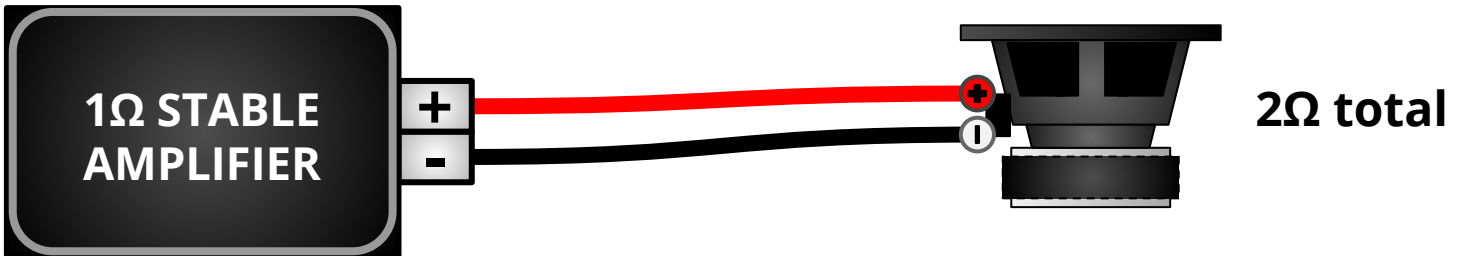


1 Ohm Stable Amplifier 2Ω SVC Subwoofer Wiring Diagram

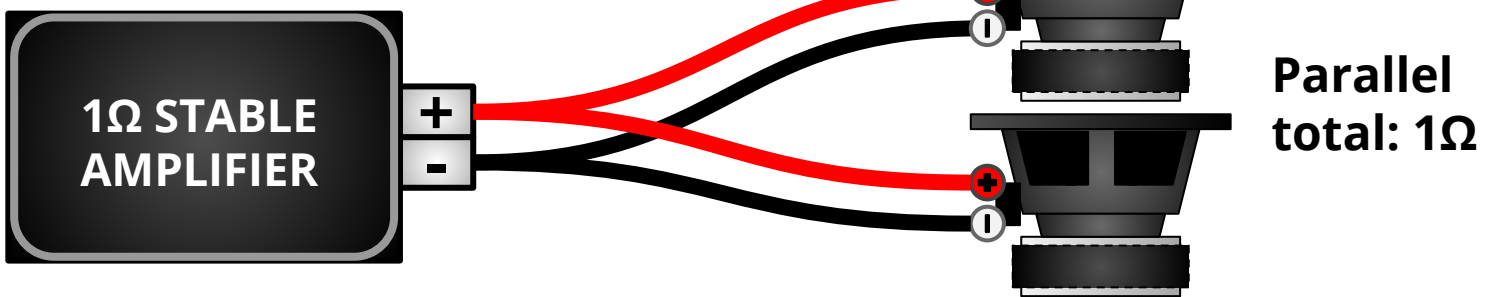
SoundCertified.com

This diagram shows how to wire subwoofers for a 1Ω stable (mono) amplifier for the best compromise between Ohms load and power output. Wiring for 1 to 4 subs at 2Ω is shown.

