

## BESTISAN SW65D-01

# BESTISAN Powered Subwoofer User Manual

Model: **SW65D-01** | Brand: **BESTISAN**

### INTRODUCTION

The BESTISAN SW65D is a compact, high-quality powered home audio subwoofer designed to enhance your home theater, gaming, or music listening experience. It delivers accurate bass with added depth, making movies, games, and music more immersive. This manual provides detailed instructions for setting up, operating, and maintaining your subwoofer to ensure optimal performance.



Image: Front view of the BESTISAN SW65D Powered Subwoofer, showcasing its compact design and side-firing woofer.

## KEY FEATURES

- **Powerful Bass, Compact Design:** Experience deep bass response (35Hz-200Hz) from a space-saving 6.5-inch powered subwoofer, ideal for home theater, music, and TV sound enhancement without requiring large equipment.
- **Engineered for Impact:** Features a high-rigidity 6.5-inch side-firing woofer, a bass-reflex cabinet with a bottom port, and internal bracing. This design delivers tight, smooth low-end punch in a stylish black oak finish.
- **Universal Connectivity:** Supports RCA, Aux, and LFE inputs, along with high speaker level inputs/outputs. This allows for seamless pairing with various audio devices including home theater receivers, TVs, soundbars, and bookshelf speakers, optimizing bass reproduction in diverse setups.
- **Cinematic Home Theater Upgrade:** Designed to provide an immersive audio experience for movies and sports. Connects easily via standard 3.5mm/RCA to AV receivers, transforming your living space into a dynamic audio environment.
- **Optimal Performance Pairing:** Recommended for use with devices outputting  $\leq 850\text{mV}$  to prevent overload shutdown. For best results, consider pairing with BESTISAN soundbars or bookshelf speakers for coordinated audio synergy.

# POWERED SUBWOOFER IN COMPACT DESIGN

A perfect choice for a small room

High-roll foam surrounds provides longer excursion that makes audio sound even better.



6.5" side-firing Dynamic Balance Woofer delivers heart-rumbling bass without distortion for a thrilling sound experience.

Image: Diagram illustrating the 6.5-inch side-firing Dynamic Balance Woofer and high-roll foam surrounds, designed for deep bass without distortion.

## PACKAGE CONTENTS

Upon unpacking, please ensure all the following items are present and in good condition:

- BESTISAN SW65D Powered Subwoofer
- User Manual
- Coaxial Cable (1.5M)
- Power Adapter

# PACKAGE INCLUDED

Enjoy the 3D theater experience at home with your families.



Subwoofer



User manual



Coaxial cable(1.5M)



Power adapter

Image: Visual representation of the package contents, including the subwoofer, user manual, coaxial cable, and power adapter.

## PRODUCT OVERVIEW

Familiarize yourself with the various controls and connection ports on the rear panel of your BESTISAN SW65D subwoofer.

## EASY TO CONTROL AND CONNECT

Makes this fully-loaded subwoofer convenient to use.  
A perfect solution for your small-to-mid size room.

