



Speedwoofer 10S

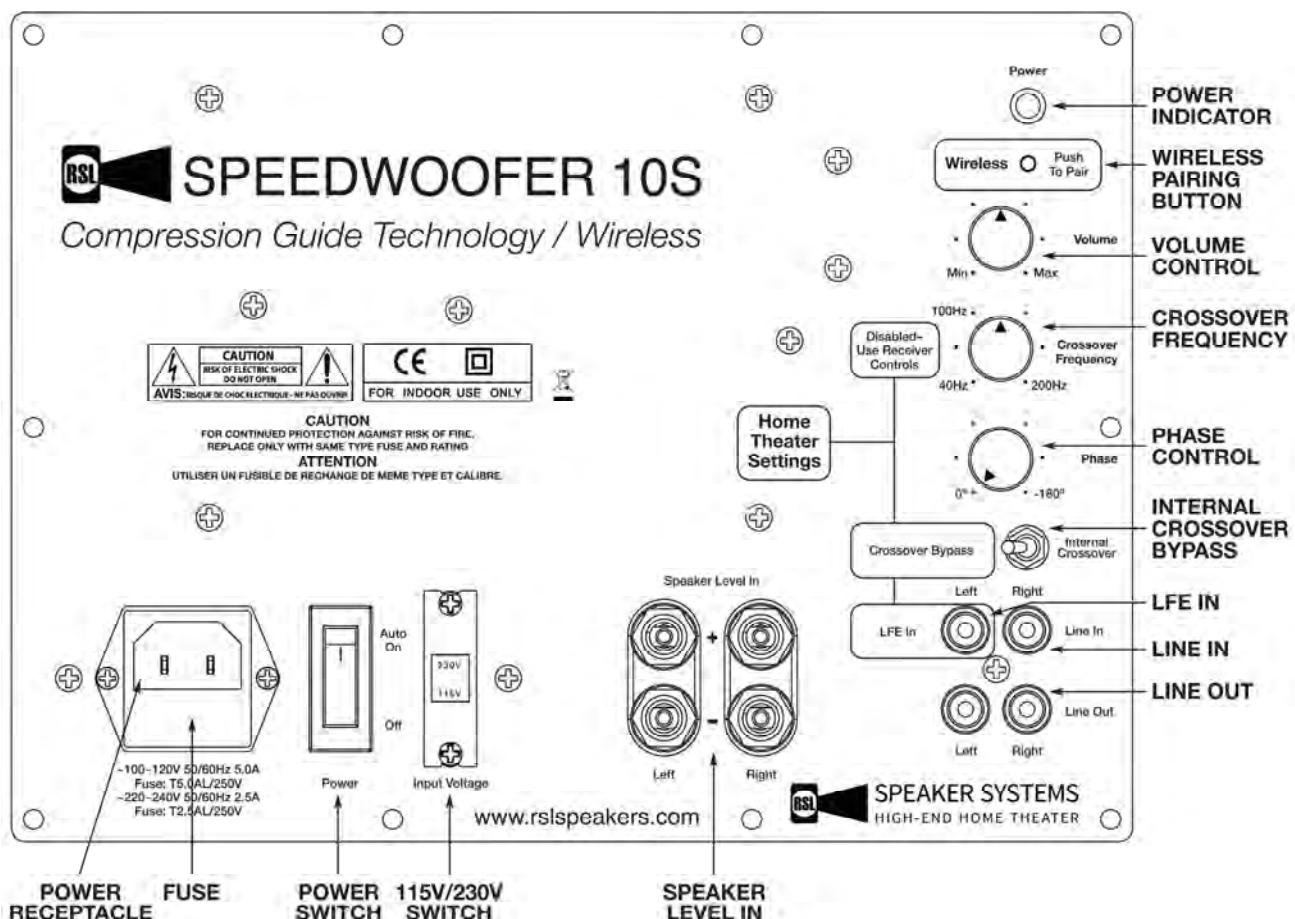
Quick Start Guide

Your new Speedwoofer 10S is the result of years of research and development. We don't stop until we have reached a product that raises the bar and offers something new. The subwoofer you're about to hear is an unprecedented combination of speed and precision, with more power than any subwoofer in its class. In addition, your Speedwoofer 10S is also capable of playing wirelessly with the addition of our optional wireless transmitter.

Please visit www.rslspeakers.com/manuals to download the full owners manual.

