

Audiopipe®

APCL-6002
2 Channel Mosfet Power Amplifier
2000W

APCL-6004
4 Channel Mosfet Power Amplifier
2500W



With Remote Bass Knob

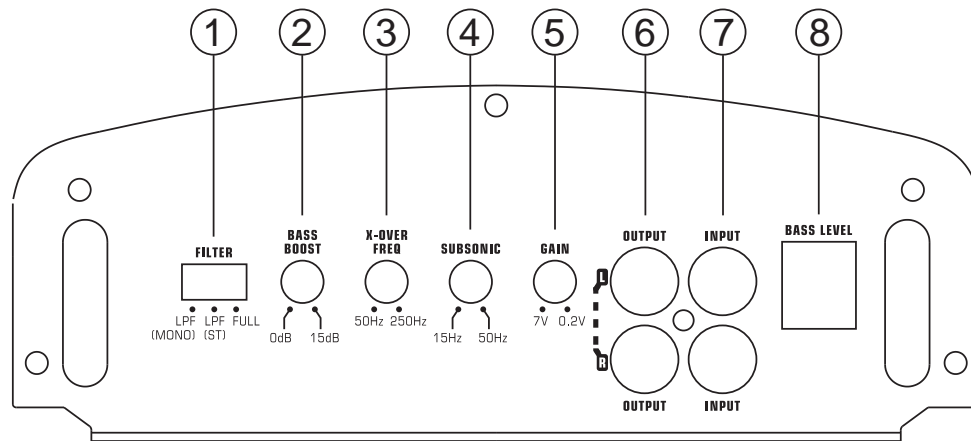


Owner's Manual



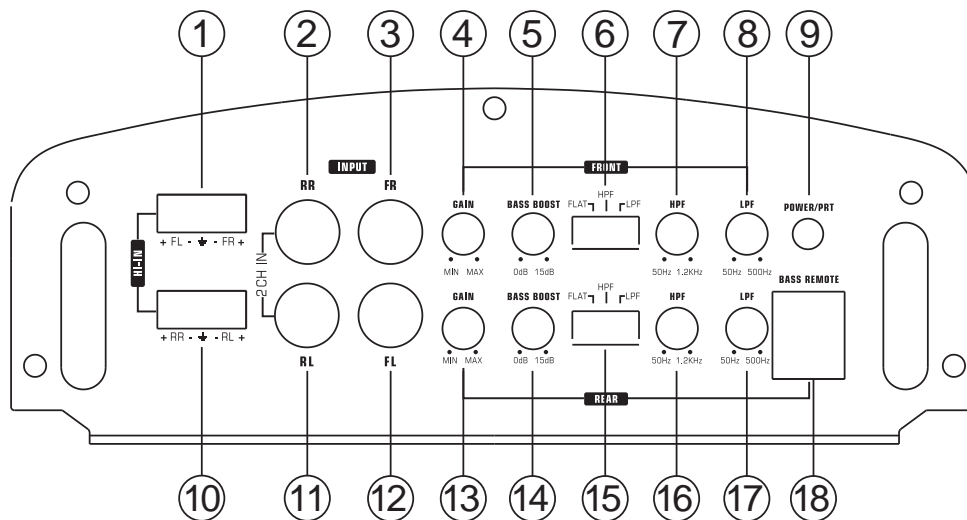
INPUT CONNECTIONS AND AUDIO CONTROLS

The front panel of the **APCL-6002** contains both connections for RCA and speaker level inputs, along with the audio controls as shown below.



- | | |
|----------------|---------------|
| 1. Filter | 5. Gain |
| 2. Bass Boost | 6. Output |
| 3. X-Over freq | 7. Input |
| 4. Subsonic | 8. Bass Level |