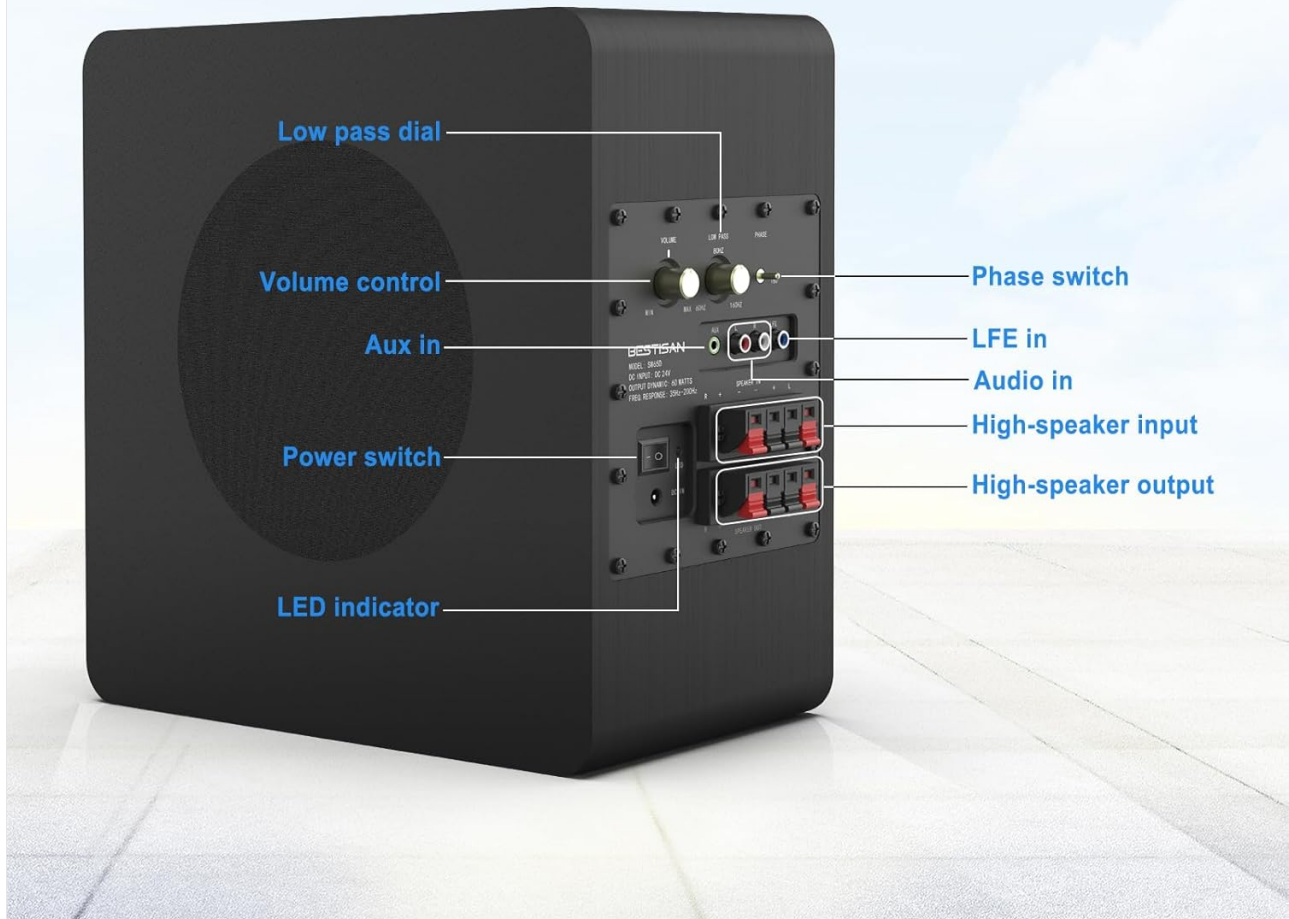


Image: Detailed view of the subwoofer's rear panel, labeling the Low Pass Dial, Volume Control, Aux In, Power Switch, LED Indicator, Phase Switch, LFE In, Audio In, High-Speaker Input, and High-Speaker Output.

- **Low Pass Dial:** Adjusts the crossover frequency, determining the highest frequency the subwoofer will reproduce.
- **Volume Control:** Adjusts the overall output level of the subwoofer.
- **Aux In:** Standard 3.5mm auxiliary input for connecting audio sources.
- **Power Switch:** Turns the subwoofer power ON or OFF.
- **LED Indicator:** Displays the power status of the subwoofer.
- **Phase Switch:** Adjusts the phase of the subwoofer output (0° or 180°) to match the main speakers.
- **LFE In:** Dedicated Low-Frequency Effects input for home theater receivers.
- **Audio In (RCA):** Standard RCA stereo inputs for connecting audio sources.
- **High-Speaker Input:** Connects directly to the speaker outputs of an amplifier or receiver.
- **High-Speaker Output:** Passes the signal from the High-Speaker Input to your main speakers.