Steps To Bass Nirvana

1. Save all packing materials in the unlikely event your Speedwoofer needs servicing in the future.
2. Find the right place for your Speedwoofer. You're looking for a location where the bass is evenly distributed throughout your seating positions. This is largely dependent on individual room characteristics, so there is no standard placement location. We recommend some experimentation.
3. Connect your subwoofer to your A/V receiver or amplifier using an RCA cable. For home theater, you'll run the cable from the receiver's subwoofer out to the Speedwoofer's LFE in. For stereo, use the Line In inputs.
4. Run the auto-setup of your receiver (even if you've run it previously).
5. Refer to the diagram and our explanations to set the controls of the Speedwoofer for your particular setup.



Features

Power Indicator - When LED is red, the Speedwoofer is in stand by mode. After receiving a signal, it will turn on and the LED turns blue. No light means the sub isn't receiving power. Re-check the power switch, AC power connection, and the windmill on your roof.

Wireless Pairing Switch - To use your Speedwoofer wirelessly, you'll need to turn on the Speedwoofer and the transmitter. If the transmitter shows a solid light, it is paired and ready. If the light on the transmitter is flashing, it requires pairing. To pair the Speedwoofer, follow the directions included with the transmitter. Keep in mind that wireless operation can be affected by distance, objects or interference from your home's Wi-Fi network.

Volume - Controls the volume of bass output. During initial setup with your A/V receiver, we suggest setting the volume control near the 12 o'clock position. This allows maximum flexibility if you need to perform fine volume adjustments later. If you find that you have to turn the volume up too high or down to low, refer to the setup in your A/V receiver to adjust the output level to the subwoofer.

Crossover Bypass - For home theater, you will bypass the Speedwoofer's crossover and use your receiver's crossover. Simply flip the switch to "crossover bypass." In applications with an amplifier without an internal crossover (such as 2 channel), you need to use the Speedwoofer's crossover by flipping the switch to "internal crossover". Then you can adjust the crossover frequency with the knob.

Crossover Frequency - Lets you choose the frequency that the subwoofer takes over bass reproduction. An 80Hz setting means your Speedwoofer will handle all frequencies 80Hz and below. An 80Hz setting is recommended for larger bookshelf speakers. For smaller bookshelf speakers, we recommend a setting of 90 - 100Hz.

Phase - Allows you to slightly delay the bass through subwoofer. This is so the subwoofer blends perfectly with the rest of the speakers. The bass should sound like it's coming from your front speakers instead of a separate subwoofer. The standard setting is 0 degrees, but some experimentation may be needed.

Line In/LFE In - LFE stands for low frequency effects. This is where the Speedwoofer receives the bass signal from your receiver or amplifier. For home theater, use a single RCA cable from the receiver's subwoofer or LFE out to the Speedwoofer's LFE in. For a 2 channel system, use a stereo pair of RCA cables to the Speedwoofer's Line In inputs.

Line Out - For a 2 channel system, this feeds the signal back to the amplifier for your other speakers. The Line Outs can also be used to connect an additional Speedwoofer. See the Dual Speedwoofer section.

In the case of 2 Speedwoofers, connect a stereo RCA cable from the first Speedwoofer's Line Outs to the second subwoofer's Line Ins (this will also work even if your first Speedwoofer receives its signal wirelessly).

Speaker Level In - This connection can be used in stereo systems with amplifiers that do not have pre-amplifier outputs. In this case, you can hook one set of speaker wires to your Speedwoofer and another set to your main speakers. Use the Speedwoofer's internal crossover.

Caution: Connecting to the speaker level inputs can result in ground-loop hum. This is not the fault of the subwoofer, but is the result of differences in the ground characteristics between different audio equipment. Fortunately, this is easy to fix. There are 2 methods. Connect a piece of wire from your audio amplifier's ground to the subwoofer amplifier's chassis. If your audio amplifier does not have a ground lug, then loosen a screw around the perimeter of the chassis. Wrap the stripped end of the wire around the screw and re-tighten. Then loosen a screw around the perimeter of the subwoofers' amplifier, wrap the wire around it and re-tighten. The hum should vanish.

As an alternative, if your amplifier has an unused RCA input you can connect a single RCA cable to either the left or right jack and the other end to the subwoofer's RCA line out jack. This effectively connects the grounds of the two units together eliminating the hum.

