

JBL JBLSUBST1200SAM

JBL Stage 1200S Single 12-inch Car Audio Subwoofer Sealed Enclosure Instruction Manual

MODEL: JBLSUBST1200SAM

Brand: JBL

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1. INTRODUCTION

The JBL Stage 1200S subwoofer enclosure is designed to deliver deep, powerful bass in a compact form factor, suitable for a wide range of vehicles. This manual provides essential information for the proper installation, operation, and maintenance of your subwoofer system to ensure optimal performance and longevity.

Key Features:

- **Compact Design:** Engineered to fit in various vehicle types with simple installation.
- **High Efficiency:** Combines with impressive power-handling for rich and satisfying performance.
- **12" Woofer Cone:** Features a polypropylene cone with a rubber surround for remarkable realism and note-perfect accuracy.
- **Built-in Amplifier:** Handles up to 250 watts RMS, making it compatible with most sub amplifiers.
- **Durable Enclosure:** Constructed from 5/8" MDF covered with black carpet for durability.
- **HARMAN Standard Reliability Testing:** Speakers undergo rigorous testing to ensure high SPL and low distortion.

2. WHAT'S IN THE BOX

Upon unpacking your JBL Stage 1200S, please ensure all items listed below are present:

- 1 x JBL Stage 1200S Enclosure (with integrated 12" subwoofer and amplifier)

- 2 x Brand stickers
- 1 x Owner's manual (this document)



Image: Front view of the JBL Stage 1200S Subwoofer Enclosure.

3. SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your JBL Stage 1200S subwoofer. It is recommended that installation be performed by a qualified professional. If you choose to install it yourself, please follow these guidelines carefully.

3.1 Choosing a Mounting Location

The compact design allows for flexible placement. Common locations include the trunk, under a seat, or in the cargo area. Ensure the location provides adequate ventilation for the amplifier and does not obstruct any vehicle safety features.



Image: Angled view of the JBL Stage 1200S Subwoofer Enclosure, showcasing its compact form.

3.2 Wiring Connections

The integrated amplifier requires power, ground, and a remote turn-on signal, in addition to audio input. Refer to the amplifier panel for connection points.

- **Power (+12V):** Connect to the vehicle's positive battery terminal via an appropriate fuse (not included, typically 20A).
- **Ground (GND):** Connect to a clean, unpainted metal surface of the vehicle chassis.
- **Remote Turn-On (REM):** Connect to the remote output of your head unit.
- **Audio Input:** Use either the Line Input (RCA) from your head unit's pre-outs or the High Input (speaker level) if your head unit lacks RCA outputs.

