

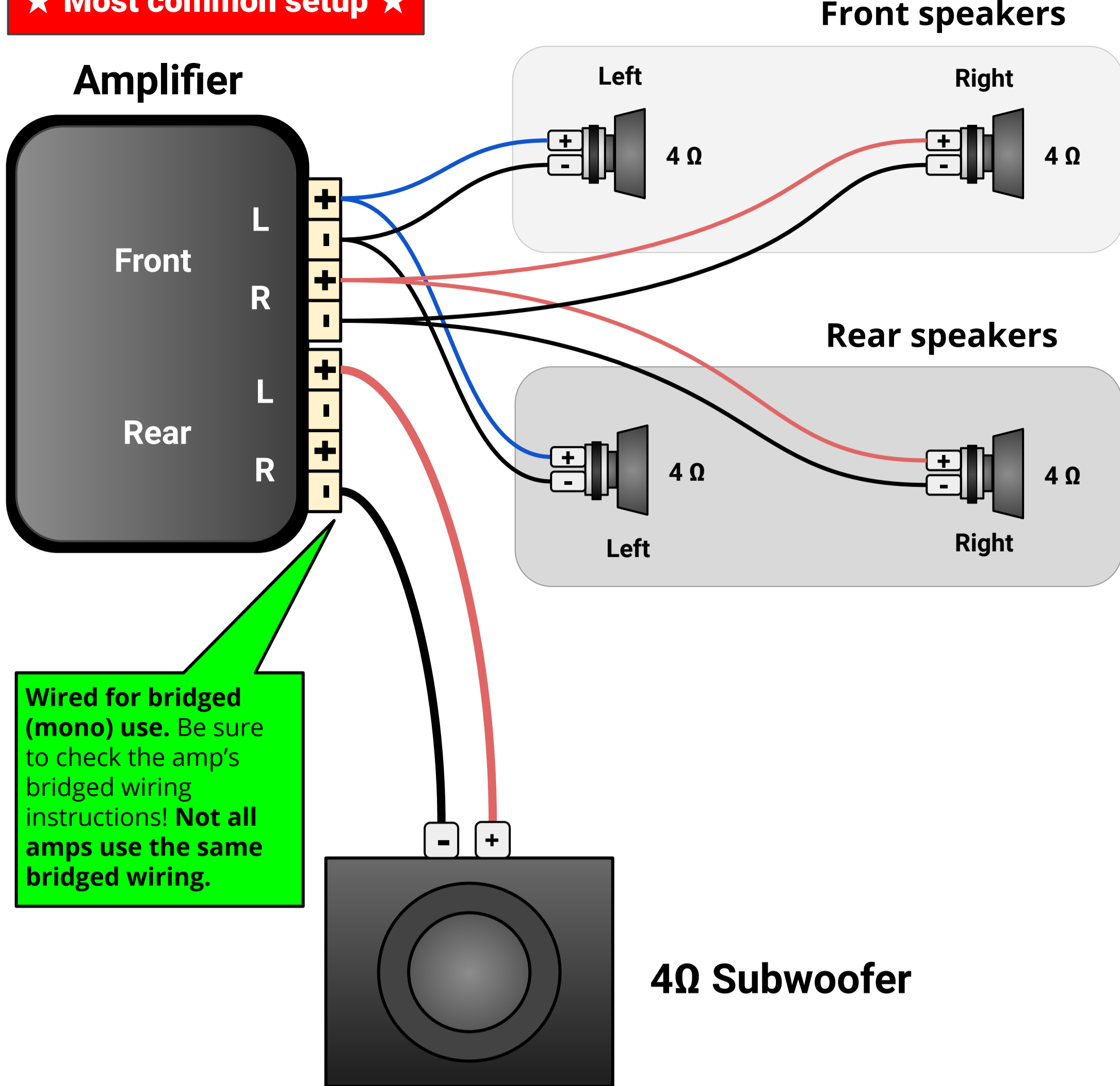
How To Wire A 4 Channel Amp To 4 Speakers And A Subwoofer (Diagram And Notes)

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1

System 1: Using a 4 channel amp rated for 2 ohms stereo, 4 ohms bridged. Each front amp channel is wired with 2 speakers in parallel for 2 ohms per channel.

