

TROUBLE SHOOTING

NO POWER LED ON, NO OUTPUT

- Check +12V and GND connection
- Check remote signal +12V
- Check the external fuses or built-in.

POWER LED ON, NO OUTPUT

- Check source unit for output
- Check input gain control
- Check RCA cable
- Check speaker and wiring for shorts
- Check for damaged speakers

NO SOUND ON ONE CHANNEL

- Swap left/right input to check source
 - ... If sound swaps too, source or signal cable is bad
- Swap left/right speaker to check speakers
 - ... If sound does not swap, speaker or speaker wiring is bad
 - ... In any case, consult authorized dealer

AMPLIFIER GOES IN PROTECTION MODE AT HIGHER GAIN

- Check speaker impedance
 - GF-COMP 5D, GF-COMP 7D & GF-COMP 11D is 1ohm for single use and 2ohm for strappable use.
- Check working voltages (8.5V - 16Volts)
- Check speaker wiring for short circuit

ENGINE OR ALTERNATOR WHINE NOISE

- Check wiring. make sure RCA cables are not run parallel on same side of vehicle as power cable.
- Check any preamps or black boxes in the signal path between source unit and amplifier
- Make sure ground pin (shield or outer barrel of RCA cables) have not lost connection and that source unit has good reference ground.



**PRODUCTS THAT ARE SETTING WORLD RECORDS
GODFATHER CAR AMPLIFIERS**

**GF-COMP 5D
GF-COMP 7D
GF-COMP 11D**

Before You begin installation

Before you begin , you will need tools, supplies and adapters. It is best to make sure you have everything you need before you start.

Amplifier Location

Allow air circulation around the amplifier.
 The amplifier's compact design allows greater flexibility in mounting. it can be mounted under the seat and in the trunk.
 When selecting a location, remember that amplifiers generate heat. Select a location where air can circulate around the amplifier.
 Do not cover the amplifier with carpets or enclose it behind interior trim panels.
 Every installation will be a bit different based upon vehicle design, check all locations and placements carefully before making any cuts or connections.

Disconnect Battery

Before you begin, always disconnect the battery negative terminal.

⚠ Important:

If wiring connections are made incorrectly the unit will not operate properly and could be damaged. Follow the installation instructions carefully or have the amplifier installed by an authorized dealer.

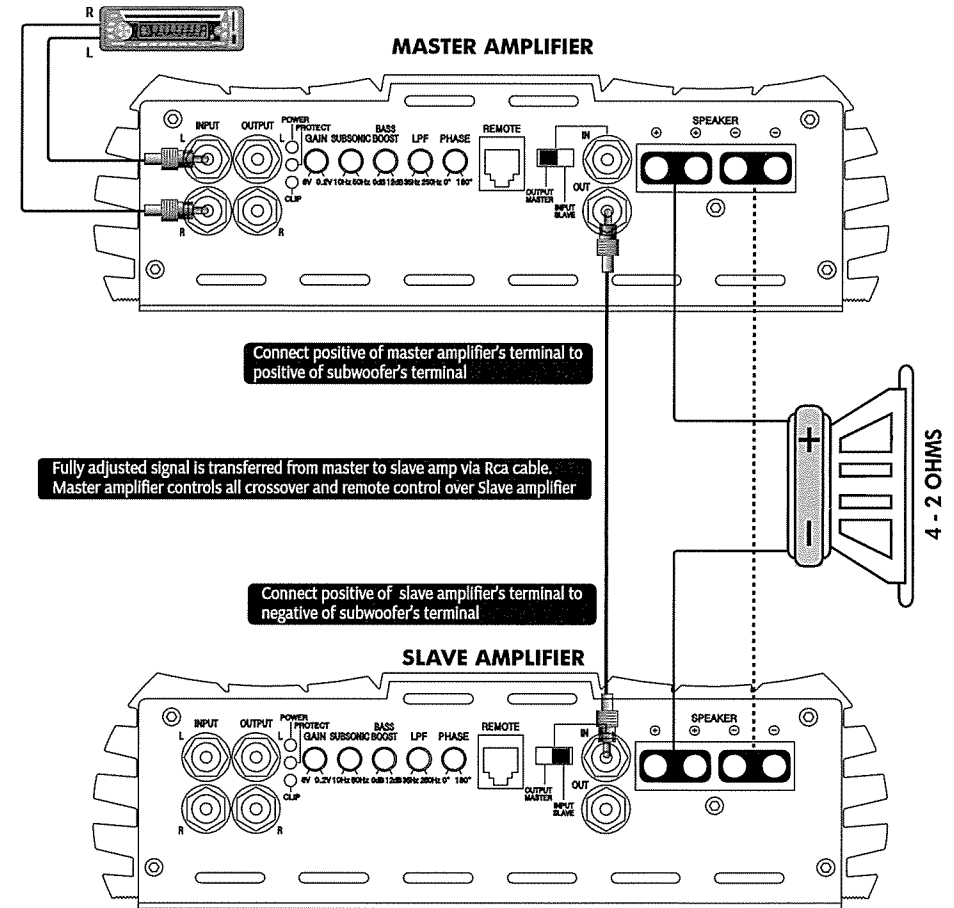
Things to remember when installing your **GODFATHER SERIES** car amplifiers.