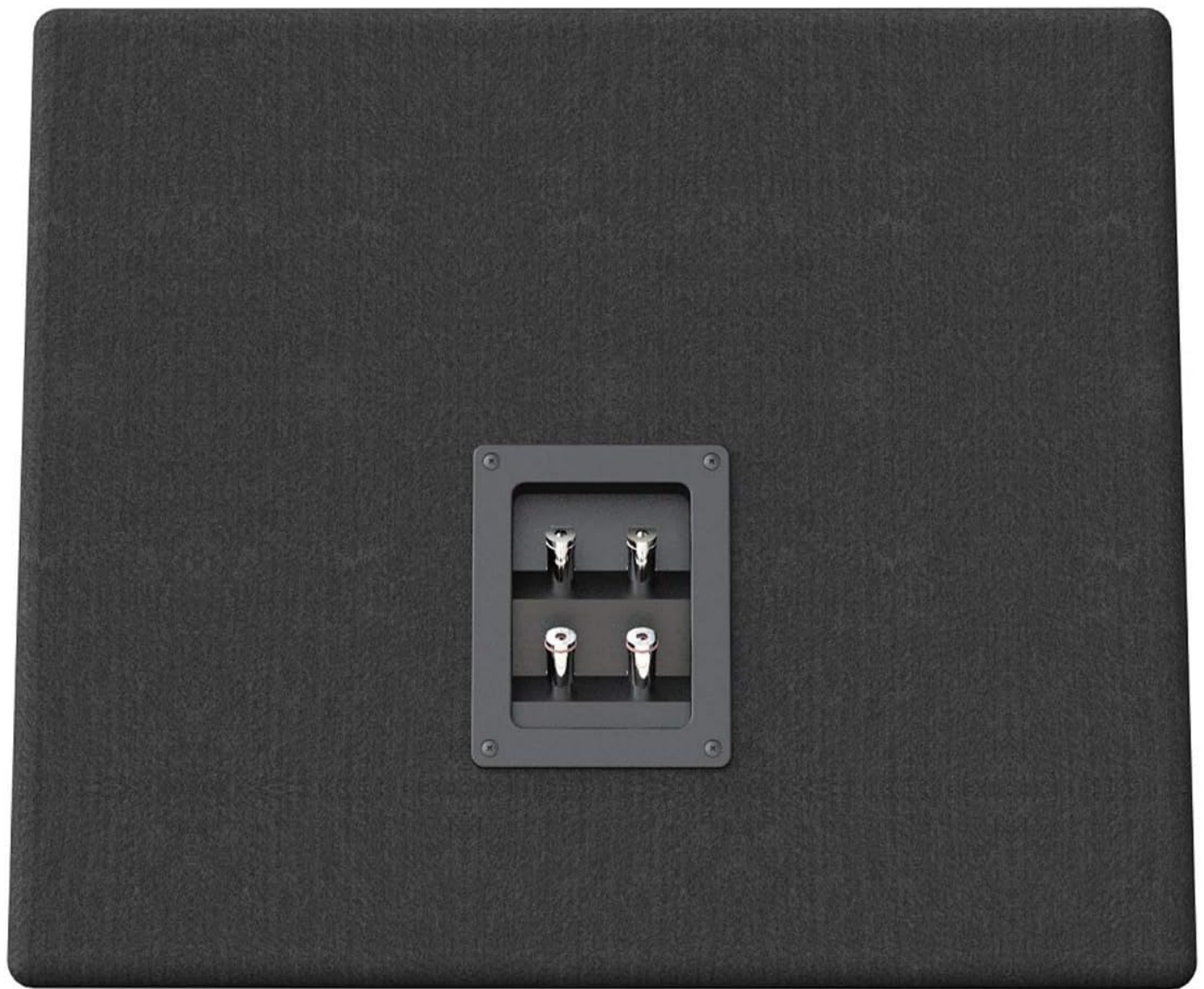


Image: Rear view of the JBL Stage 1200S Subwoofer Enclosure, showing the amplifier panel with power, ground, remote, and audio input connections.

For detailed wiring diagrams and safety precautions, consult the full owner's manual included in the box.

4. OPERATING YOUR SUBWOOFER

The JBL Stage 1200S features several controls on its amplifier panel to fine-tune the bass output to your preference and match your vehicle's acoustics.

4.1 Controls and Adjustments

- **Gain Control:** Adjusts the input sensitivity of the amplifier. Start with the gain at minimum and slowly increase until the desired volume is achieved without distortion.
- **Low-Pass Filter (LPF):** This adjustable crossover (typically 40Hz - 250Hz) filters out high frequencies, ensuring only bass frequencies are sent to the subwoofer. Set it to blend smoothly with your main speakers.
- **Bass Boost:** Provides an additional boost to low frequencies (e.g., 0-12dB at 45Hz) for enhanced bass impact. Use sparingly to avoid distortion.
- **Phase Switch:** (0°/180°) Adjusts the phase of the subwoofer output relative to your main speakers. Experiment with both settings to find the one that produces the most impactful and cohesive bass.
- **Remote Control (Optional):** If a remote bass level control is connected, it allows for convenient adjustment of the subwoofer's output from the driver's seat.

Your browser does not support the video tag.

Video: "All About Your RVS12A" by Audiosavings. This video demonstrates the features and controls of a similar subwoofer system, including the amplifier panel and remote control. While not the exact JBL model, it provides a useful visual guide to common subwoofer adjustments.

5. MAINTENANCE

To ensure the longevity and optimal performance of your JBL Stage 1200S subwoofer, follow these simple maintenance tips:

- **Cleaning:** Use a soft, dry cloth to wipe down the enclosure and amplifier. Avoid using harsh chemicals or abrasive cleaners.
- **Ventilation:** Ensure the amplifier's heatsink is free from dust and debris to prevent overheating. Do not block the ventilation fins.
- **Connections:** Periodically check all wiring connections (power, ground, remote, audio) to ensure they are secure and free from corrosion.
- **Environmental Factors:** Protect the subwoofer from extreme temperatures, direct sunlight, and moisture.

6. TROUBLESHOOTING

If you experience issues with your JBL Stage 1200S, consult the table below for common problems and solutions:

Problem	Possible Cause	Solution
No Sound	No power, loose connections, incorrect input selection.	Check power/ground/remote connections. Verify audio input source. Ensure head unit is on.
Distorted Sound	Gain set too high, bass boost too high, LPF set incorrectly.	Reduce gain or bass boost. Adjust LPF for smoother blend.
Subwoofer Overheating	Insufficient ventilation, prolonged high volume use.	Ensure adequate airflow around the amplifier. Reduce volume or allow to cool.
Weak Bass	Gain too low, phase incorrect, LPF too low.	Increase gain. Toggle phase switch. Adjust LPF higher.

If the problem persists after trying these solutions, contact JBL customer support or a qualified car audio technician.

7. SPECIFICATIONS

Feature	Detail
Model Name	JBLSUBST1200SAM
Speaker Type	Subwoofer
Subwoofer Diameter	12 Inches
Speaker Maximum Output Power	250 Watts (RMS)
Impedance	2 Ohms
Frequency Response	35Hz - 120Hz (as per product description)

Feature	Detail
Material	Wood, Polypropylene
Product Dimensions	11.5"D x 17.25"W x 14.5"H
Item Weight	23 Pounds
Connectivity Technology	Wired
Included Components	1 x JBL Stage 1200S Enclosure, 2 x Brand stickers, 1 x Owner's manual

8. WARRANTY AND SUPPORT

The JBL Stage 1200S comes with a **JBL 1 Year Manufacturer Warranty**. For warranty claims, technical support, or further assistance, please contact JBL customer service or visit the official JBL website. You can find more information and support resources on the [JBL Store on Amazon](#).

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

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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