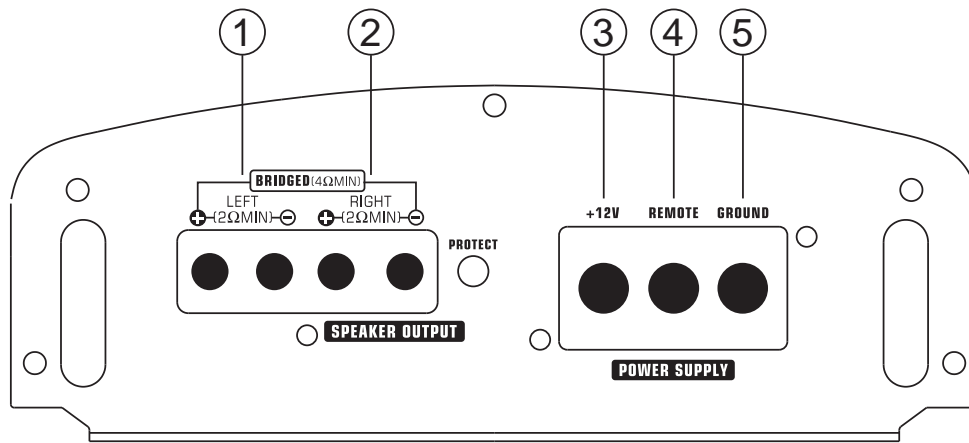
The front panel of the **APCL-6004** contains both connections for RCA and speaker level inputs, along with the audio controls as shown below.



- | | |
|-----------------------------------|-----------------------------------|
| 1. Front High Level Input | 10. Front High Level Input |
| 2. Rear Right RCA Input Jacks | 11. Rear Left RCA Input Jacks |
| 3. Front Right RCA Input Jacks | 12. Front Left RCA Input Jacks |
| 4. Front Gain Control | 13. Rear Gain Control |
| 5. Front Bass Boost Level | 14. Rear Bass Boost Level |
| 6. Front Filter Select Switch | 15. Rear Filter Select Switch |
| 7. Front High Pass Filter Control | 16. Rear High Pass Filter Control |
| 8. Front Low Pass Filter Control | 17. Rear Low Pass Filter Control |
| 9. Power/Protect LED | 18. Rear Remote Volume Control |

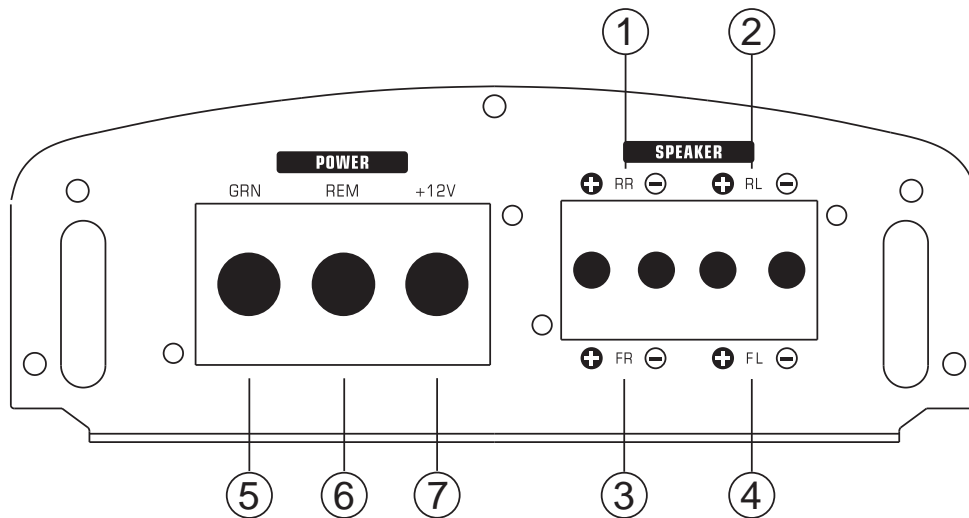
CONNECTIONS FOR POWER AND SPEAKERS

The rear panel of the **APCL-6002** contains power and speaker connections as shown below.



