

MODEL # SGN13

High Power - Line Output Converter - 2 Channel - Adjustable - 55 Watts per ch.



Stinger **SGN13** is an adjustable high power line output converter, which converts high level (speaker level) input into low level (RCA level) to be used after the head unit and before amplifiers or processors. **SGN13** also eliminates Noise & Distortion due to alternator whine, power feedback and other interferences. It provides full D.C. isolation between the head unit and amplifier while providing a correct load for the head unit. The Stinger **SGN13** installation is simple and can be used with floating ground or common ground head units.

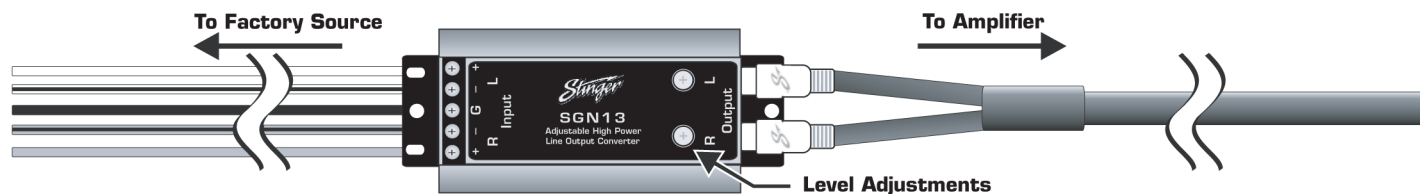
Installation Location: The **SGN13** can be installed anywhere the headunit's speaker leads can be intercepted. Installation behind the radio or at the rear speakers is acceptable.

Wiring Connections: **Input - R** Right Channel: Connect the Input of the SGN13 positive (+) and negative (-) wires of the headunit's speaker positive (+) and negative (-) wires. **L** Left Channel: Connect the Input of the SGN13 positive (+) and negative (-) wires of the headunit's speaker positive (+) and negative (-) wires. **G** Optional ground. Experiment grounding it when needing to eliminate minor noise problems.

Output - The output of the SGN13 will be connected to the amplifier or equalizer by means of RCA interconnects

Final Adjustments: Once all wiring connections are made, it is time to level match the factory radio to the new components so that the volume control has the proper range and reaches full volume without being overly sensitive. Start by turning the adjustment pots fully counterclockwise. Turn the radio to 3/4 volume. Turn one adjustment pot clockwise until you detect audio distortion and stop. Turn the other pot to the same position as the first and you're done. You should now have a full range of volume control.

Specification: Input: 50 Watts per channel Max. - Output Impedance <150ohm - Frequency Response: 20Hz to 20KHz +/- 2db - Distortion: <0.3% - Input / Output Ratio: 20:1



Stinger Technical Support ● 800.477.2267 ext. 230 ● stingerelectronics.com

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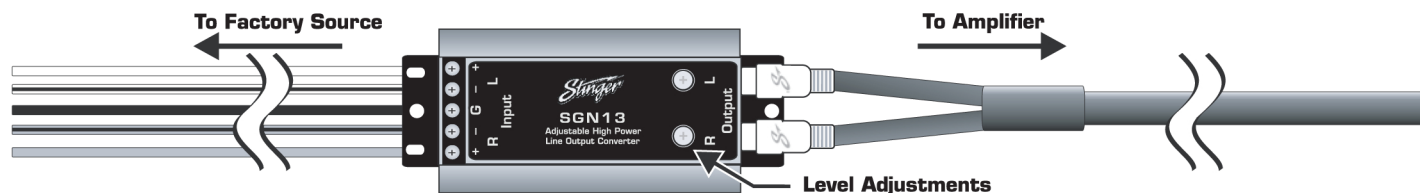
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