

SVS SB-4000

SVS SB-4000 13.5" Sealed Box Subwoofer User Manual

Model: SB-4000 | Brand: SVS

1. INTRODUCTION

Welcome to the user manual for your SVS SB-4000 13.5" Sealed Box Subwoofer. This document provides essential information to help you set up, operate, maintain, and troubleshoot your subwoofer, ensuring you achieve the best possible audio performance.

The SVS SB-4000 is a high-performance 13.5-inch sealed box subwoofer designed to deliver unparalleled low-frequency depth, power, and detail for both audiophile music and home theater systems. Its sophisticated DSP amplifier and innovative driver technology provide precise control and immense output.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the SVS SB-4000 subwoofer. Failure to do so may result in injury or damage to the unit.

- **Read all instructions:** Retain these instructions for future reference.
- **Heed all warnings:** Pay attention to all warnings on the product and in the operating instructions.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing.
- **Cleaning:** Clean only with a dry cloth. Do not use liquid or aerosol cleaners.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Ensure adequate space around the unit for proper airflow.
- **Heat Sources:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Power Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Attachments/Accessories:** Only use attachments/accessories specified by the manufacturer.
- **Lightning/Unused Periods:** Unplug this apparatus during lightning storms or when unused for long periods of time.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has

been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- **Weight:** The SVS SB-4000 weighs approximately 63.9 pounds (29 kg). Exercise caution and use proper lifting techniques or seek assistance when moving the unit to prevent injury.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your SVS SB-4000 package:

- SVS SB-4000 Subwoofer
- Detachable Power Cord
- Protective Grille
- Remote Control
- This User Manual

4. PRODUCT OVERVIEW

4.1 Components

The SVS SB-4000 features a robust design optimized for deep and accurate bass reproduction.



Front view of the SVS SB-4000 subwoofer, showcasing the 13.5-inch driver, the top-mounted digital display, and the premium black ash finish.



The SVS SB-4000 subwoofer with its protective metal grille attached, providing protection for the driver while maintaining acoustic transparency.

4.2 Controls and Indicators

The SB-4000 offers multiple ways to control its settings for optimal integration into your audio system.



A detailed view of the SB-4000's top-mounted digital display, showing the model number and control buttons for direct adjustments.



The included remote control for the SVS SB-4000 subwoofer, featuring volume, navigation, enter, back, and preset buttons (P1, P2, P3).

- **Digital Display:** Located on the top panel, this display shows current settings and provides visual feedback during adjustments.
- **Control Buttons:** Adjacent to the digital display, these buttons allow for direct adjustments of volume, phase, low pass filter, and other settings.
- **SVS Mobile App Control:** The SB-4000 can be controlled via Bluetooth using the SVS Mobile App (available for iOS and Android). This app offers comprehensive control, advanced tuning options, and custom presets.
- **Remote Control:** The included remote provides convenient access to essential functions such as volume, presets, and display brightness.

5. SETUP

5.1 Placement

Proper placement of your subwoofer is crucial for optimal performance and seamless integration with your main

speakers. Experimentation is key.

- **Corner Placement:** Placing the subwoofer in a corner often maximizes output and impact, but can sometimes lead to an overly boomy or exaggerated bass response.
- **Front of Room Placement:** Placing the subwoofer along the front wall, between or slightly outside your main speakers, can provide a more accurate and balanced soundstage.
- **Multiple Subwoofers:** If using multiple subwoofers, strategic placement can smooth out room modes and provide more even bass distribution throughout the listening area.
- **Isolation:** Consider using the SVS Isolation System feet (sold separately) to further decouple the subwoofer from the floor, which can enhance sound quality and reduce vibrations transferred to the room structure.

5.2 Connections

Before making any connections, ensure all audio equipment, including your receiver/amplifier and the SB-4000, is powered off.

- **LFE Connection (Recommended for Home Theater):** Connect the LFE (Low-Frequency Effects) output of your AV receiver or processor to the LFE input on the SB-4000 using a single RCA cable.
- **Stereo RCA Connection (For 2-Channel Systems):** Connect the stereo pre-out outputs of your pre-amplifier or receiver to the Left and Right RCA inputs on the SB-4000.
- **Power Connection:** Connect the supplied detachable power cord to the power inlet on the rear of the SB-4000, then plug the other end into a grounded AC outlet.

5.3 Initial Power On

Once all connections are securely made:

1. Power on your AV receiver or pre-amplifier.
2. Power on the SVS SB-4000 subwoofer using the main power switch on the rear panel.
3. The digital display on the top panel should illuminate, indicating the subwoofer is active.

6. OPERATING THE SB-4000

6.1 SVS Mobile App

The SVS Mobile App is the most powerful and convenient way to control and optimize your SB-4000 subwoofer. It connects via Bluetooth and allows for precise adjustments from your listening position.

- **Download:** Search for "SVS App" on the Apple App Store or Google Play Store.
- **Connect:** Open the app and follow the on-screen instructions to connect to your SB-4000 via Bluetooth.
- **Features:** The app provides access to volume control, low pass filter, phase, polarity, parametric EQ, room gain compensation, and custom presets.

6.2 Basic Controls (Remote/On-Unit)

You can also make basic adjustments using the included remote control or the buttons on the subwoofer's top panel.

- **Volume Control:** Adjust the overall output level of the subwoofer to blend seamlessly with your main speakers.
- **Phase Control:** Adjust the phase (0-180 degrees) to ensure the subwoofer's sound waves align with those

from your main speakers, preventing cancellation or reinforcement at the crossover frequency.

- **Low Pass Filter:** Sets the upper frequency limit for the subwoofer. This should typically be set slightly above the lowest frequency your main speakers can reproduce effectively.
- **Presets:** Store and recall up to three custom settings (P1, P2, P3) for different listening modes, such as