

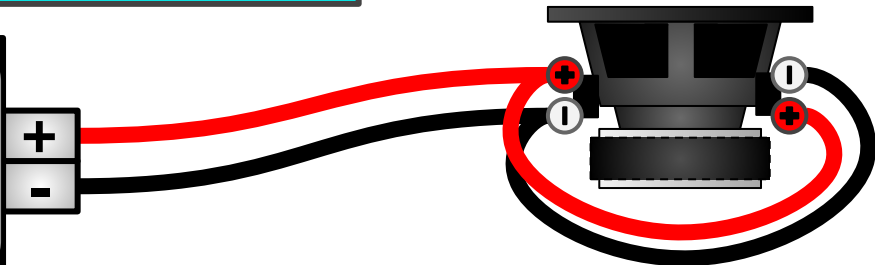
2 Ohm Stable Amplifier 4Ω DVC Subwoofer Wiring Diagram

SoundCertified.com

Wiring diagrams for 1 to 4 subs at 4Ω per voice coil with mono (single) and 2 channel amps for the best compromise of Ohms & power.

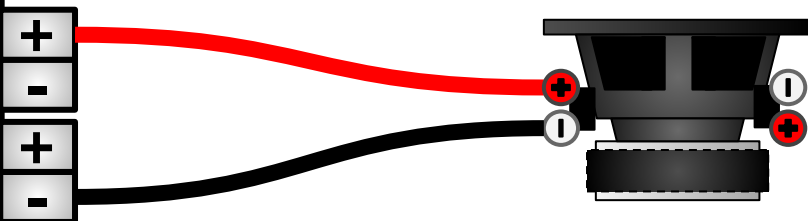
One 4Ω subwoofer

2Ω STABLE
AMPLIFIER
(MONO)



Parallel
total: 2Ω

2Ω STABLE
AMPLIFIER
(BRIDGED 2CH @
4Ω)

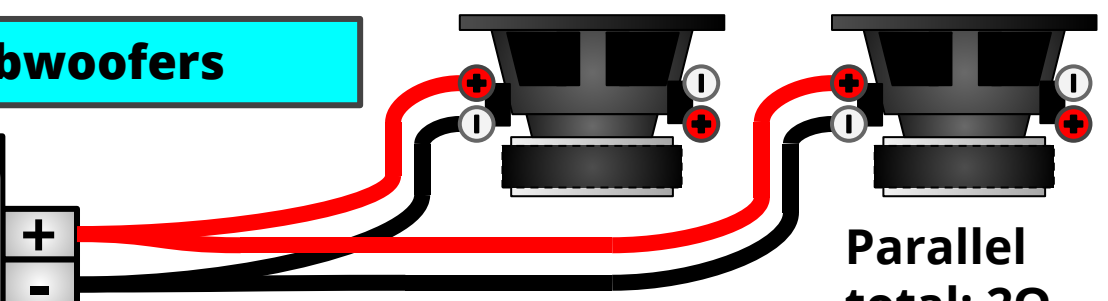


Total:
4Ω

Result: (Mono amp: GOOD, 2 ch. amp: OK) - A mono amp can supply full power and drive the speaker fully. Most 2 ch. amps are limited to 4Ω when bridged, adequate for driving one voice coil fairly well.

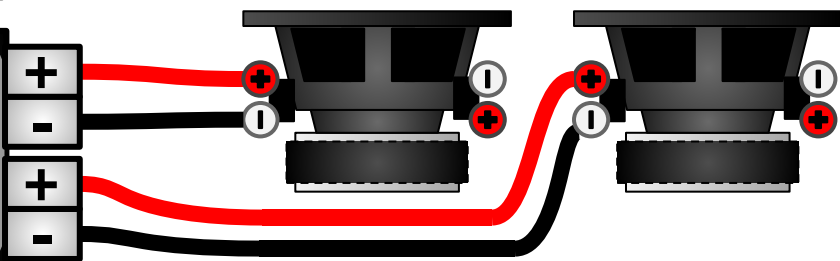
Two 4Ω subwoofers

2Ω STABLE
AMPLIFIER
(MONO)



Parallel
total: 2Ω

2Ω STABLE
AMPLIFIER
(2 CHANNEL)