## SETUP AND INSTALLATION

### Placement

The placement of your subwoofer significantly impacts its performance. Experiment with different locations to find the best sound for your room. Generally, placing the subwoofer in a corner can enhance bass output, while placing it near your main speakers can improve sound integration. Avoid placing it directly against a wall if it causes excessive booming.

### Initial Connection

1. **Power Off:** Ensure all audio equipment, including the subwoofer, is powered off before making any connections.
2. **Connect Audio Source:** Choose the appropriate input method (RCA, LFE, AUX, or High-Level Speaker Input) based on your audio system. Refer to the "Connectivity Options" section for details.
3. **Connect Power:** Plug the power adapter into the subwoofer's power input, then plug the adapter into a wall outlet.
4. **Power On:** Turn on your audio source first, then turn on the subwoofer using the Power Switch on the rear panel.

## CONNECTIVITY OPTIONS

The BESTISAN SW65D offers multiple ways to connect to your audio system:

- **RCA/LFE Input:**

For receivers or soundbars with a dedicated subwoofer output (LFE or Sub Out), connect a single RCA cable from the receiver's subwoofer output to the LFE In port on the subwoofer. If your receiver has stereo RCA outputs for a subwoofer, use both the left and right Audio In (RCA) ports.

- **AUX Input:**

Use a 3.5mm audio cable to connect devices with a headphone jack or line-out to the Aux In port on the subwoofer.

- **High-Level Speaker Input/Output:**

If your amplifier or receiver does not have a dedicated subwoofer output, you can connect the subwoofer using the High-Speaker Input. Connect the speaker wires from your amplifier's left and right speaker outputs to the corresponding High-Speaker Input terminals on the subwoofer. Then, connect your main speakers from the High-Speaker Output terminals on the subwoofer.

*Note: When using high-level inputs, ensure your amplifier outputs  $\leq 850\text{mV}$  to prevent potential overload or damage.*

## OPERATING INSTRUCTIONS

### Adjusting Volume



Use the **Volume Control** knob on the rear panel to adjust the subwoofer's output level. Start with a low volume and gradually increase it until the bass blends seamlessly with your main speakers without overpowering them.

### Setting Crossover Frequency (Low Pass Dial)

The **Low Pass Dial** controls the upper frequency limit of the subwoofer. This setting should be adjusted based on the low-frequency capabilities of your main speakers. A good starting point is typically 80Hz-100Hz. If your main speakers are small, set the crossover higher (e.g., 100Hz-120Hz). If your main speakers have good bass response, set it lower (e.g., 60Hz-80Hz). Adjust until the transition between the subwoofer and your main speakers sounds smooth and natural.

### Phase Adjustment

The **Phase Switch** (0° or 180°) helps ensure the subwoofer's sound waves are in sync with your main speakers. Listen to music with strong bass and switch between 0° and 180°. Choose the setting that produces the most impactful and coherent bass. This often depends on the subwoofer's placement relative to your main speakers.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the subwoofer. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Ensure adequate airflow around the subwoofer. Do not block any ventilation openings.
- **Environment:** Avoid exposing the subwoofer to extreme temperatures, humidity, or direct sunlight. Keep it away from sources of heat and moisture.
- **Power Cord:** Regularly inspect the power cord for any damage. If damaged, discontinue use and contact support.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from subwoofer.	Subwoofer not powered on. Incorrect input connection. Volume too low. Source device not sending signal.	Ensure power switch is ON and LED indicator is lit. Verify audio cables are securely connected to the correct input ports. Increase the Volume Control on the subwoofer. Check the volume and output settings on your source device (receiver, TV, etc.).