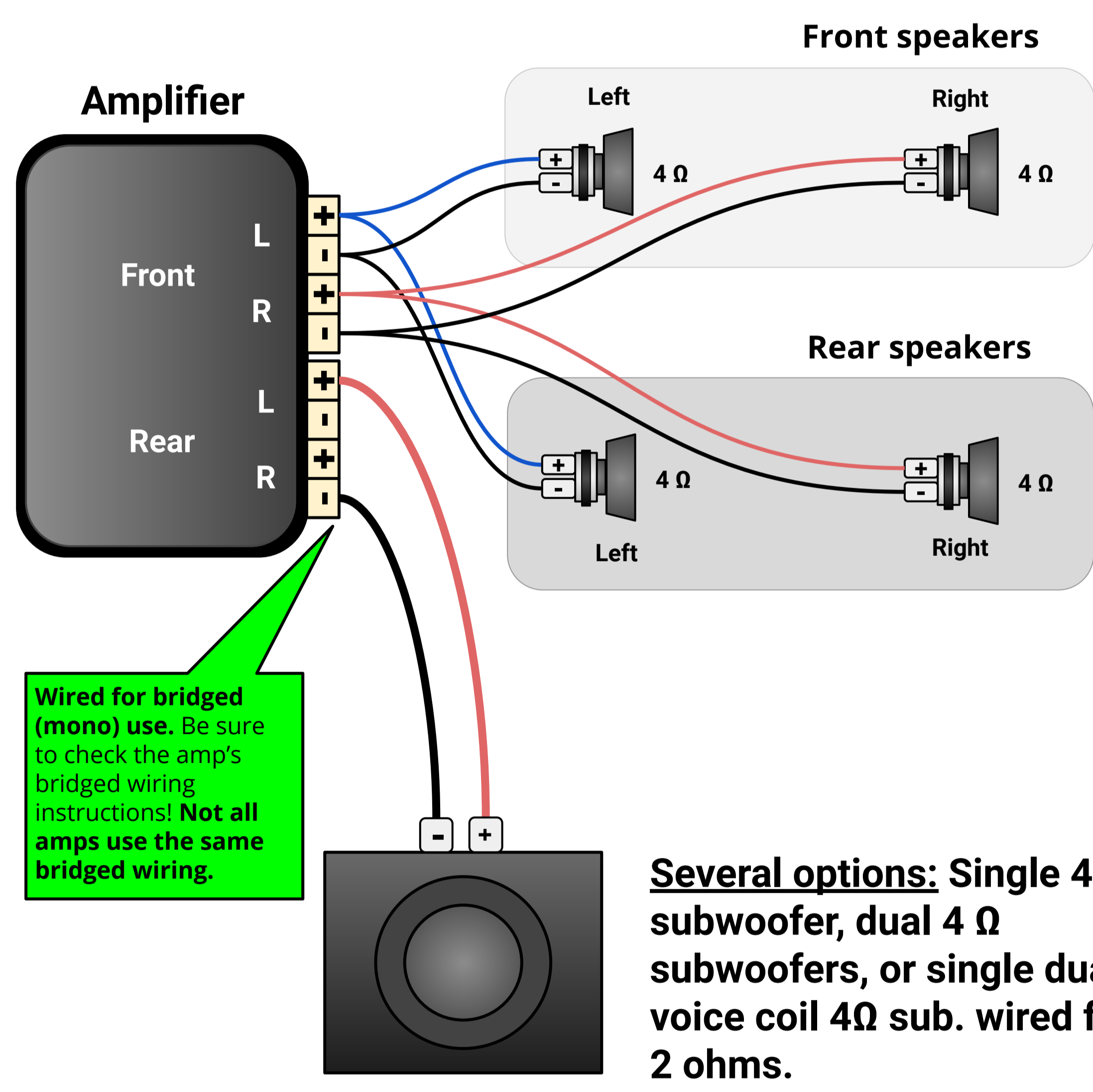
★ Most common setup ★



Wired for bridged (mono) use. Be sure to check the amp's bridged wiring instructions! Not all amps use the same bridged wiring.

2

System 2: Using a 4 channel amp rated for 2 ohms stereo, 2 ohms bridged. Each front amp channel is wired with 2 speakers in parallel for 2 ohms per channel. Subwoofer can be 2 or 4 ohms (more options).

