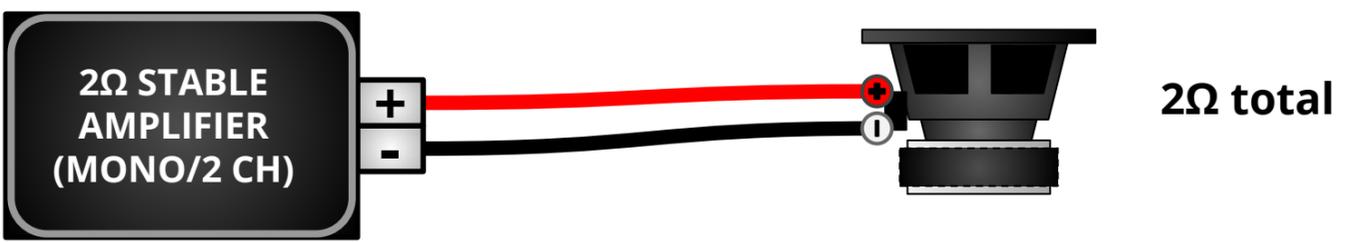


# 2 Ohm Stable Amplifier 2Ω SVC Subwoofer Wiring Diagram

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

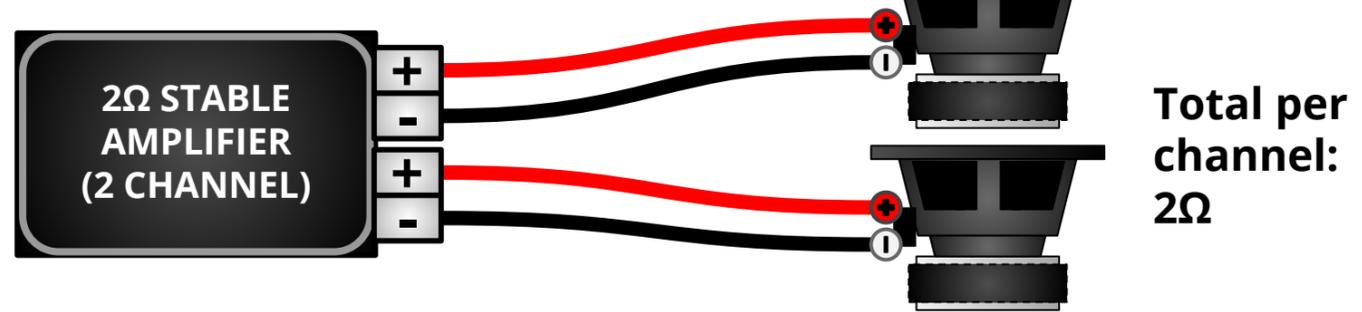
## One 2Ω subwoofer



## Two 2Ω subwoofers

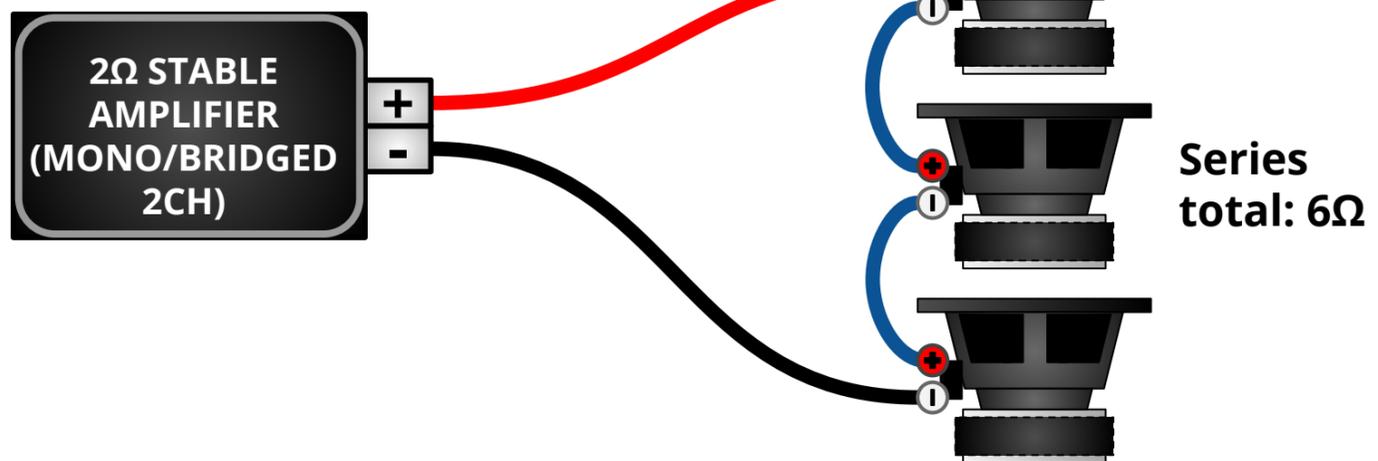


**Result: OK** - The total power from the amp will be its 4Ω rated power, with each subwoofer getting ½ of that, 50% less power than the amp's output for a 2Ω load.