1. Left Speaker Output
2. Right Speaker Output
3. Battery +12V Input
4. Remote Turn-On Input
5. Ground Input

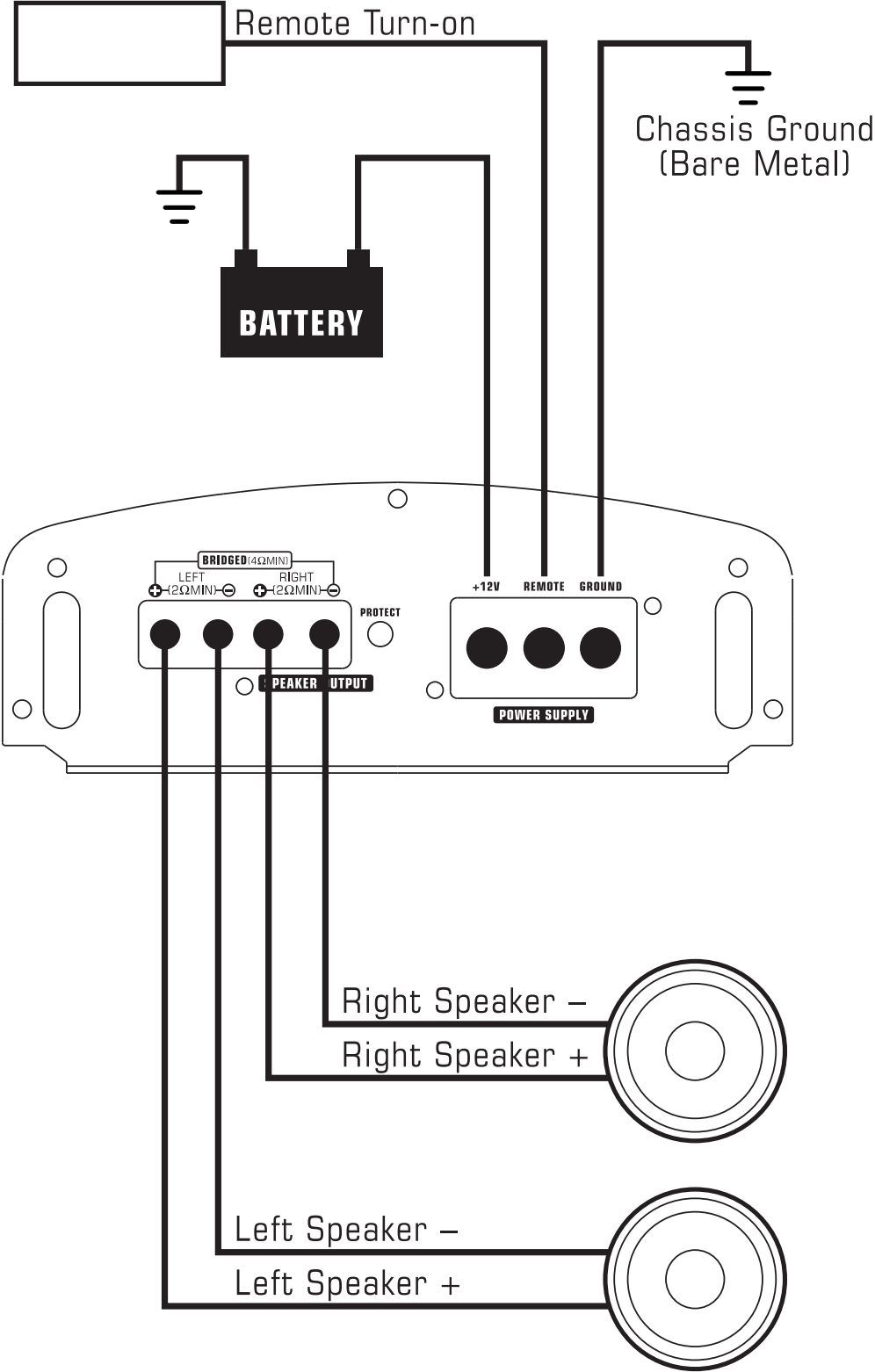
The rear panel of the **APCL-6004** contains power and speaker connections as shown below.



1. RR Speaker Output
2. RL Speaker Output
3. FR Speaker Output
4. FL Speaker Output
5. Ground Input
6. Remote Turn-On Input
7. Battery +12V Input