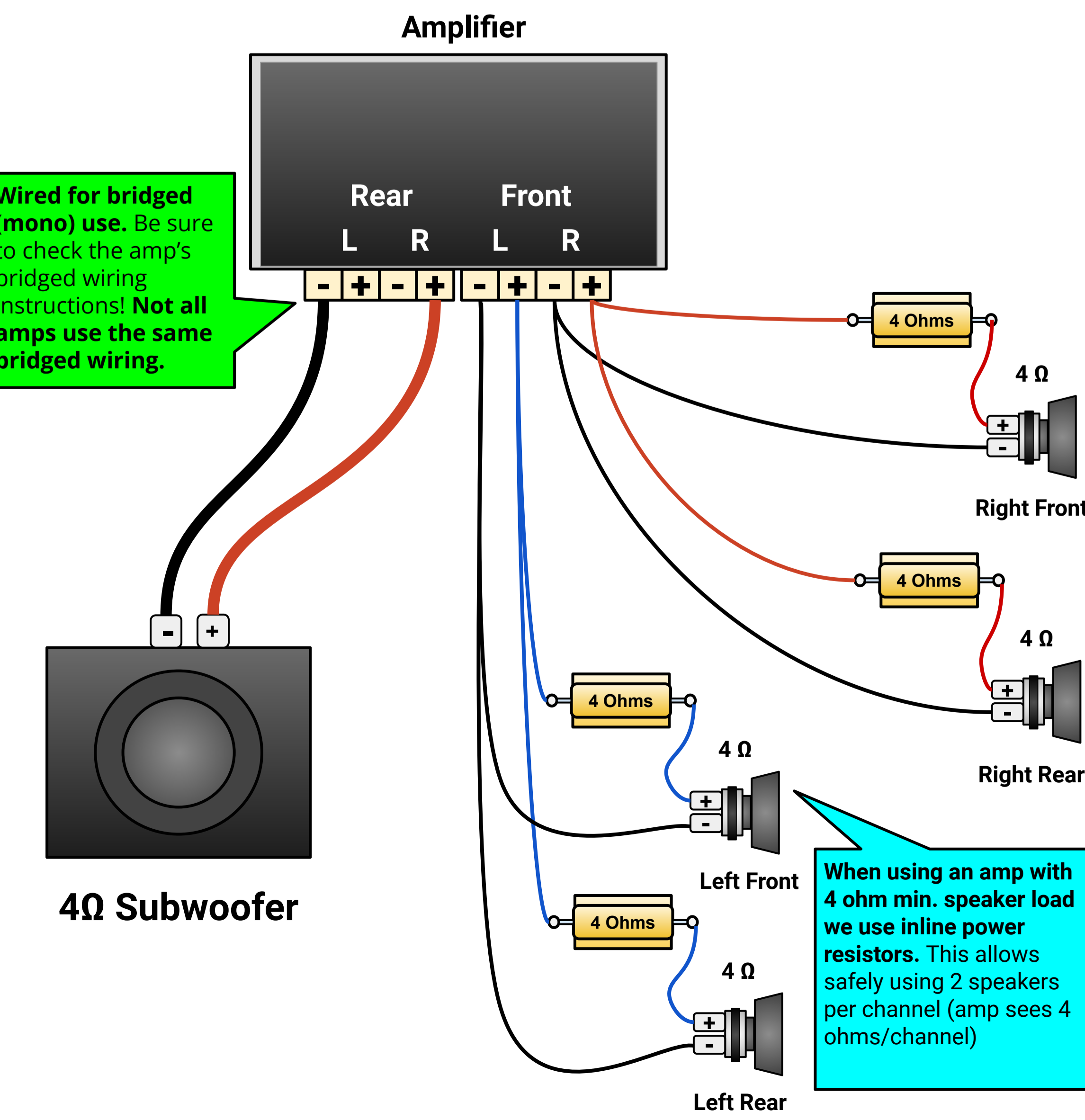


Wired for bridged (mono) use. Be sure to check the amp's bridged wiring instructions! Not all amps use the same bridged wiring.

Several options: Single 4Ω subwoofer, dual 4 Ω subwoofers, or single dual voice coil 4Ω sub. wired for 2 ohms.

3

System 3: Using a 4 channel amp rated for 4 ohms minimum speaker load. Each front amp channel is wired with 2 speakers in parallel for 4 ohms per channel. Resistors are need to keep the total speaker load at 4 ohms/channel. (Two 8 ohm circuits in parallel = 4 ohms)



Wired for bridged (mono) use. Be sure to check the amp's bridged wiring instructions! Not all amps use the same bridged wiring.

When using an amp with 4 ohm min. speaker load we use inline power resistors. This allows safely using 2 speakers per channel (amp sees 4 ohms/channel)

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