

Initial Set Up

First, go to the App store on your device (Android or Apple). Search **Syzygy subs** - it'll come up right away. Download it.

Make sure **Bluetooth** is turned on - - the app communicates with the subwoofer with it (data, not audio).

The sub does not need to be hooked up to audio for its initial set up (it can be, but doesn't matter yet). Plug both the transmitter (wall wart power supply) and the subwoofer into ac power. There is a small button on the underside of the transmitter - push it. There is also a small button on the amp panel on the subwoofer - push it as well (preferably within 10 seconds of each other). They should go from blinking to solid blue. When they're both solid blue this indicates that they have successfully paired.

Room Calibration

When you launch the app, it'll go to the "**Discover & Connect**" screen. There you should see your SLF 870 listed. Go ahead and press it. It'll ask for a password - "0000" (four zeros). Your smartphone & sub is now married. Forever..

Next, go to the "**Auto Eq**" screen (bottom of the app, second from the right). Once there, get up close to your woofer (about a foot or so) and press "analyze". It will go through a series of loud tone steps - about 15 seconds or so. When it's done, go to your listening position, hit the "next" button and repeat the analyze step again - this changes the filter and calibrates the sub to the listening position. When that's done, hit save... and that's it!

Hooking the Subwoofer up to Your System

The transmitter has LFE (single RCA) and stereo L&R RCA inputs; whichever you want to do is fine. Connect with RCA line out (variable) from your preamp - either single or stereo RCA in.

***Truth be told the only time subs actually accept and process discrete stereo signals is when you're using the low level RCA inputs and outputs as a low pass / high pass filter between the front speakers and the sub. This is rarely practiced - so we did not add a low level HP out on the sub. So ours, like everyone else's sums mono the input signal as bass below 100Hz isn't recorded in stereo. More on that later if you want..*

Subwoofer Crossover Settings and Volume

From here on in it's all a matter of personal preference.

On the "**Setup**" screen (second button from the bottom left) you'll see "**Low Pass**" at the top. The subwoofer's crossover is preset @ 80Hz (24dB / octave slope). You'll probably want to notch that down to the left a little - I'd give it a go around 60Hz. Once you're dialed in - indeed this is a set it and forget it affair.

The "**Volume**" screen will be your main on from here on in (bottom left of the app). Set this of course, to personal preference. Don't be afraid to make wild changes initially and then fine tune them. The mute button on the home (volume) screen is handy - - switching it off and on will get you to that "tipping point" of integration perfection. What should happen is, beyond visceral and literal frequency depth, the soundstage will get a little "grander" on all source material heedless of frequency. That's the magic of a well-integrated subwoofer - they improve the entire system. When they're off the whole system gets a little smaller.

Setting up Multiple Subs

The subwoofers need to set up one at a time. I'd advise plugging the first one in only, calibrating it, then naming it L or R. You'll want to discern which sub is which on the main menu - the home page will show two SLF 870s, yet each one has its own profile in the app (MAC Address). It's kind of like having identical twins - you need to give them different names to tell them apart. You name them by "right swiping" the name on the home screen - you'll see how to rename it then. Once this is done, unplug the first sub. Do the same exercise for the second sub. I know this sounds a little kludgy - there are shortcuts, but they confuse rather than clarify for the first time user.

Remember that the app controls one sub at a time. To keep them individual (eq., etc). Once they're both dialed in they'll play nicely together!