

Power Series Amplifiers Installation Manual / Quick Start Guide

JENSEN®

Installation Assistance

For installation assistance, call 888-921-4088 during normal business hours, or visit www.jensenmobile.com at any time.

Supplies and Tools

To install the amplifier, you will need tools, supplies and adapters. It is best to make sure you have everything you need before you start.

Disconnect Battery

Disconnect the negative (-) battery cable before starting the installation. Check the battery ground (there should be two (2) ground wires coming from the battery – one going to the starter mounting bolt or engine block and another going to the vehicle chassis) and make sure the battery is grounded to the chassis with at least a #8 gauge wire. Also check the alternator connections, making sure they are tight and free from corrosion, rust or dirt.

Location and Mounting

The amplifier's compact design allows great flexibility in mounting. Common mounting locations include under the front passenger seat or in the trunk area.

When selecting a location, remember that amplifiers generate heat. Select a location on a flat surface away from heat and moisture where air can circulate around the amplifier.

Recommended Power Wire Size

MODEL NUMBER	FUSE SIZE	MIN. WIRE GAUGE
Power250x2	25A	#8
Power400x4	2x20A	#8
Power500x1	2x35A	#6

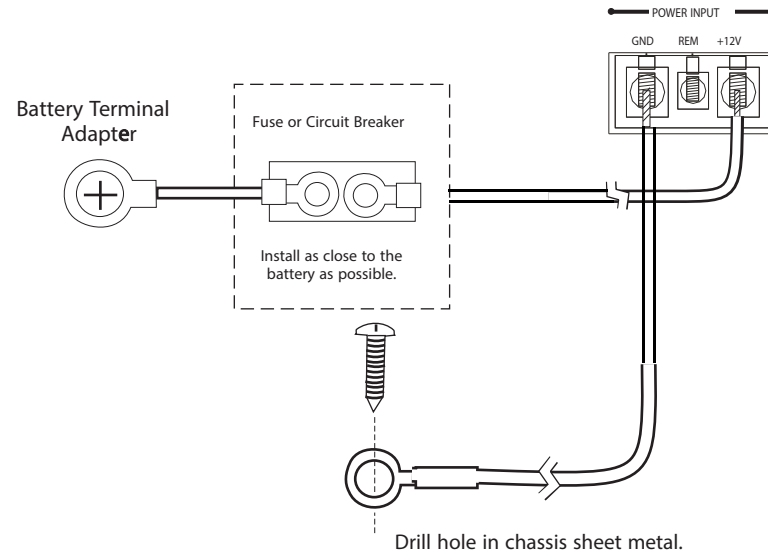
Remote Terminal (Turn-On)

Connect the power antenna or amplifier turn-on lead (Switched +12VDC) from the receiver to the amplifier remote terminal.

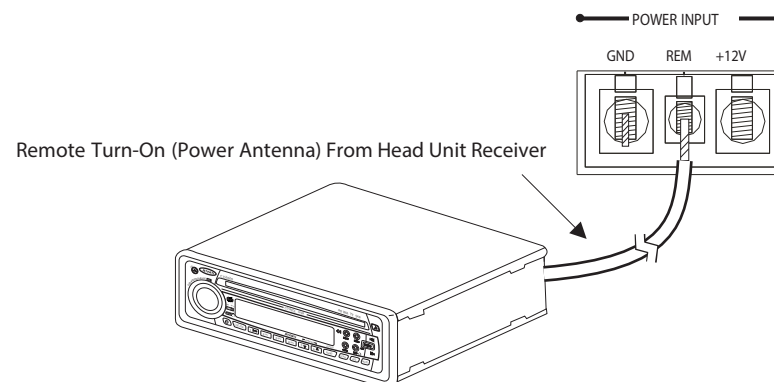
Note: Complete amplifier operation manuals are online at www.jensenmobile.com

Power Terminal (+12V) and Ground Terminal (Gnd)

Connect the main power wire to the battery, within 18 inches from the positive (+) battery post, use an adequate size fuse or circuit breaker capable of handling the current of the selected power wire. A fuse or circuit breaker must be installed to prevent a possible electrical fire should the main power wire short to ground.



Make the ground lead as short as possible, leaving enough length to complete the installation. To ensure a good ground, scrape away any paint or undercoating to expose bare metal. Use a "ring" terminal of the proper gauge and an "outside star washer" (between the chassis and ring terminal) when making your ground connection.

