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› Memphis Audio SRX10SP 120W RMS Amplified 10-inch Subwoofer Box User Manual

Memphis SRX10SP

Memphis Audio SRX10SP Amplified 10-inch Subwoofer Box

User Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Memphis Audio SRX10SP 10-inch amplified subwoofer box. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.



Image 1: The Memphis Audio SRX10SP 10-inch amplified subwoofer box, featuring a black carpeted enclosure and a protective grille over the subwoofer cone.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all wiring is properly insulated and secured to prevent short circuits and damage.
- Mount the subwoofer securely to prevent movement during vehicle operation, which could cause injury or damage.
- Avoid exposing the unit to excessive moisture or extreme temperatures.
- Consult a professional installer if you are unsure about any installation steps.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Memphis Audio SRX10SP Amplified 10-inch Subwoofer Box
- Bass Level Control
- Wiring Harness (for high and low-level inputs)

- Mounting Hardware
- User Manual (this document)

SETUP AND INSTALLATION

The SRX10SP is designed for straightforward installation. Its compact size and shallow mount design allow for flexible placement within your vehicle.

1. Choosing a Mounting Location

Consider locations such as the trunk, behind the rear seats, or under larger seats. Ensure the chosen location provides adequate ventilation for the built-in amplifier and does not obstruct vehicle safety features or passenger movement.



Image 2: Dimensions of the Memphis Audio SRX10SP subwoofer box. The image shows the depth (10.25 inches), width (16.75 inches), and height (13.2 inches) of the enclosure, aiding in placement planning.

2. Power Connection (12V)

1. Connect the main power wire (typically red) from the subwoofer's amplifier to the positive terminal of your vehicle's battery. Use an appropriate gauge wire and an inline fuse (not included, consult a professional for correct sizing) as close to the battery as possible.
2. Connect the ground wire (typically black) from the subwoofer's amplifier to a clean, unpainted metal surface on the vehicle's chassis. Ensure a solid electrical connection.
3. Connect the remote turn-on wire (typically blue or thin red) from the subwoofer's amplifier to the remote output of

your aftermarket head unit or a switched 12V source in your vehicle. This wire tells the amplifier to turn on and off with your vehicle's ignition.

3. Audio Input Connection

The SRX10SP supports both high-level and low-level inputs:

- **Low-Level Inputs (RCA):** If your head unit has RCA pre-outs, connect them to the corresponding RCA inputs on the subwoofer's amplifier. This provides the cleanest signal.
- **High-Level Inputs (Speaker Level):** If your head unit does not have RCA pre-outs, use the provided high-level input harness. Connect the speaker wires from your head unit or factory amplifier to the high-level inputs on the subwoofer's amplifier. Ensure correct polarity (+ to + and - to -).

4. Bass Level Control

Connect the included bass level control to the designated port on the amplifier. Mount the control in an easily accessible location for convenient adjustment of bass output from the driver's seat.

OPERATING INSTRUCTIONS

Once installed, follow these steps to operate your subwoofer:

1. **Power On:** Turn on your vehicle's ignition and head unit. The subwoofer amplifier should power on automatically via the remote turn-on wire.
2. **Gain Adjustment:** Start with the gain control on the amplifier set to its minimum position. Play a familiar piece of music with strong bass. Slowly increase the gain until the bass blends well with the rest of your audio system without distortion. Avoid setting the gain too high, as this can lead to clipping and damage.
3. **Bass Level Control:** Use the remote bass level control to fine-tune the bass output to your preference for different music genres or listening environments.
4. **Crossover Settings:** The built-in amplifier may have a low-pass crossover (LPF) adjustment. Set the LPF to filter out higher frequencies, allowing only bass frequencies to be reproduced by the subwoofer. A common starting point is around 80-100 Hz. Adjust to achieve a seamless transition with your main speakers.

MAINTENANCE

To ensure the longevity and optimal performance of your SRX10SP subwoofer box, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the carpeted enclosure. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check all wiring connections to ensure they are secure and free from corrosion. Inspect the subwoofer cone and surround for any signs of damage.
- **Ventilation:** Ensure that the amplifier's heat sink is not obstructed, allowing for proper heat dissipation.

TROUBLESHOOTING

If you encounter issues with your SRX10SP, refer to the following common problems and solutions:

- **No Sound:**
 - Check all power connections (12V, ground, remote turn-on) for proper contact and voltage.
 - Verify audio input connections (RCA or high-level) are secure and correctly polarized.
 - Ensure the head unit is powered on and sending an audio signal.

- Check the amplifier's protection light; if illuminated, refer to the amplifier's specific protection modes.

• **Distorted Sound:**

- Reduce the gain setting on the amplifier.
- Check for damaged speaker wires or loose connections.
- Ensure the subwoofer is not overdriven by the head unit's volume.

• **Subwoofer Not Turning On:**

- Confirm the remote turn-on wire is connected to a switched 12V source and receiving power when the head unit is on.
- Check the inline fuse on the main power wire.

• **Weak Bass Output:**

- Increase the gain setting gradually.
- Adjust the bass level control.
- Verify the crossover settings are appropriate for bass reproduction.
- Check for correct polarity of speaker wire connections.

SPECIFICATIONS

Feature	Specification
Model Name	SRX10SP
Speaker Type	Subwoofer
Subwoofer Diameter	10 Inches
Speaker Maximum Output Power	120 Watts RMS
Built-in Amplifier	Yes
Inputs	High and Low-Level
Control	Bass Level Control Included
Enclosure Type	Carpeted Embroidered Box
Product Dimensions (D x W x H)	10.25" x 16.75" x 13.2"
Item Weight	23.9 pounds
Power Source	12V DC
Manufacturer	Memphis Audio
UPC	841992152199

WARRANTY INFORMATION

The Memphis Audio SRX10SP comes with a limited warranty. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the warranty card included with your product or visit the official Memphis Audio website. Keep your proof of purchase for warranty validation.

CUSTOMER SUPPORT

For technical assistance, installation questions, or other inquiries, please contact Memphis Audio customer support. Refer to the product packaging or the official Memphis Audio website for current contact information.

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