

Polk Audio PSW111

Polk Audio PSW111 8-inch Powered Subwoofer Instruction Manual

Brand: Polk Audio | Model: PSW111

1. SAFETY INFORMATION

Please read all instructions carefully before operating your Polk Audio PSW111 subwoofer. Retain this manual for future reference.

- **Electrical Safety:** Do not expose the subwoofer to rain or moisture. Ensure proper ventilation to prevent overheating.
- **Placement:** Place the subwoofer on a stable, level surface. Avoid placing it near heat sources or in direct sunlight.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol sprays.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

2. PRODUCT OVERVIEW

The Polk Audio PSW111 is an ultra-compact powered subwoofer designed to deliver powerful, accurate, and musical bass. Its 8-inch Dynamic Balance composite cone driver and specially-tuned downward-firing port enhance your audio experience with deep, detailed lows.

Key Features:

- 8-inch Dynamic Balance woofer for accurate bass.
- Specially-tuned downward-firing port for enhanced depth.
- Smart compression circuitry to limit distortion at high volumes.
- 150-watt amplifier (300W peak) for high efficiency.
- Compact design, occupying approximately one square foot of floor space.

- Timbre-matched with other Polk speakers for seamless integration.
- Multiple input options: LFE, line-level, and speaker-level.
- Detachable grille and solid feet for stability.



The Polk Audio PSW111 8-inch Powered Subwoofer in black, featuring a compact design.

3. SETUP

Unpacking:

Carefully remove all components from the packaging. Ensure all items are present:

- Black powered subwoofer
- Grille (installed)
- 8' Detachable power cord
- 4 Rubber insert feet
- Owner's Manual
- Online registration card
- Rubber feet installation diagram

Placement:

The placement of your subwoofer can significantly impact its performance. Experiment with different locations to find the best sound for your room.

- **Corner Placement:** Placing the subwoofer in a corner can maximize its output and impact.
- **Near Front Speakers:** Placing it near your main front speakers can create a more seamless soundstage.
- **Avoid Enclosures:** Do not place the subwoofer in an enclosed cabinet, as this can restrict airflow and affect sound quality.

STABLE, STEADY AND POWER EFFICIENT

The sub's unique design provides high-performance even at extreme volume levels

SLEEK SMART LOOKS

The subwoofer is very well finished with rounded edges and a good quality grille

EXTRA STABILITY AND GRIP WITH 4 SOLID FEET



The Polk Audio PSW111 subwoofer, illustrating its compact dimensions of 12.13" H x 14" W x 13" D, designed to fit in small spaces.

Connecting Your Subwoofer:

The PSW111 offers flexible connection options to integrate with various home audio systems.

- **LFE Input:** For receivers with a dedicated LFE (Low-Frequency Effects) output, connect a single RCA cable from the receiver's LFE output to the subwoofer's LFE input.
- **Line-Level Inputs:** For receivers without an LFE output, connect RCA cables from the receiver's stereo pre-out (Left/Right) to the subwoofer's Line In (Left/Right) inputs.
- **Speaker-Level Inputs/Outputs:** For receivers without line-level outputs, connect speaker wires from your receiver's main speaker outputs to the subwoofer's speaker-level inputs, then connect speaker wires from the subwoofer's speaker-level outputs to your main speakers.

EASY TO READ AND CONNECT

Volume control

Low-pass filter

3-way power switch

Phase toggle switch

LFE input

Line inputs and speaker level inputs / outputs with gold-plated spring terminals



Rear panel of the Polk Audio PSW111, showing the volume control, low-pass filter, 3-way power switch, phase toggle switch, LFE input, and line inputs/speaker level outputs with gold-plated spring terminals.

4. OPERATING

Controls:

The PSW111 features several controls on its rear panel for fine-tuning its performance:

- **Volume Control:** Adjusts the output level of the subwoofer. Start with a low setting and gradually increase until the bass blends seamlessly with your main speakers.
- **Low-Pass Filter:** This control sets the upper frequency limit for the subwoofer. Adjust it to match the low-frequency capabilities of your main speakers.
- **Phase Toggle Switch (0°/180°):** Adjusts the phase of the subwoofer output relative to your main speakers. Experiment with both settings to find the one that provides the most impactful and coherent bass.
- **3-Way Power Switch (On/Auto/Off):**
 - **On:** The subwoofer remains continuously on.
 - **Auto:** The subwoofer automatically turns on when it detects an audio signal and enters standby mode after a period of inactivity.
 - **Off:** The subwoofer is powered off.

Integration with Other Speakers:

The PSW111 is timbre-matched to seamlessly blend with other Polk Audio speakers, such as those from the TSI, RM, and R/T/M Series, ensuring a cohesive and balanced sound experience.