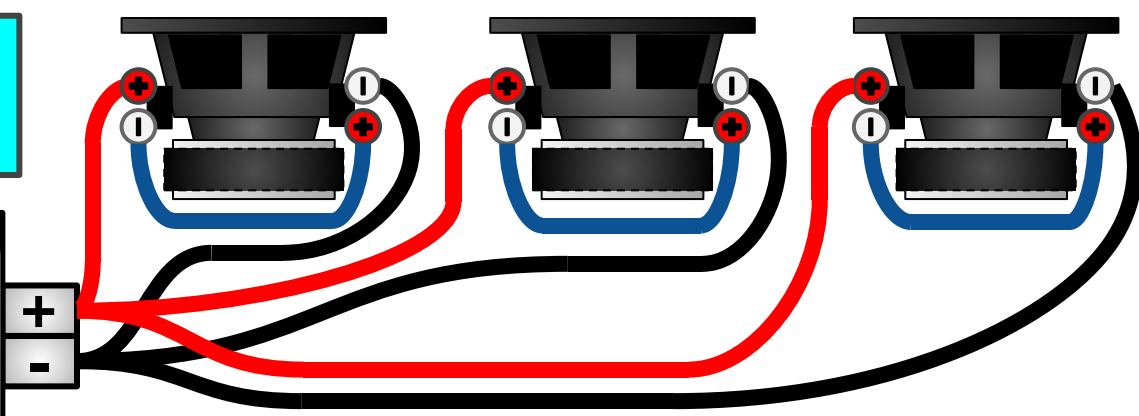


Total per
channel:
4Ω

Result: (Mono amp: GOOD, 2 ch. amp: OK) - Mono amps will deliver more power total power. Most 2 ch. amps are limited to 4Ω loads, adequate for driving one voice coil fairly well.

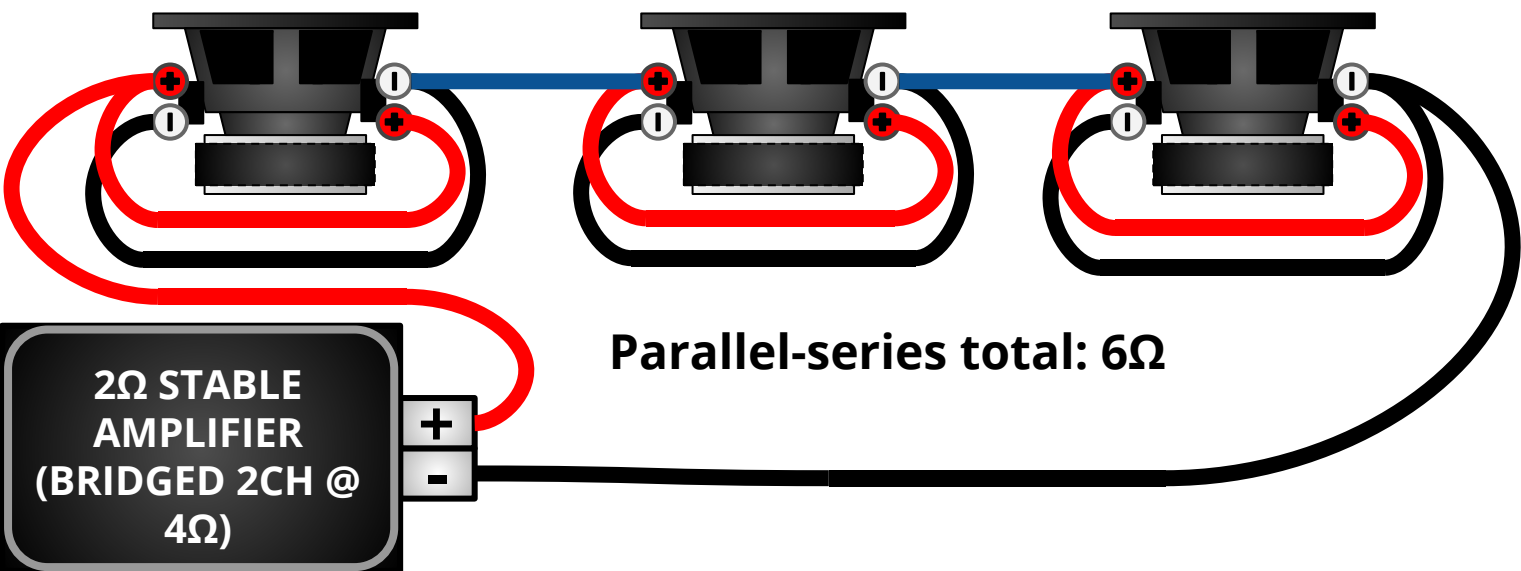
Three 4Ω subwoofers

2Ω STABLE
AMPLIFIER
(MONO)



Series-parallel total: 2.67Ω

Result: OK - The amp will deliver close to its maximum rated power. Each subwoofer will receive 1/3 the total power output. Not ideal due to limited power but the only safe speaker load in this case.