The design philosophy of **GODFATHER SERIES** car amplifiers and mode of regulation requires that proper installation and load impedance instructions be adhered to at all times.
 Minimum impedance recommended for GF-COMP 5D, GF-COMP 7D and GF-COMP 11D is 1ohm for single unit and 2ohm for strapping connection.

All **GODFATHER SERIES** car amplifiers are not equipped with fuses.
 Pls use external fuses for all **GODFATHER SERIES** car amplifiers.
 External fuse rating is 350A for GF-COMP 5D, 550A for GF-COMP 7D, 950A for GF-COMP 11D.
 These fuse ratings should be sufficient under normal working conditions. However, if the amplifiers are overloaded (see minimum impedance above) fuses may blow.
 Therefore, please try to avoid operating the amplifiers under these conditions.

1. Mount the amplifiers where air flow is the best.
2. Mount the amplifiers to a solid surface away from vibration, as these amplifiers are heavy and the vibration can damage the amplifiers.
3. Take extreme caution when mounting the amplifiers, so as not to damage the chassis with a drill or screwdriver.
4. Run OAWG wire from the battery, using fuses with 12" of the positive battery terminal.
 The fuse is to protect the car and your car audio system from the fire that could be caused by a short circuit.
5. Run OAWG ground wire as short as possible, to the closest chassis ground point. Be sure to remove the paint around the chassis ground point to provide a more solid electrical connection.

STRAPPABLE CONNECTION

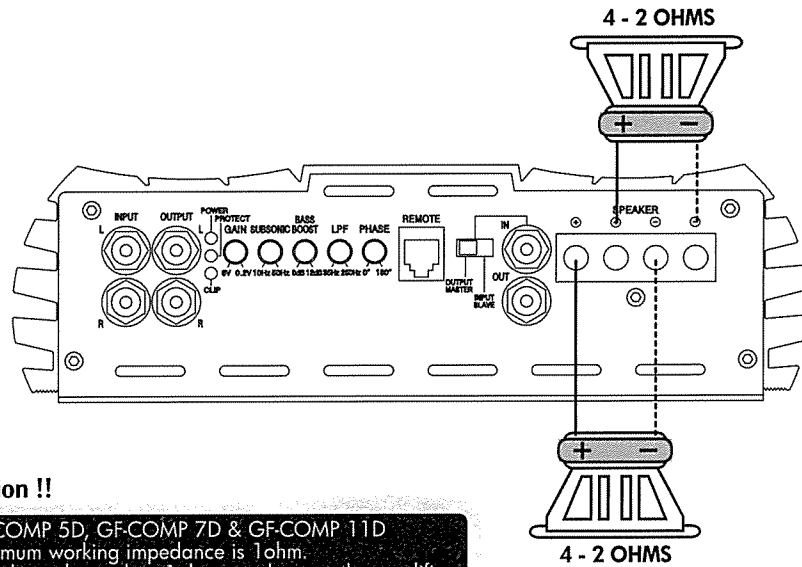


Caution !!

In Linked connection,
 Minimum working impedance is 2ohm.
 Impedance lower than 2ohm can damage the amplifiers

⚠ CAUTION !!

WORKING VOLTAGE :
 GF-COMP 5D, GF-COMP 7D, GF-COMP 11D : 8.5V - 16Volts.



Caution !!

GF-COMP 5D, GF-COMP 7D & GF-COMP 11D
 Minimum working impedance is 1ohm.
 Impedance lower than 1ohm can damage the amplifier

GF- COMP STRAPPABLE CONNECTION.

INPUT CONNECTION.

MASTER AMPLIFIER : GF-COMP amplifier connected from headunit is called as master amplifier.
 SLAVE AMPLIFIER : GF-COMP amplifier connected to master amplifier is called as slave amplifier

- Step 1. Connect headunit to master GF-COMP amplifier's input and set master GF-COMP amplifier's output master / input slave selector switch to OUTPUT MASTER position.
- Step 2. Set slave GF-COMP amplifier's output master / input slave selector switch to INPUT SLAVE position.
- Step 3. Connect Rca cable from master GF-COMP amplifier's output master / input slave rca jack to slave GF-COMP amplifier's rca jack as below diagram.