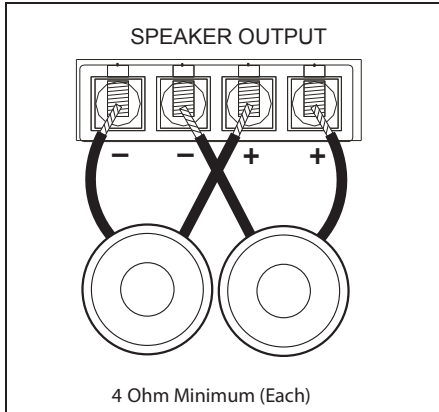


Speaker Wiring

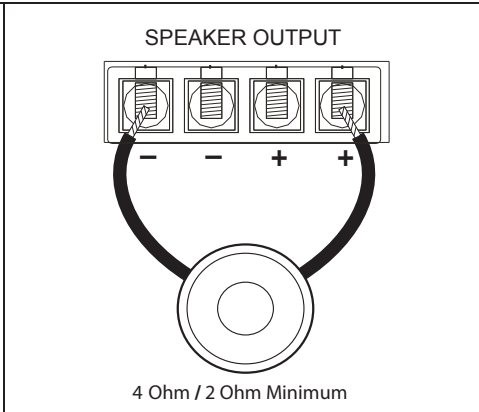
The Speaker Wiring diagrams illustrate options for connecting one or two speakers. Observe the proper speaker polarity.