BLENDS PERFECTLY WITH OTHER POLK AUDIO SPEAKERS

PSW subwoofers are timbre-matched with other systems made of Polk loudspeakers such as Monitor and T Series speakers



The Polk Audio PSW111 subwoofer is designed to blend perfectly with other Polk Audio speakers, including Monitor Series and T Series speakers, for a unified home theater sound.

5. MAINTENANCE

Proper care will ensure the longevity and optimal performance of your subwoofer.

- **Cleaning the Cabinet:** Use a soft, dry cloth to wipe the cabinet. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid harsh chemicals.
- **Grille Care:** The detachable grille can be gently vacuumed to remove dust.
- **Environmental Conditions:** Avoid exposing the subwoofer to extreme temperatures, humidity, or direct sunlight.

6. TROUBLESHOOTING

If you encounter issues with your PSW111 subwoofer, refer to the following common problems and solutions:

- **No Sound:**
 - Ensure the subwoofer is plugged into a working power outlet and the power switch is set to 'On' or 'Auto'.
 - Check all audio connections between the subwoofer and your receiver/amplifier.
 - Verify the volume control on the subwoofer and your receiver is turned up.
 - If using 'Auto' mode, ensure an audio signal is present.
- **Distorted Sound:**
 - Reduce the volume level on the subwoofer and/or your receiver.
 - Check the low-pass filter setting; an incorrect setting can cause distortion.
 - Ensure the subwoofer is not placed in a resonant cavity or too close to a wall.
- **Weak Bass:**
 - Increase the volume level on the subwoofer.
 - Adjust the phase switch (0° or 180°) to see which setting provides stronger bass.
 - Experiment with subwoofer placement in the room.

7. TECHNICAL SPECIFICATIONS

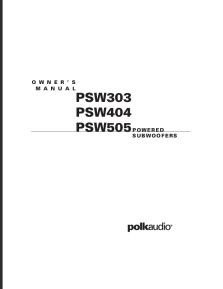

Feature	Specification
Mounting Type	Floor Mount
Model Name	PSW111B
Speaker Type	Subwoofer
Special Feature	Bass Boost
Recommended Uses For Product	Compression, Volume
Subwoofer Diameter	8 Inches
Unit Count	1.0 Count
Color	Black
Product Dimensions	13"D x 12.13"W x 14"H
Item Weight	21 Pounds
Impedance	1 Ohms
Water Resistance Level	Not Water Resistant
Number of Items	1





Feature	Specification
Control Method	Touch
Speaker Size	8 Inches
Woofer Diameter	8 Inches
Manufacturer	Polk Audio
Speaker Maximum Output Power	300 Watts
Frequency Response	250 Hz
Connectivity Technology	Wired
Audio Output Mode	Surround

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Polk Audio website. The manufacturer provides support for product-related inquiries and service needs.

Related Documents - PSW111

	<p>Polk Audio PSW303, PSW404, PSW505 Powered Subwoofers: Owner's Manual & Setup Guide</p> <p>Detailed owner's manual for Polk Audio PSW303, PSW404, and PSW505 powered subwoofers. Includes setup instructions, connection diagrams, adjustment guidance, troubleshooting tips, specifications, and warranty information.</p>
	<p>Polk Audio PSW202 Powered Subwoofer Owner's Manual</p> <p>Comprehensive owner's manual for the Polk Audio PSW202 Powered Subwoofer, covering safety, setup, connections, adjustments, maintenance, and troubleshooting. Includes detailed guides for optimal audio performance.</p>

	<p>Polk Audio PSW10 & PSW12 Powered Subwoofers Owner's Manual</p> <p>Comprehensive owner's manual for Polk Audio PSW10 and PSW12 powered subwoofers, detailing safety instructions, setup options, adjustment controls, technical specifications, and limited warranty information.</p>
	<p>Polk MagniFi Mini AX Quick Start Guide</p> <p>A quick start guide for the Polk MagniFi Mini AX soundbar, covering setup, connections, and basic features.</p>
	<p>Polk MagniFi Soundbar Setup Guide: Connect and Operate</p> <p>This guide provides instructions for setting up and operating the Polk MagniFi Voice-Optimizing Wireless Sound Bar System, including connection, remote control, and troubleshooting.</p>
	<p>Polk Audio DB Series Subwoofer Owner's Manual and Specifications</p> <p>Comprehensive owner's manual and technical specifications for Polk Audio DB Series subwoofers, including models DB840, DB1040, DB1240, DB840DVC, DB1040DVC, and DB1240DVC. Covers wiring diagrams, setup advice, and detailed performance parameters.</p>