Problem	Possible Cause	Solution
Subwoofer frequently turns off (auto-shutoff).	Auto-standby feature activated due to low or no audio signal. Input signal too weak.	The subwoofer has an auto-standby feature that activates after a period of no or very low audio signal. To reactivate, increase the volume of your audio source. The subwoofer should turn back on when a sufficient audio signal is detected. Ensure the output level from your source device is adequate. <i>Note: This model does not feature a user-adjustable switch to disable the auto-shutoff function.</i>
Bass sounds boomy or unclear.	Incorrect Low Pass Dial setting. Subwoofer placement. Phase mismatch.	Adjust the Low Pass Dial to a lower frequency. Try repositioning the subwoofer away from corners or walls. Toggle the Phase Switch (0°/180°) to find the setting that provides the tightest bass.

## TECHNICAL SPECIFICATIONS

Model Name	SW65D
Speaker Type	Subwoofer
Subwoofer Diameter	6.5 Inches
Speaker Maximum Output Power	50 Watts
Frequency Response	35Hz-200Hz (as per feature bullets)
Connectivity Technology	Wired (RCA, LFE, AUX, High-Level Speaker Input)
Color	Black
Product Dimensions (D x W x H)	12.5"D x 6.3"W x 12.6"H
Item Weight	9.24 Pounds (approx. 4.19 kg)
Power Source	Corded Electric
Manufacturer	BESTISAN