One 2Ω subwoofer

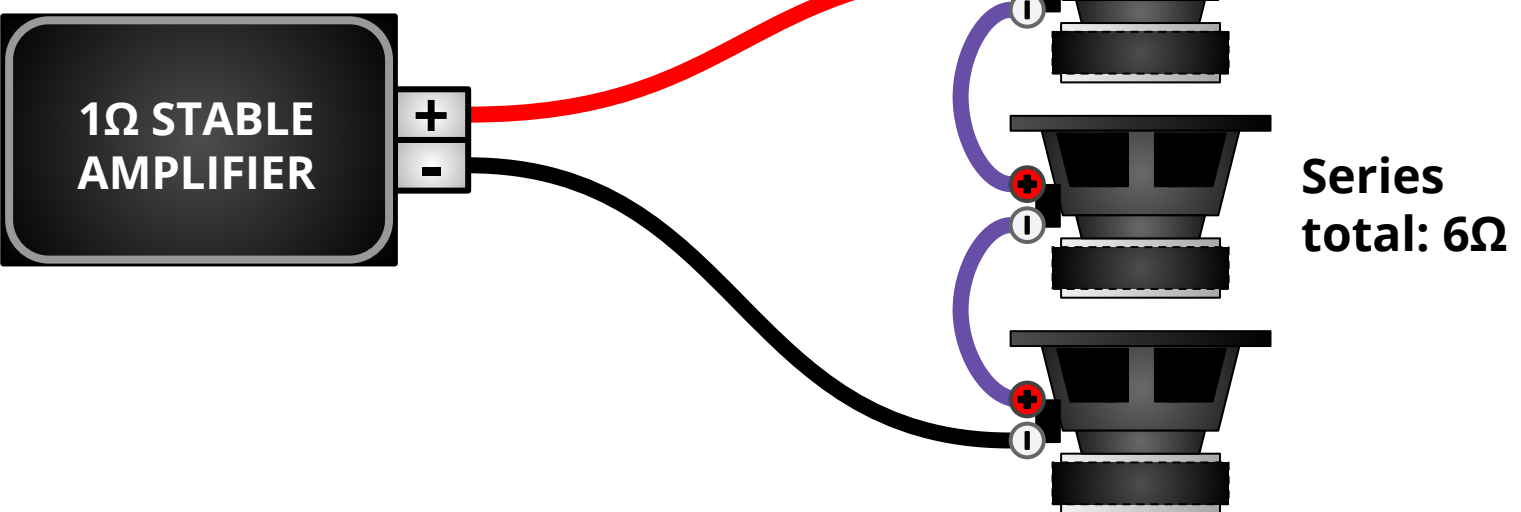


Two 2Ω subwoofers



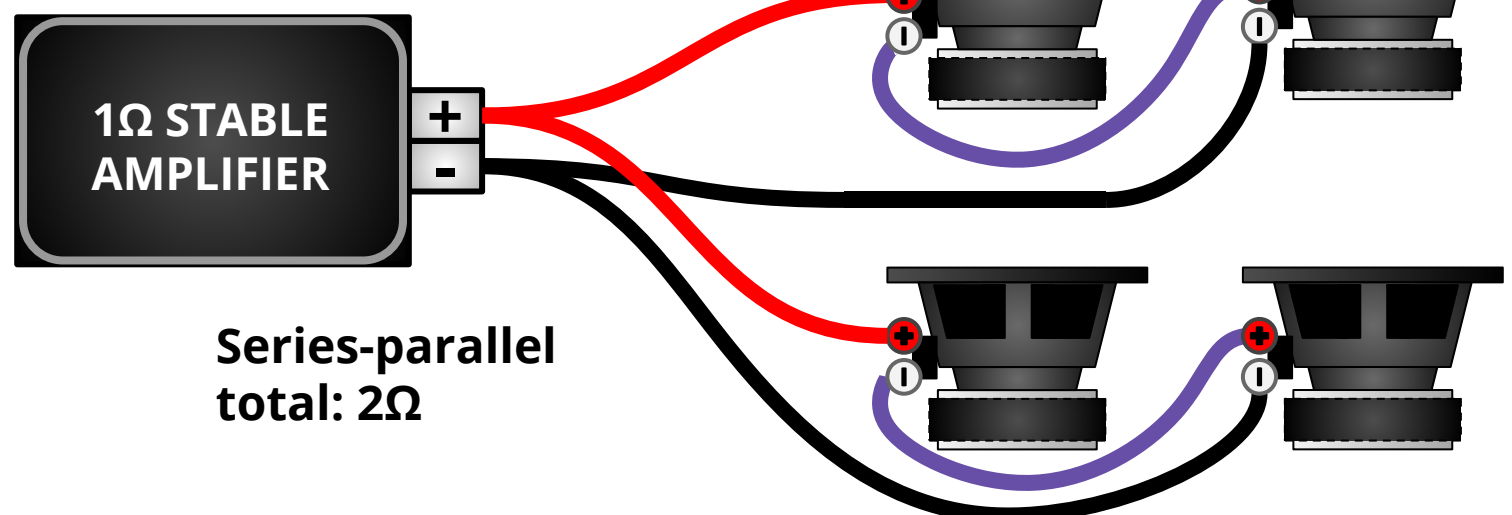
Result: GOOD - This will deliver the maximum rated power from the amp. Each subwoofer gets $\frac{1}{2}$ of the max. rated power output.

Three 2Ω subwoofers



Result: NOT RECOMMENDED - This will reduce the total power delivered from the amp. Each sub will then have $\frac{1}{3}$ of that power. However, you cannot wire 3x 2Ω SVC subwoofers otherwise.

Four 2Ω subwoofers



Result: OK BUT NOT GREAT - with a 2Ω total load the amp will be able to deliver good total power (not max. rated power) but each subwoofer gets $\frac{1}{4}$ of the total power output @ 2Ω. (Ex.: for 500W @ 2Ω each subw. can get 125W).