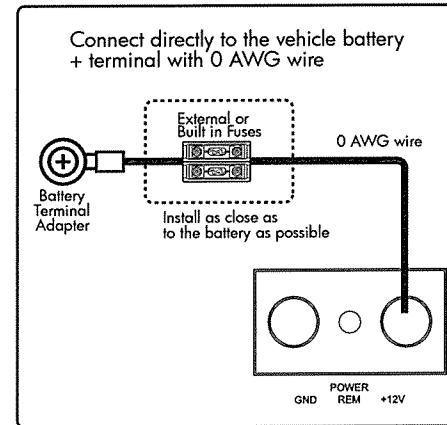
SPEAKER CONNECTION

- Step 1. Connect speaker cable (+) of master GF-COMP amplifier to subwoofer's (+) terminal
- Step 2. Connect speaker cable (+) of slave GF-COMP amplifier to subwoofer's (-) terminal.
- Step 3. Connect speaker cable (-) of master GF-COMP amplifier to speaker cable (-) of slave GF-COMP amplifier.

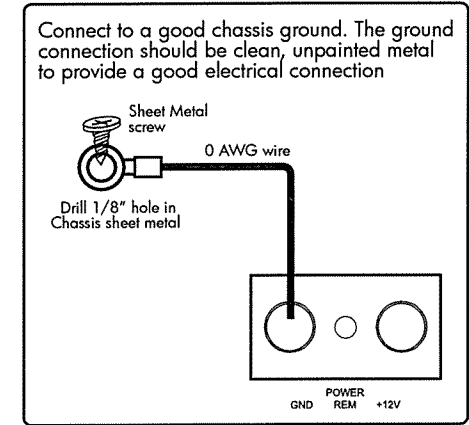
- 6. Run a 16 AWG (or larger) wire to the remote turn-on lead of the headunit.
- 7. Connect the speakers as per wiring diagrams in the manual.
 12AWG or larger speaker wire is recommended.
- 8. Mount remote level control in the car where it can be easily reached from the driver's seat, if desired.
- 9. Using RCA interconnect cables, connect all line inputs per the wiring diagrams which follow.
 If possible, keep rca cables away from the 12V power and ground wire.
- 10. Set the controls as described on following pages.

Power, Remote, Ground Connection.

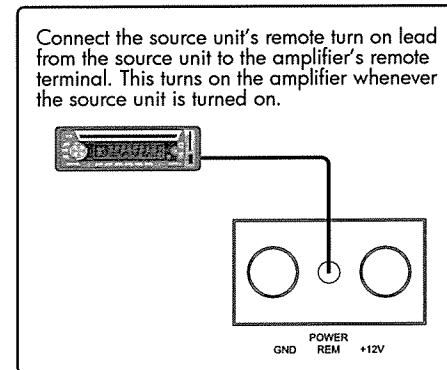
Power Terminal (+12V)



Ground Terminal (GND)



Remote / Turn on Terminal

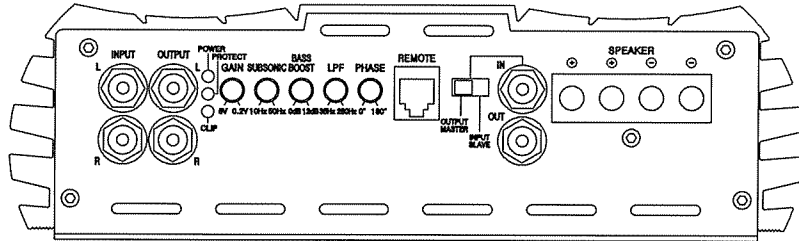


Fuses

GODFATHER SERIES car amplifiers need external fuses. Please follow fuse rates.

GF-COMP 5D : 350A (700A for strap)
 GF-COMP 7D : 550A (1100A for strap)
 GF-COMP 11D : 950A (1900A for strap)

DIGITAL MONOBLOCK INPUT & OUTPUT CONNECTION



RCA INPUTS

The RCA inputs ensure the highest quality contacts and the lowest noise in your audio system.

RCA OUTPUTS

Connect to RCA INPUT of additional DC audio amplifiers

POWER, PROTECT & CLIP INDICATORS -

When the unit is powered on and operating correctly the power LED illuminates. When the unit is malfunctional or protected, then protect LED is turned on. When power is close to the clipping level, CLIP LED starts to clip. As clipping level comes, Clip LED is clipping and then, finally comes to the protection in RED light on. In order to go back normal, please reduce the gain.

GAIN (6V - 0.2V)

This adjusts the normal operating level of the amplifier by matching the level from the headunit.