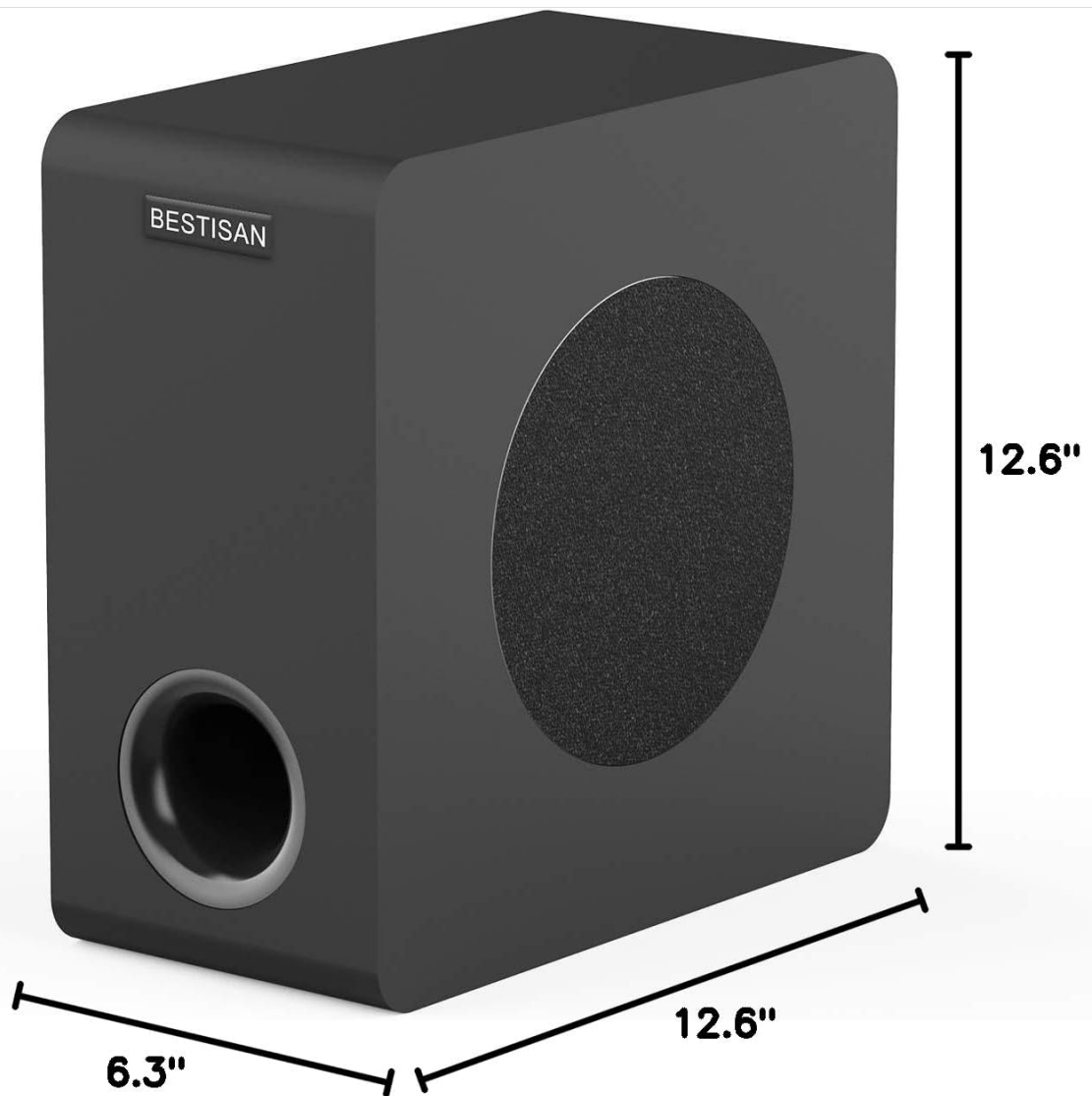


Image: Diagram showing the dimensions of the BESTISAN SW65D subwoofer: 12.6 inches in height, 6.3 inches in width, and 12.6 inches in depth.

## WARRANTY INFORMATION







The BESTISAN SW65D Powered Subwoofer comes with a **Limited Warranty**. For specific terms and conditions, including duration and coverage details, please refer to the warranty card included with your product or contact BESTISAN customer support.

## CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact BESTISAN customer support. Refer to the contact information provided on the product packaging or the official BESTISAN website.

For more information and product updates, you may visit the official BESTISAN store on Amazon [BESTISAN Store](#)

## Related Documents - SW65D-01

	<p><a href="#">BESTISAN S6520/S8520/S9920 Sound Bar Quick Start Guide</a></p> <p>Quick start guide for the BESTISAN S6520, S8520, and S9920 sound bars. Learn about box contents, connections, setup, wall mounting, and troubleshooting.</p>
	<p><a href="#">Bestisan SR06 Bookshelf Speaker Quick Start Guide</a></p> <p>Get started quickly with the Bestisan SR06 Bookshelf Speaker. This guide covers box contents, connections, Bluetooth pairing, specifications, and troubleshooting.</p>
	<p><a href="#">BESTISAN S7020 Sound Bar Quick Start Guide</a></p> <p>A quick start guide for the BESTISAN S7020 Sound Bar, covering box contents, LED indicators, remote control functions, connection diagrams, setup instructions for TV and Bluetooth devices, wall mounting, troubleshooting, and FCC statement.</p>
	<p><a href="#">BESTISAN SR04 Bookshelf Speakers Quick Start Guide</a></p> <p>Quick start guide for BESTISAN SR04 bookshelf speakers. Learn about box contents, connecting to TV and Bluetooth devices, speaker controls, remote functions, specifications, and troubleshooting. Includes FCC compliance information.</p>
	<p><a href="#">BESTISAN SG02 Soundbar User Manual: Setup, Connections, and Troubleshooting</a></p> <p>Comprehensive user manual for the BESTISAN SG02 32-inch 2.0 channel soundbar. Learn how to set up, connect to TVs and external devices, use the remote, install the wall mount, and troubleshoot common issues.</p>
	<p><a href="#">BESTISAN Juku SE01 Soundbar User Manual: Setup, Features, and Troubleshooting</a></p> <p>Official user manual for the BESTISAN Juku SE01 Soundbar. Find detailed instructions on setup, connecting various audio sources (TV, Bluetooth, USB, AUX, Optical, Coaxial), wall mounting, and troubleshooting common issues.</p>