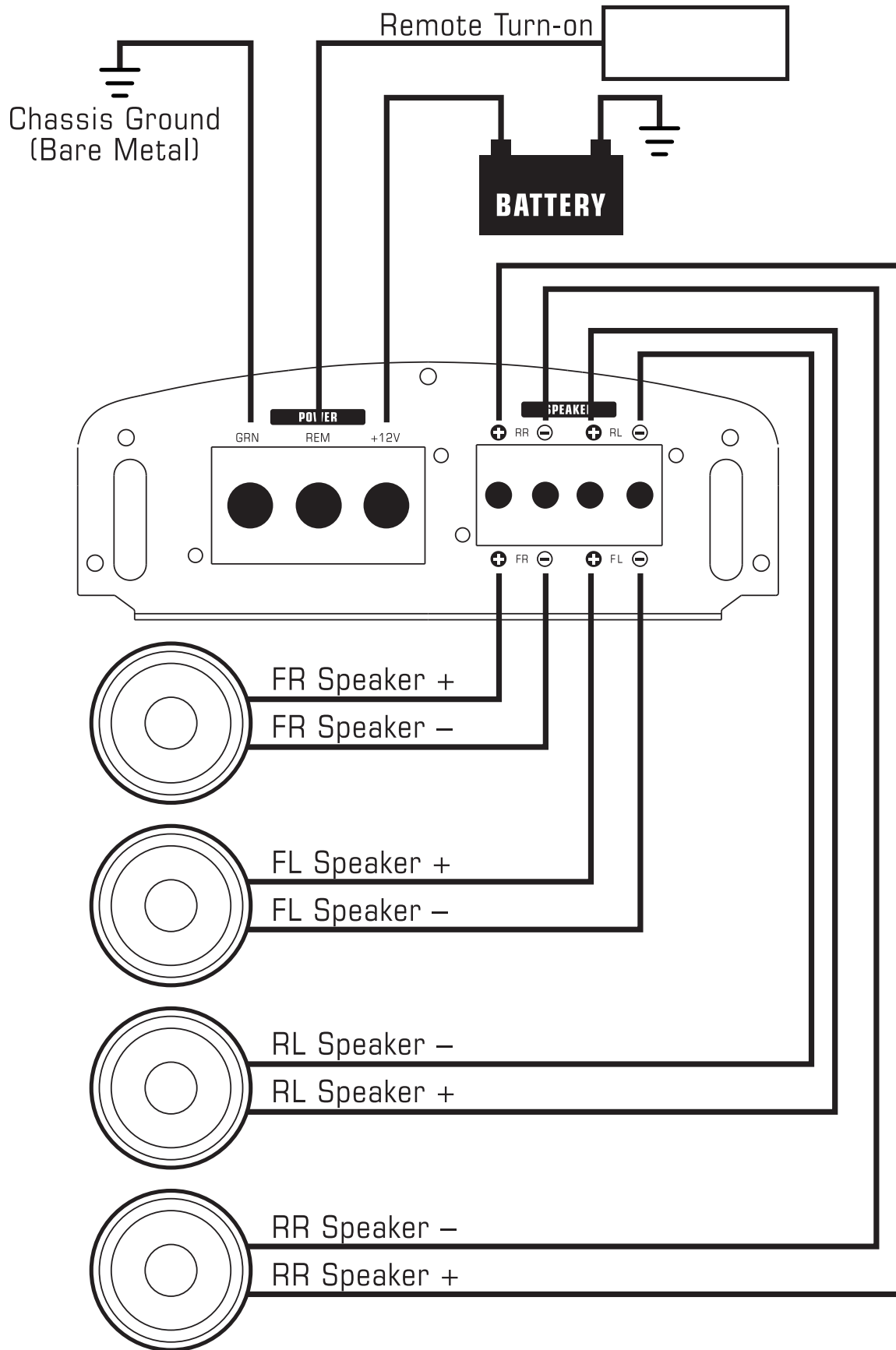
Connections for power and speakers

APCL-6002



Connections for power and speakers

APCL-6004



INSTALLATION

We recommend to have the installation done by an Authorized Audiopipe Dealer.
Required power, ground wire and proper external fuse as below:

Model	Fuse	Wire
APCL-6002	90 AMP	2 Gauge
APCL-6004	150 AMP	0 ~ 2 Gauge

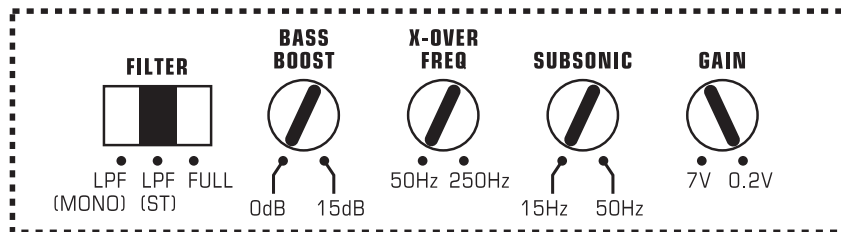
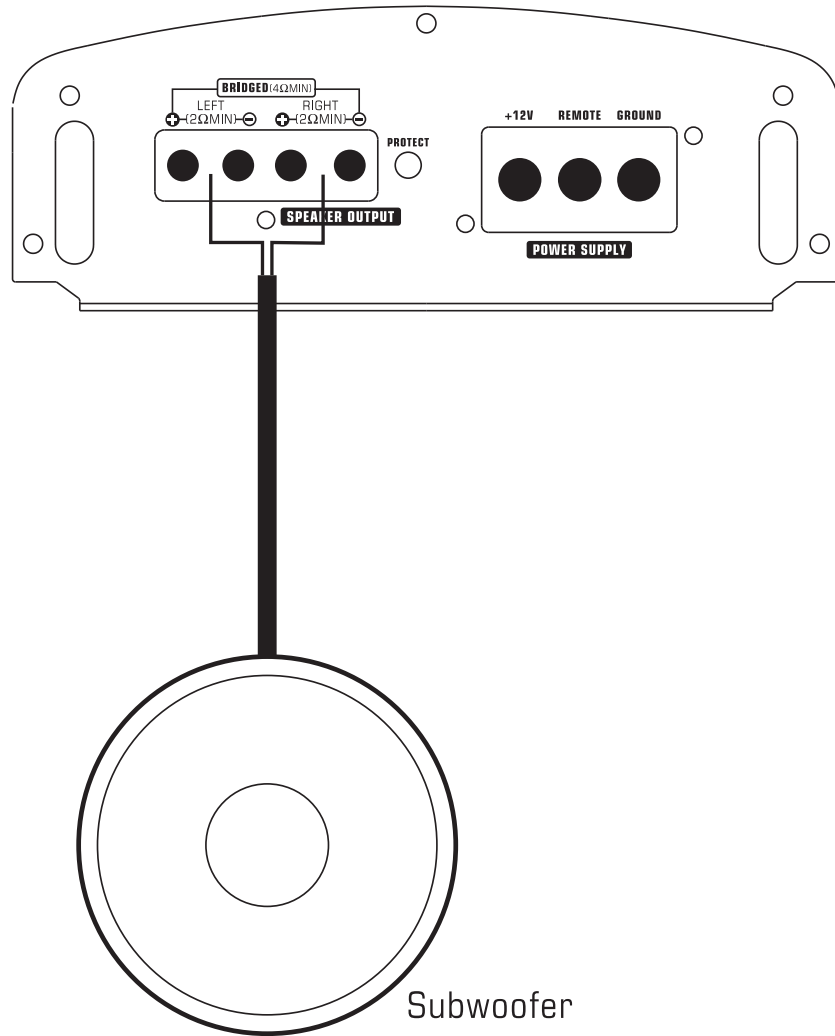
We recommend a fuse should be installed away 0.2m from the battery. The ground wire should be connected directly with the chassis of your vehicle which should be metal to metal ground point connection. The amplifier must be mounted securely at a solid, dry and low vibration surface in the trunk or passenger area. Fix the amplifier in an open air area to insure proper heat dissipation. Fix the amplifier in a place where can access easily to set the input controllers. Install all amplifier cables as far as possible from car electrical cables such as the car ignition cable.

WIRING AND APPLICATIONS

The Audiopipe APCL-6002 2-channel amplifier can be used in a variety of system applications. Here are some examples to help plan your own installation.

