or maintenance.
- Do not expose the tweeters to excessive moisture or extreme temperatures.
- Use appropriate wiring gauges and fuses as specified in the installation section.
- Consult a professional installer if you are unsure about any installation steps.
- Keep out of reach of children.

What's in the Box

Verify that all components are present before beginning installation:

- 2 Memphis Audio SRXPTV2 Pro Tweeters

Image: Two Memphis SRXPTV2 Pro Tweeters, showcasing their design and red LED illumination.

Setup and Installation

Proper installation is crucial for optimal performance. If you are not comfortable with car audio wiring, please seek professional assistance.

Mounting the Tweeters

1. **Choose a Mounting Location:** Select a location in your vehicle that allows for clear sound projection and secure mounting. Common locations include door panels, A-pillars, or dash. Ensure there is sufficient depth for the tweeter (Mounting Depth: 2.44 inches).
2. **Prepare the Mounting Surface:** If cutting a new hole, use a hole saw appropriate for the tweeter's diameter. Ensure the surface is clean and free of obstructions.
3. **Secure the Tweeter:** Insert the tweeter into the prepared opening. Use the provided screws to secure the tweeter firmly in place.

Image: Side view of the SRXPTV2 tweeters, showing their compact design suitable for various mounting locations.

Image: Rear view of a single SRXPTV2 tweeter, highlighting the wiring terminals for connection.

Wiring Connections

The SRXPTV2 tweeters have an impedance of 4 Ohm. Connect them to an amplifier or head unit capable of handling this impedance and providing sufficient power (100W RMS / 200W Peak).

- Connect the positive (+) terminal of the tweeter to the positive (+) output of your amplifier/head unit.
- Connect the negative (-) terminal of the tweeter to the negative (-) output of your amplifier/head unit.
- Ensure all connections are secure and insulated to prevent short circuits.
- For the RGB LED illumination, connect the dedicated LED wires to a compatible 12V power source, typically from your vehicle's lighting circuit or a dedicated LED controller (not included).

Operating Instructions

Once installed, the Memphis SRXPTV2 tweeters operate as part of your car audio system. They are designed to reproduce high-frequency sounds (treble) with clarity and efficiency.

Audio Playback

- Turn on your car audio system.
- Adjust the volume and equalizer settings on your head unit or amplifier to achieve your desired sound profile.
- The SRXPTV2 tweeters are designed for high SPL (Sound Pressure Level) and efficient output, providing crisp highs.

LED Illumination

- The RGB LED illuminated dust caps will light up when connected to a 12V power source.
- If using an RGB controller (sold separately), you can change the color and effects of the LED illumination.

Image: A single SRXPTV2 tweeter with its red LED illumination active, demonstrating the visual effect.

