


Single Voice Coil (SVC) Wiring Tutorial

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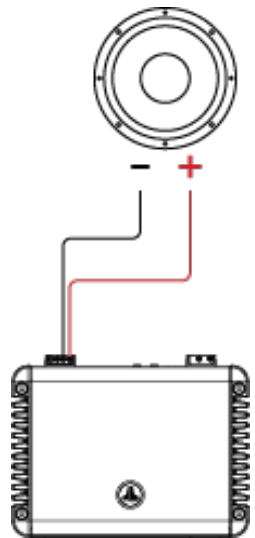
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With multi-driver sub systems, the level of wiring complexity can be enough to turn-off even the most adventurous of car audio do-it-yourselfers. Fear not, though, for we have compiled wiring diagrams of several configurations for single voice coil (SVC) drivers. Please note that when wiring multiple drivers, it is recommended that series connections between drivers be avoided at all costs. This does not include series connections made between voice coils on the same driver. For more information, please consult our dual voice coil tutorial section. Additionally, if you have an idea for a wiring configuration that you do not see here, chances are you should re-think its implementation (in other words, don't do it). You will more than likely find that the results will be less than optimal.

 Note: Amplifier depicted is for reference only - check the capability of your amplifier before making any connections

One SVC Driver

It just doesn't get any easier than this: two terminals (+ and -) on the speaker and two leads from the amp, also conveniently labeled + and -. The rest is history.

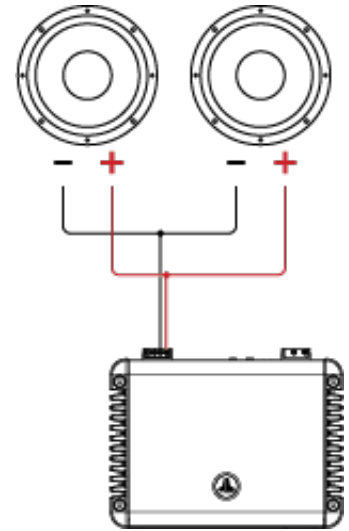


One Single Voice Coil Speaker

- 2 Ohm Subwoofer: 2 Ohms
- 3 Ohm Subwoofer: 3 Ohms
- 4 Ohm Subwoofer: 4 Ohms
- 8 Ohm Subwoofer: 8 Ohms
- 12 Ohm Subwoofer: 12 Ohms

Two SVC Drivers with Voice Coils in Parallel

This is pretty simple, too. Wire both woofer (+) to the amplifier's (+), and do the same with the (-) connections.

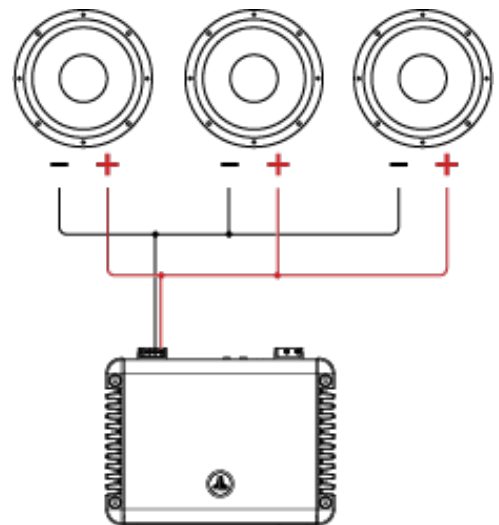


Two Single Voice Coil Speakers In Parallel

- 2 Ohm Subwoofer: 1 Ohm
- 3 Ohm Subwoofer: 1.5 Ohms
- 4 Ohm Subwoofers: 2 Ohms
- 8 Ohm Subwoofers: 4 Ohms
- 12 Ohm Subwoofers: 6 Ohms

Three SVC Drivers with Voice Coils in Parallel

All woofer (+) to the amp (+). All woofer (-) to the amp (-) connections.

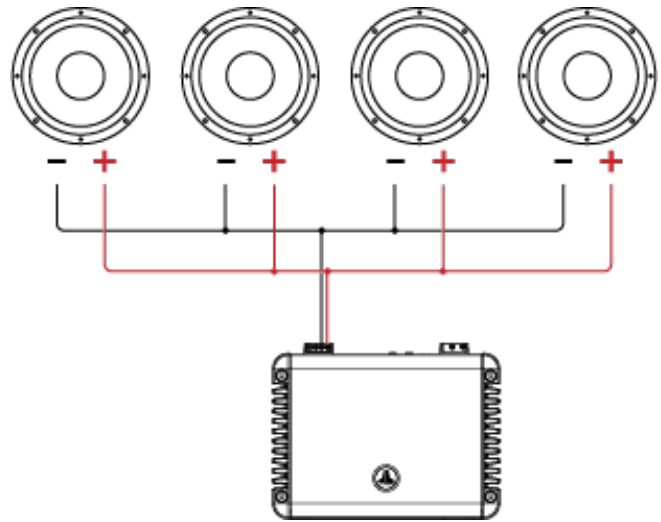


Three Single Voice Coil Speakers in Parallel

- 2 Ohm Subwoofers: 0.67 Ohm
- 3 Ohm Subwoofers: 1 Ohm
- 4 Ohm Subwoofers: 1.33 Ohms
- 8 Ohm Subwoofers: 2.66 Ohms
- 12 Ohm Subwoofers: 4 Ohms

Four SVC Drivers with Voice Coils in Parallel

All woofer (+) to the amp (+). All woofer (-) to the amp (-) connections.