Power500x1

Two Subwoofers

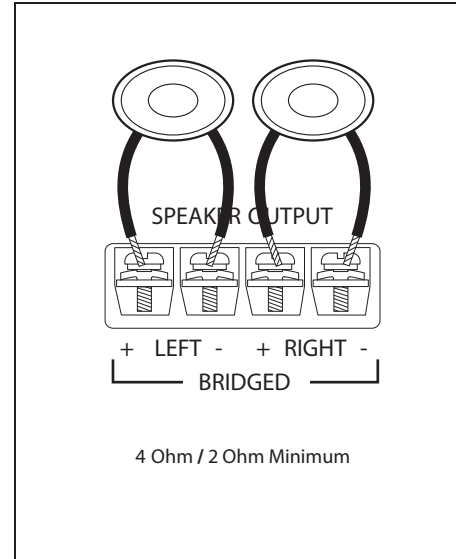


One Subwoofer

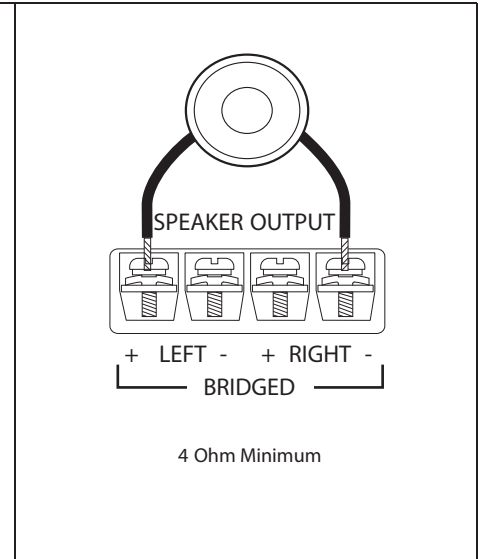


Power250x2

Two Speakers

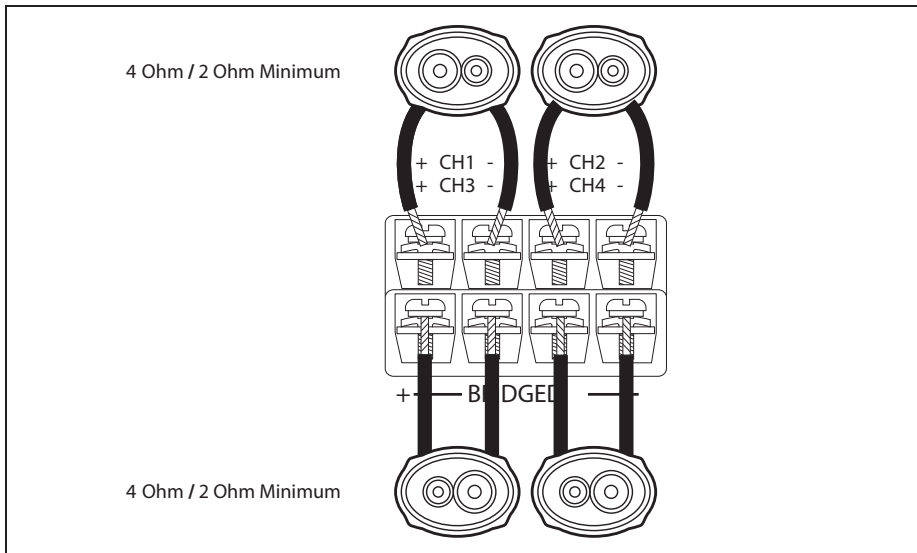


One Subwoofer



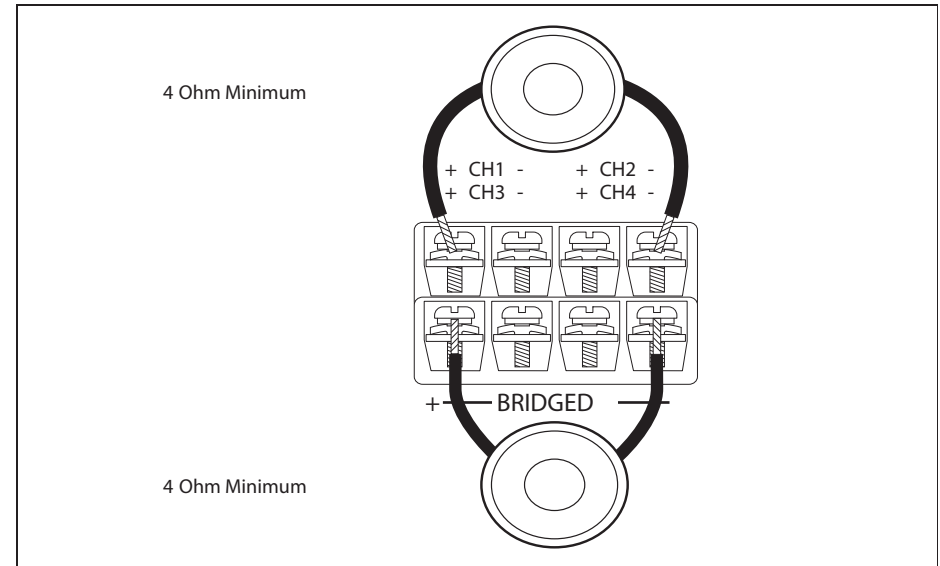
Power400x4

Four Speakers



Power400x4

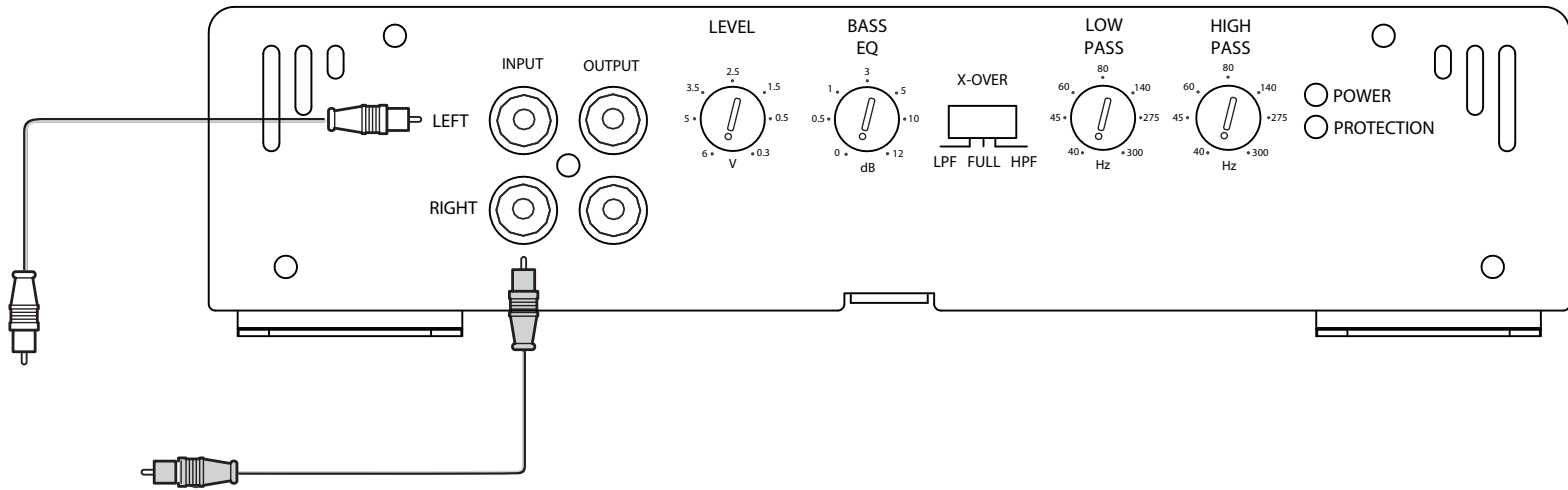
Two Speakers



Input Wiring

Most trunk/hatchback installations will require a 15-20 foot RCA cable, while pickup trucks and under-seat mounting will require a 6-12 foot RCA cable. Connect an RCA cable from your receiver to the RCA input on your amplifier.

Power250x2



Power400x4