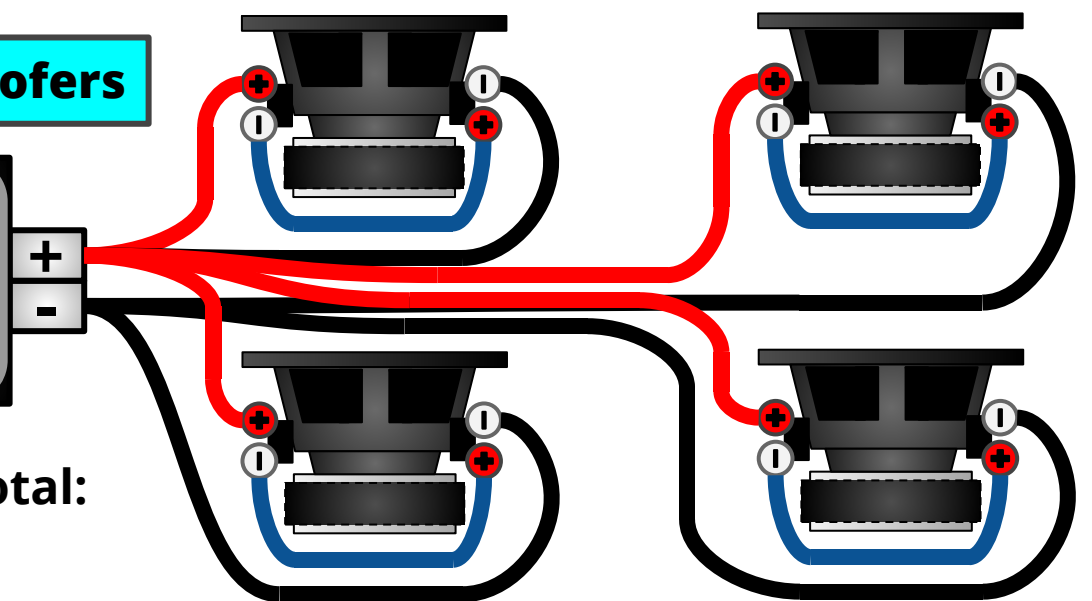


Parallel-series total: 6Ω

Result: DECENT - Amp power will be below its 4Ω rating. Each speaker receives 1/3 the output power. Not power-efficient.

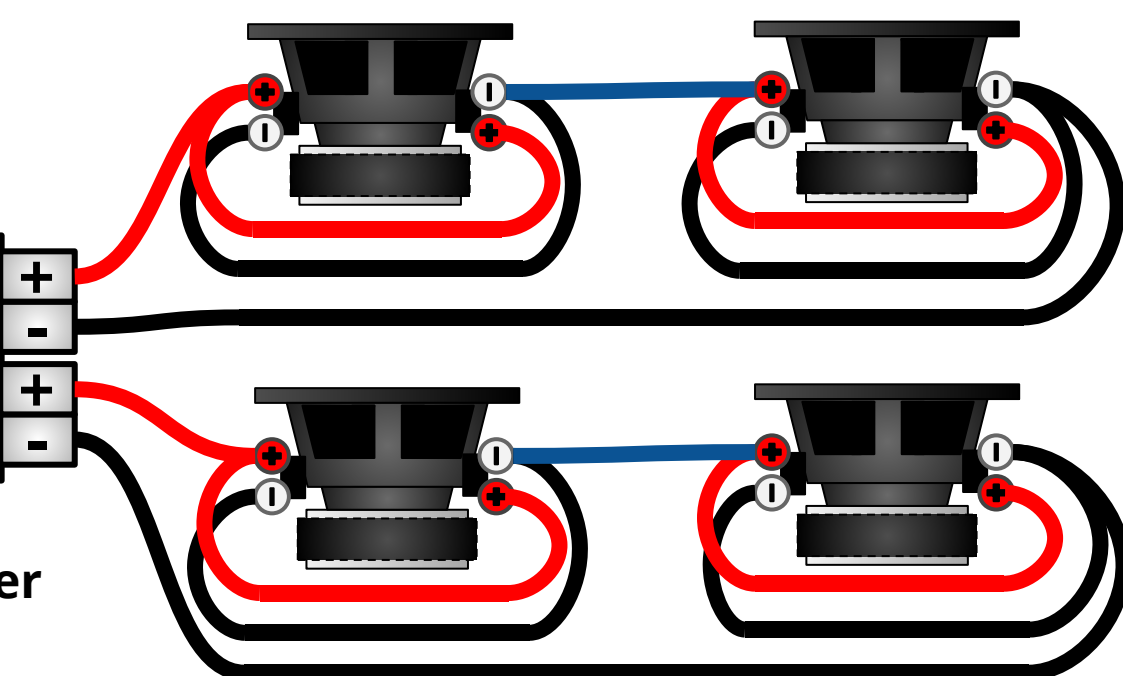
Four 4Ω subwoofers

2Ω STABLE
AMPLIFIER
(MONO)



Series-parallel total:
2Ω

2Ω STABLE
AMPLIFIER
(2 CHANNEL)



Parallel-series per
channel: 2Ω

Result: OK - Amp will deliver the full 2Ω rated power. Each speaker is fully driven and the voice coils share both power & heat handling.