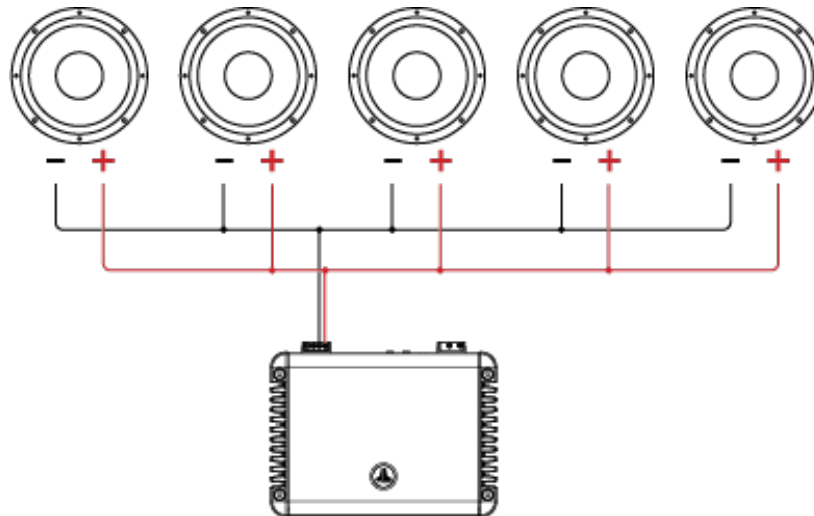


Four Single Voice Coil Speakers in Parallel

- 2 Ohm Subwoofers: 0.5 Ohms
- 3 Ohm Subwoofers: 0.75 Ohms
- 4 Ohm Subwoofers: 1 Ohm
- 8 Ohm Subwoofers: 2 Ohms
- 12 Ohm Subwoofers: 3 Ohms

Five SVC Drivers with Voice Coils in Parallel

All woofer (+) to the amp (+). All woofer (-) to the amp (-) connections.

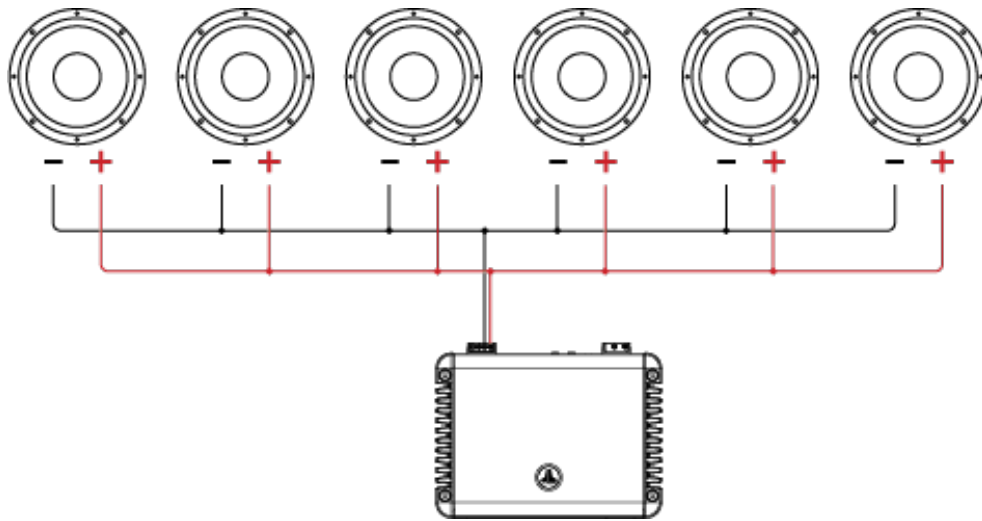


Five Single Voice Coil Speakers in Parallel

- 2 Ohm Subwoofers: 0.4 Ohms
- 3 Ohm Subwoofers: 0.6 Ohm
- 4 Ohm Subwoofers: 0.8 Ohm
- 8 Ohm Subwoofers: 1.6 Ohms
- 12 Ohm Subwoofers: 2.4 Ohms

Six SVC Drivers with Voice Coils in Parallel

All woofer (+) to the amp (+). All woofer (-) to the amp (-) connections.



Six Single Voice Coil Speakers in Parallel

- 2 Ohm Subwoofers: 0.33 Ohm
- 3 Ohm Subwoofers: 0.5 Ohm
- 4 Ohm Subwoofers: 0.67 Ohm
- 8 Ohm Subwoofers: 1.33 Ohms
- 12 Ohm Subwoofers: 2 Ohms