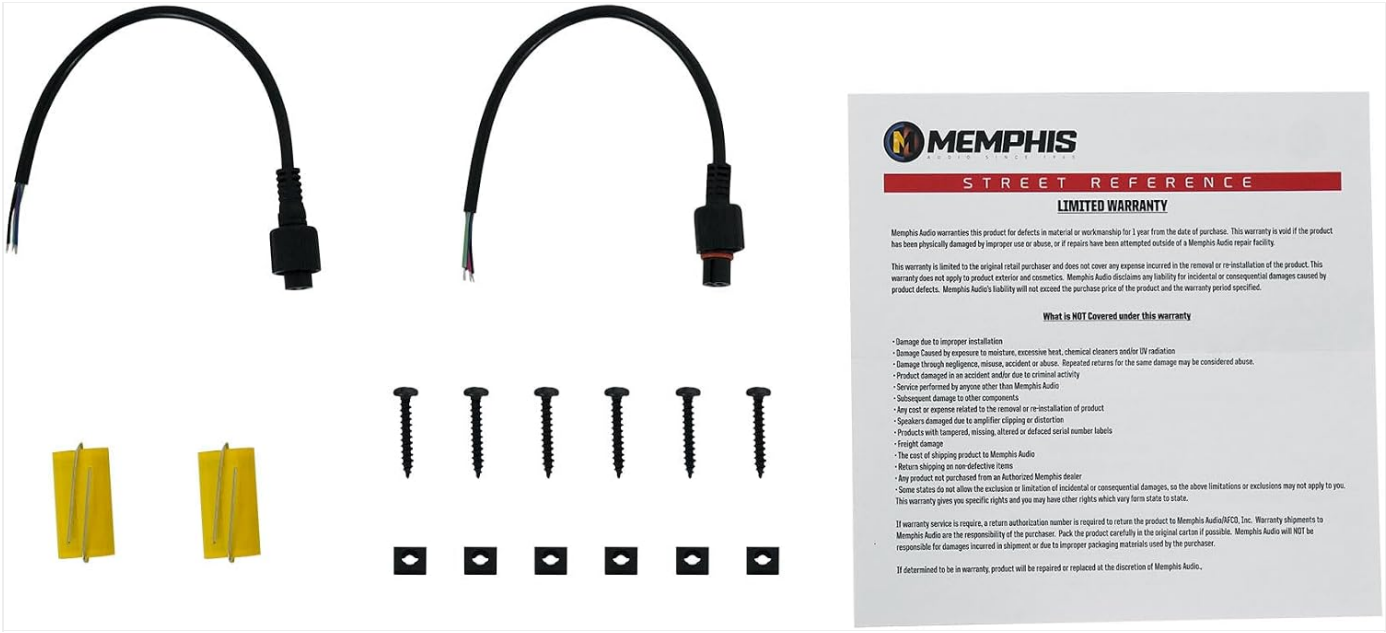

Image: A single SRXPTV2 tweeter with its green LED illumination active, demonstrating the visual effect.

Maintenance

The Memphis SRXPTV2 tweeters are designed for durability and require minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to gently wipe the surface of the tweeters. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check wiring connections to ensure they remain secure.
- **Avoid Overpowering:** While designed for high power handling, continuous overpowering can damage the tweeters. Listen for distortion and reduce volume if heard.

Troubleshooting

If you experience issues with your SRXPTV2 tweeters, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from tweeters	Loose wiring connection; Amplifier/head unit issue; Blown fuse; Incorrect wiring.	Check all wiring connections for tightness. Verify amplifier/head unit is functioning. Check vehicle's audio system fuse. Re-verify wiring polarity.
Distorted sound	Overpowering; Incorrect amplifier gain settings; Damaged tweeter.	Reduce volume. Adjust amplifier gain settings. If distortion persists at low volumes, the tweeter may be damaged and require replacement.
LEDs not illuminating	Loose LED wiring; No power to LED circuit; Faulty LED.	Check LED power connections. Ensure 12V power is supplied to the LED circuit. If connections are good, the LED may be faulty.
One tweeter not working	Individual wiring issue; Damaged tweeter.	Check wiring for the specific tweeter. Swap tweeters (if possible) to determine if the issue is with the tweeter or the wiring/source.

Specifications

Feature	Detail

Feature	Detail
Model Name	Pair Memphis Audio SRXPTV2 4" 100w RMS Car Pro Tweeters with LED - Efficient
Speaker Type	Built-In
Speaker Size	4 Inches
RMS Power	100 Watts
Peak Power	200 Watts
Sensitivity	98 dB
Frequency Response	20 KHz (High Frequency Output)
Impedance	4 Ohm
Mounting Depth	2.44 Inches
Magnet Size	5.2 OZ
Voice Coil	1.5" VC
Material	Plastic (Housing), Treated Paper Cone, Cloth Treated Surround
Special Feature	RGB LED Illuminated Dustcap, Hi Res Audio
Product Dimensions	9.49"D x 4.57"W x 3.35"H
Item Weight	3.1 Pounds
Included Components	2 Memphis Audio SRXPTV2 Pro Tweeters
Country of Origin	China

Warranty Information

Memphis Audio warrants this product to be free from defects in material or workmanship for a period of **1 year** from the date of purchase. This warranty is void if the product has been physically damaged by improper use or abuse, or if repairs have been attempted outside of a Memphis Audio repair facility.
This warranty is limited to the original retail purchaser and does not cover any expense incurred in the removal or reinstallation of the product. Memphis Audio disclaims any liability for incidental or consequential damages caused by product defects.

What is NOT Covered under this warranty:

- Damage due to improper installation.
- Damage caused by exposure to moisture, excessive heat, chemical cleaners or UV radiation.
- Damage through negligence, misuse, accident or abuse.
- Product damaged in an accident and/or due to criminal activity.
- Service performed by anyone other than Memphis Audio.
- Subsequent damage to other components.
- Any cost or expense related to the removal or re-installation of product.

- Speakers damaged due to amplifier clipping or distortion.
- Items previously repaired, missing accessories, altered or serial numbers.
- Freight damage.
- The cost of shipping product to Memphis Audio.
- Return shipping on non-defective items.
- Any product not purchased from an authorized Memphis dealer.

For warranty service, a return authorization number is required. Contact Memphis Audio for instructions.

Image: A copy of the Memphis Audio Limited Warranty document, detailing terms and conditions.

Customer Support

For further assistance, technical support, or warranty claims, please contact Memphis Audio customer service. Visit the official Memphis Audio website for the most up-to-date contact information.
Online Resources: Memphis Audio Amazon Store

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