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› SPIDER SR-12PICK 12-inch Amplified Subwoofer Enclosure User Manual

SPIDER SR-12PICK

SPIDER SR-12PICK 12-inch Amplified Subwoofer Enclosure User Manual

Model: SR-12PICK | Brand: SPIDER

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your SPIDER SR-12PICK 12-inch amplified subwoofer enclosure. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect the vehicle's battery before performing any electrical work. Ensure all wiring is correctly connected to prevent short circuits or electrical fires.
- **Ventilation:** Install the subwoofer in a location that allows for adequate ventilation to prevent overheating.
- **Secure Mounting:** Securely mount the subwoofer enclosure to prevent it from shifting during vehicle movement, which could cause injury or damage.
- **Volume Levels:** Prolonged exposure to high volume levels can cause hearing damage. Adjust volume responsibly.
- **Professional Installation:** If you are unsure about any installation steps, consult a qualified car audio professional.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SPIDER SR-12PICK 12-inch Amplified Subwoofer Enclosure
- Replacement Fuse
- Power Cable (for electrical connection)

4. PRODUCT OVERVIEW

The SPIDER SR-12PICK is a 12-inch amplified subwoofer enclosure designed to deliver powerful bass performance in your vehicle. It features an integrated amplifier for simplified installation and optimal sound matching.



Figure 4.1: Front view of the SPIDER SR-12PICK subwoofer enclosure, showcasing the 12-inch subwoofer cone with the SPIDER logo and protective bars. The enclosure features a textured black finish with red accents and the model number SR-12PICK.



Figure 4.2: Side view of the SPIDER SR-12PICK subwoofer enclosure with dimensions. The enclosure measures approximately 45.5 cm in width, 37.5 cm in height, and 21 cm in depth. The control panel and bass port are visible on the side.



Figure 4.3: The SPIDER SR-12PICK subwoofer enclosure shown within its retail packaging. The packaging highlights key features such as "12" Active Subwoofer" and "2000 Watts Max Power".

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended to have this unit installed by a professional car audio technician.

5.1 Placement

- Choose a secure location in your vehicle, typically the trunk or cargo area, where the subwoofer can be firmly mounted.
- Ensure the location allows for adequate air circulation around the enclosure to prevent overheating.
- Avoid placing the subwoofer where it might obstruct safety equipment or driver visibility.

5.2 Wiring Connections

The SR-12PICK requires power, ground, and audio signal connections.

1. **Power Connection (12V):** Connect the main power cable (typically red) to the positive terminal of your vehicle's battery. An inline fuse (not supplied, but highly recommended) should be installed as close to the battery as possible.
2. **Ground Connection:** Connect the ground cable (typically black) to a clean, unpainted metal surface of the vehicle chassis. Ensure a solid, low-resistance connection.
3. **Remote Turn-On (Optional):** If your head unit has a remote turn-on output, connect it to the subwoofer's remote input. This allows the subwoofer to turn on and off with your head unit.
4. **Audio Signal (RCA):** Connect RCA cables from your head unit's subwoofer output or full-range output to the RCA input

jacks on the SR-12PICK. The unit supports stereo audio output mode.

6. OPERATING INSTRUCTIONS

Once properly installed, operating the SR-12PICK is straightforward.

6.1 Powering On/Off

- If connected via the remote turn-on wire, the subwoofer will power on automatically when your vehicle's ignition or head unit is turned on.
- If not using a remote turn-on, the subwoofer may have a manual power switch or rely on signal sensing to turn on. Refer to the unit's control panel for specific options.

6.2 Adjusting Settings

The SR-12PICK features controls on its amplifier panel for fine-tuning its performance. These typically include:

- **Gain Control:** Adjusts the input sensitivity to match the output level of your head unit. Start low and gradually increase until the desired bass level is achieved without distortion.
- **Low-Pass Filter (LPF):** Sets the upper frequency limit for the subwoofer. This ensures the subwoofer only reproduces low frequencies, typically between 50Hz and 250Hz.
- **Bass Boost:** Provides an additional boost to specific bass frequencies. Use sparingly to avoid distortion.
- **Phase Switch:** Allows you to adjust the phase (0° or 180°) to ensure the subwoofer's output is in sync with your main speakers.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your subwoofer.

- **Cleaning:** Use a soft, dry cloth to clean the enclosure. Avoid using harsh chemicals or abrasive cleaners.
- **Fuse Replacement:** If the subwoofer stops working, check the fuse. If blown, replace it with a fuse of the exact same rating (a replacement fuse is included in the package). Never use a fuse with a higher rating, as this can cause severe damage to the unit or vehicle's electrical system.
- **Connection Checks:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

If you experience issues with your SR-12PICK, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No sound from subwoofer	No power; Blown fuse; Loose connections; No audio signal	Check power and ground connections; Replace fuse; Verify RCA cable connections; Ensure head unit is sending a signal.
Distorted sound	Gain set too high; Incorrect LPF setting; Poor audio source	Reduce gain level; Adjust LPF to appropriate frequency; Check audio source quality.
Subwoofer turns on/off intermittently	Loose power/ground connection; Overheating	Secure all power and ground connections; Ensure adequate ventilation around the unit.
Subwoofer is too loud or too quiet	Gain setting incorrect; Head unit subwoofer level incorrect	Adjust the gain control on the subwoofer; Adjust subwoofer output level on your head unit.

9. SPECIFICATIONS

Feature	Specification
Model	SR-12PICK
Speaker Size	12 Inches
Maximum Speaker Output Power	2000 Watts (PMPO 20,000W)
Frequency Response	35 - 250 Hz
Impedance	4 Ohms
Magnet Size	30 Oz
Voice Coil	50 mm
Connectivity Technology	RCA (Wired)
Audio Output Mode	Stereo
Power Source Type	Electric Cable (12 Volt Input)
Recommended Use	For vehicles
Dimensions (D x W x H)	20 cm x 45 cm x 37 cm
Item Weight	8 Kilograms
Color	Black / Red
Country of Origin	China

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The SPIDER SR-12PICK amplified subwoofer enclosure comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your authorized SPIDER dealer or the point of purchase. Provide your product model number (SR-12PICK) and a detailed description of the issue when seeking support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question