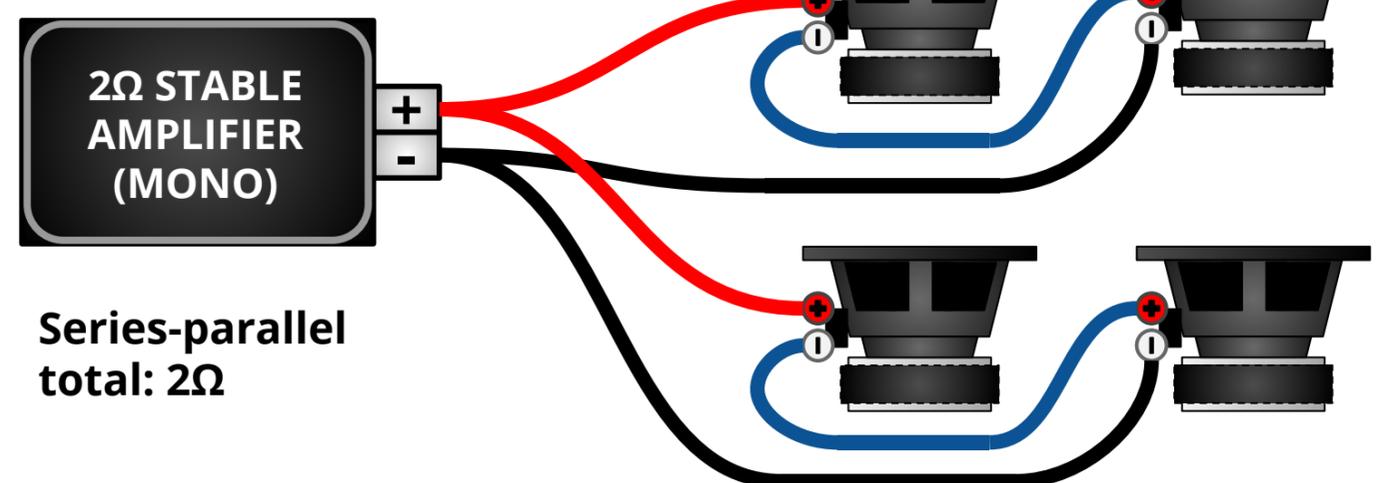
**Result: GOOD** - This will deliver the amp's 4Ω rated power. However, to deliver the most power to each speaker once voice coil is used meaning it handles more heat & power than setups able to use both.

## Three 2Ω subwoofers

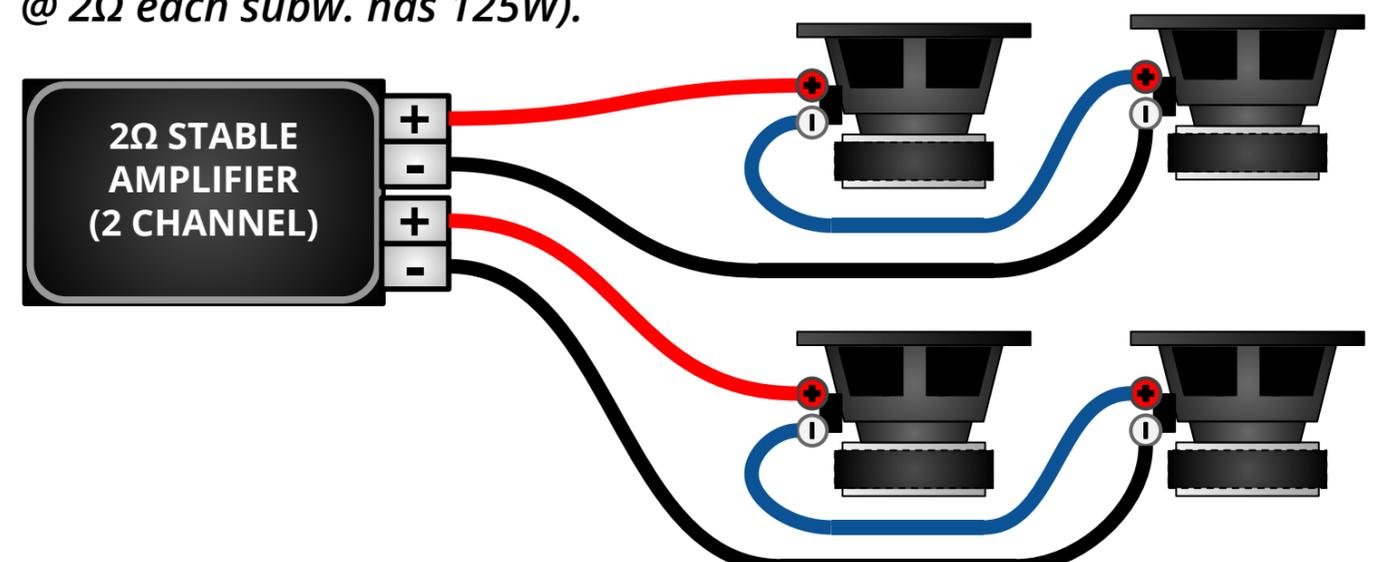


**Result: NOT RECOMMENDED** - This will reduce the total power delivered from the amp. Each sub will then have ⅓ of that power. However, you cannot wire 3x 2Ω SVC subwoofers otherwise.

## Four 2Ω subwoofers



**Result: OK** - with a 2Ω total load the amp will be able to deliver good total power (the max. rated power), However, each subwoofer gets ¼ of the total power output @ 2Ω. (Ex.: for 500W @ 2Ω each subw. has 125W).



**Result: OK** - The total power from each channel will be its 4Ω rated power with each subwoofer getting ½ of that. A 2Ω load for max. power is not possible with four 2Ω SVC speakers. Adequate but not able to fully use the amp's rated power.