

SigmaX 800.5 Amplifier Specifications

Input Voltage: 10V – 16V

CH 1-4 High Pass Filter: 20Hz to 8kHz

CH 5 Low Pass Filter: 40Hz to 250Hz

Signal to Noise Ratio: >95dB

Input Sensitivity: 6V – 0.2V

Remote Gain Control

Power Ratings

4 Ohms: 80W x 4 (CH 1-4) + 170W x 1 (CH 5)

2 Ohms: 120W x 4 (CH 1-4) + 320W x 1 (CH 5)

Bridged: 210W x 2 (CH 1-4)



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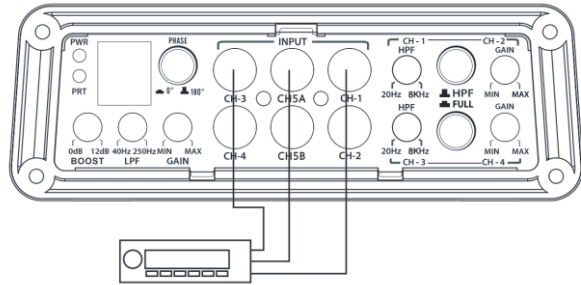
SigmaX 800.5

Power Amplifier Installation Instructions

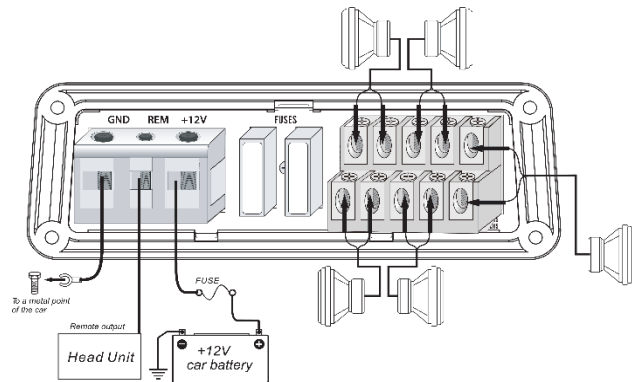


Add Quality bass to your system with our SigmaX line of subwoofers!

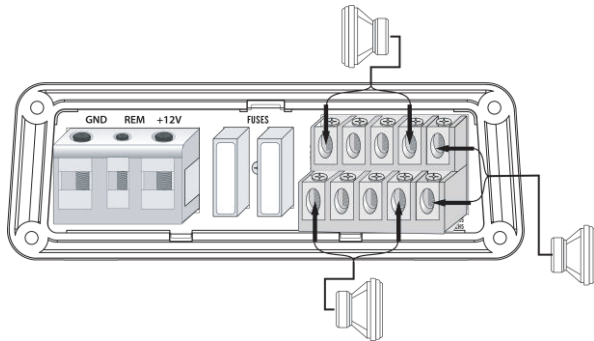
Wiring Guide



Connect your RCAs from the head unit to the RCA inputs on the amplifier.



Connect the power wires and speaker wires as indicated. Use an impedance of 2 Ohms or greater.



In bridged operation, connect the speaker wires as shown with an impedance of 4 Ohms or greater. The subwoofer channel must be 2 Ohms or greater.

Troubleshooting

Symptom	Possible Cause	Solution
Distorted Output	Damaged Speakers	Check the system with known working speakers and repair or replace as needed.
Poor Bass Response	Incorrect Polarity causing cancellation Incorrect Crossover settings	Check speaker polarity and rewire as needed Reset Crossover settings
Main Fuse Blowing	Impedance load too low	Check impedance loads. If they are below 2 Ohm stereo or 4 Ohm mono, rewire to a higher impedance. Replace fuse.
Amplifier Fuse Blowing	Faulty power connections or short Incorrect fuse Impedance load too low	Check power and ground wire and connections and repair as needed Replace with proper size fuse Check impedance loads. If they are below 2 Ohm stereo or 4 Ohm mono, rewire to a higher impedance. Replace fuses.

Consider adding some midrange and high frequency drivers to your SigmaX amplifier with our SigmaX 6.5" midranges and SigmaHF1 tweeters.