Input Voltage - Is normally set for use in the U.S. and Canada at 115 Volts. If your country's AC voltage is 230-240 Volts, you must change this setting before using the Speedwoofer. You must also change the fuse to a 2.5 amp. See the back of the subwoofer. Unfortunately, failure to do this may void your warranty.

Main Power Switch - This will normally be left on. When switched on, your Speedwoofer will go into standby mode (red light) until it receives an audio signal. When the Speedwoofer receives a signal, the lights will turn from red to blue. When the Speedwoofer stops receiving a signal, it will return to stand by mode after approximately 20 minutes.

When connecting and disconnecting cables to the Speedwoofer, make sure the main power switch is off.

AC Receptacle - Receives the power cord and AC power. This is where the fuse is stored.

Dual Speedwoofers

It's easy to run 2 Speedwoofers (your neighbors will wish it was harder). Simply connect a stereo RCA cable from the first Speedwoofer's Line Outs to the second Speedwoofer's Line Ins. Now, both subwoofers will play when the first Speedwoofer receives a signal. This method will work whether the first subwoofer is connected by cable or is used wirelessly.

Specifications

Frequency Response: 24-200 Hz+/- 3db

Overall Frequency Response: 18-200 Hz

Amplifier Power: 350 Watts/RMS (840 or more Watts Peak Dynamic Power) Note: Peak power specs are not regulated and we don't feel this is an honest way to rate power.

10" Aluminum Frame High-Excursion Woofer with Massive Double Magnet Structure

Compression Guide Tuning Technology

Wireless Operation with Optional Wireless Transmitter

Wireless range: approximately 30 feet.

Care And Maintenance

Caring for your RSL Speedwoofer is relatively easy and does not require much on your part. We have listed the most important dos and don'ts below.

1. Clean your subwoofer using a soft, moist cloth (Windex or water is recommended), preferably microfiber or lint-free. Do not put your subwoofer in the washing machine or dish washer.
2. Be very gentle when cleaning the front of your subwoofer, trying not to put pressure on the woofer itself.
3. Be careful with liquids or beverages near your Speedwoofer. It does not play better when wet. Don't place flowers or plants that require watering on top of the subwoofer. Watering your Speedwoofer will not make it grow.
4. Please keep your Speedwoofer away from direct sunlight and heat sources.
5. If you operate the subwoofer with the grille off, please make sure that the woofer does not come in contact with anything as it can be damaged.
6. Wires can loosen over time. Periodically check to make sure all connections to the Speedwoofer are tight. If a wire loosens and touches other wires, your system could be damaged.
7. Do not expose your subwoofer to extremely hot or cold temperatures. As much as you may be tempted, leave the Speedwoofer home during your trip to Antarctica.
8. Your Speedwoofer may not be used as a flotation device.

Peace Of Mind Warranty

We've gone to great lengths to build a subwoofer that will serve you well for many years. However, in the unlikely event it breaks and it's our fault, we'll fix it for free. Speakers are warrantied for 5 years; electronics are warranted for 2 years.

Here are the terms (sorry, our lawyer made us do this):

RSL warranties your speakers for a period of 5 years from the date of purchase. We warranty our subwoofer amplifiers for a period of 2 years from the date of purchase. Our products are warranted to be free of defects in original materials and workmanship. Our warranties apply to the original purchaser. To obtain warranty service, we ask you to help us out with the following:

1. Be able to furnish a copy of your sales invoice. However, if you can't find it, we'll do our best to fire up the computer and look it up for you.
2. The serial numbers must be intact and match those on your sales invoice. Return authorization must first be obtained by contacting us before sending your subwoofer to us. It must be properly packed.

Our speakers were designed for residential stereo or home theater use and must be used in this manner. They were not specifically designed for public address, musical instrument amplification, or other commercial or high intensity applications such as county fairs or NASCAR races. Such use is not covered under warranty.

Speakers returned under the terms of the warranty will be repaired or replaced at our option. We will pay for shipping the repaired product back to you if you live in the continental U.S. You are responsible for prepaying the shipping to us. Speakers that have been abused, operated improperly, improperly packed, tampered with, insulted or opened (without our prior permission) will not be repaired under warranty. This warranty does not cover damage caused by the use of faulty or improper audio/video components.

This is the total warranty. There are no other warranties, expressed or implied. No responsibility is assumed for any incidental or consequential damages. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

If you require service please contact us through our website or by phone (we promise to be nice about it even if you did something dumb).



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