SUBSONIC FILTER (10Hz - 50Hz)

This allows you to tune the response of the amplifier at very low frequencies.

BASS BOOST (0 - 12dB)

This allows you to tune amplifier response with up to 9dB of boost centered at 45Hz

LOW PASS FILTER (35Hz - 250Hz)

This allows you to tune the response of the amplifier at higher bass frequencies to roll off for a seamless integration into your midbass.

PHASE (0 - 180degree)

It controls phase from 0 to 180 degrees

REMOTE CONTROL

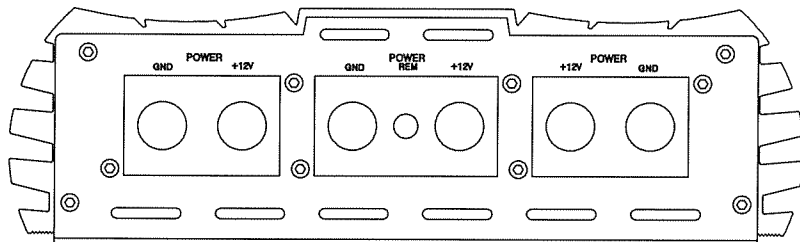
Use this to control level of the amplifier from your driver's seat.

OUTPUT MASTER / INPUT SLAVE

Strap 2 amplifiers to double the power.

SPEAKER TERMINAL BLOCK

Connect speaker cables from speaker terminal block to subwoofers. Subwoofers impedance should be checked carefully.



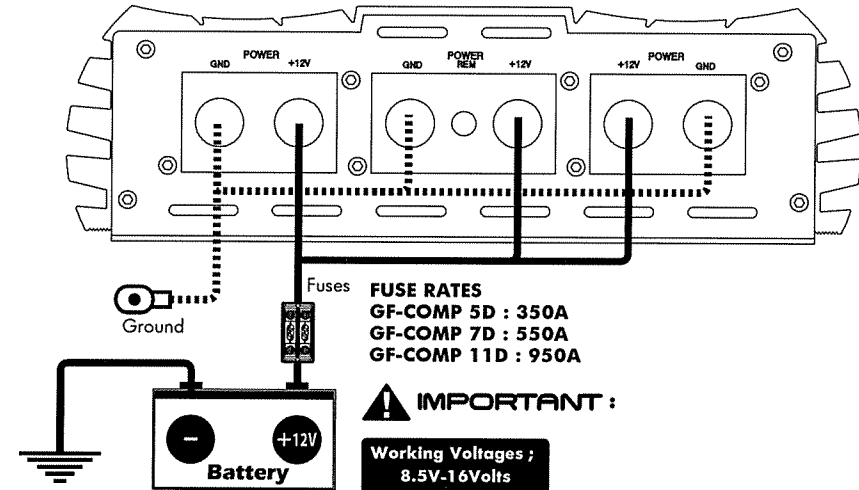
GROUND (GND) & POWER (+12V)

The power and ground will accommodate 0 AWG wire. Use high quality pure copper wire only.

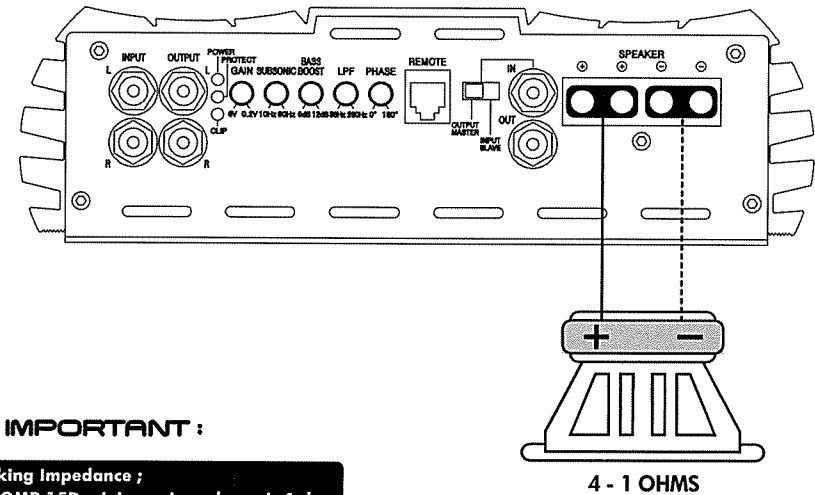
REMOTE (REM)

REM connector will accept wire sizes from 12 to 18 AWG. This terminal is used to remotely turn-on and turn-off the amplifier when +12V DC is applied.

GF-COMP POWER CONNECTION



GF-COMP SPEAKER CONNECTION



IMPORTANT :

**Working Impedance ;
 GF-COMP 15D minimum impedance is 1 ohm**