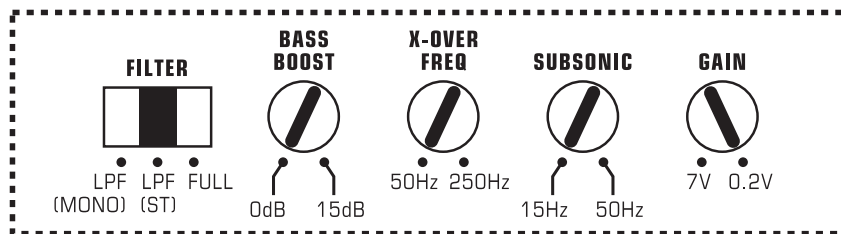
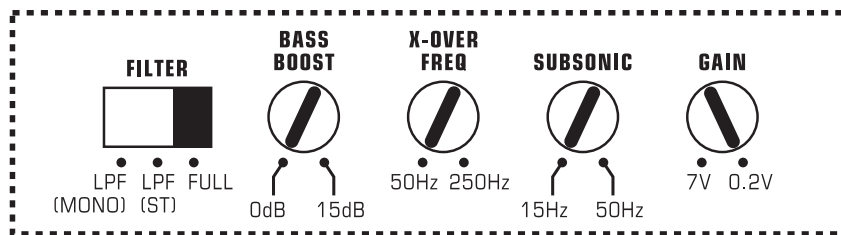
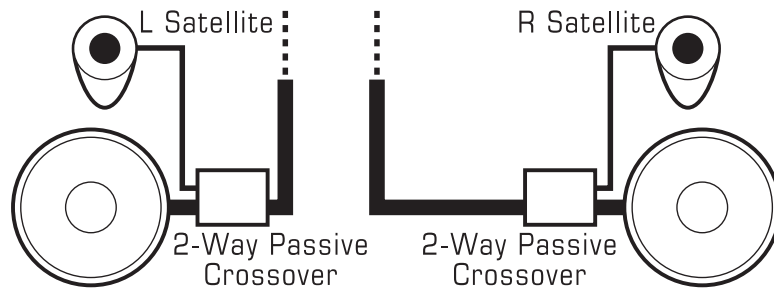
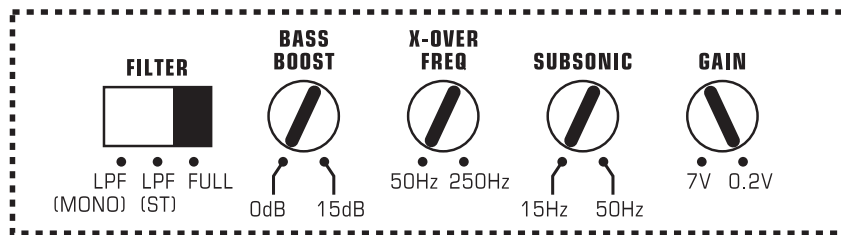
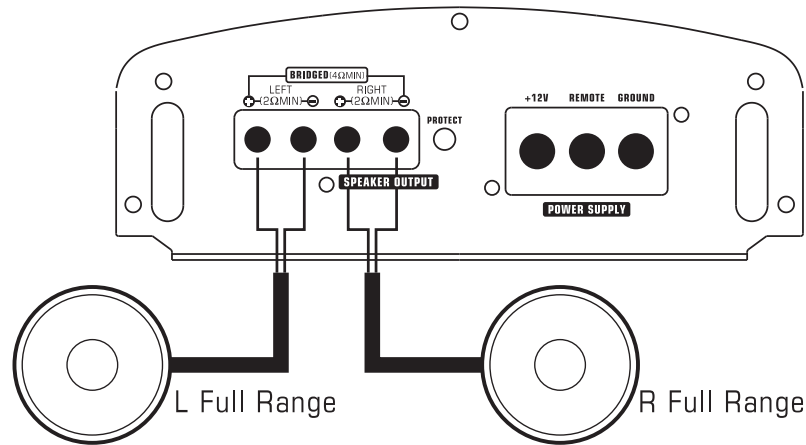
APCL-6002

Bridged - Mono Subwoofer System



In this application the amplifier is bridged for mono operation to drive a subwoofer.

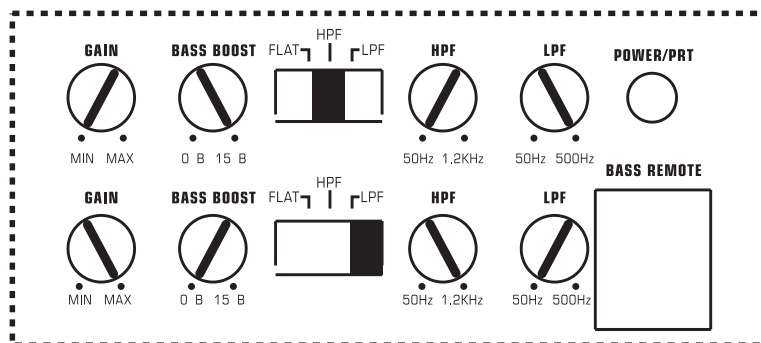
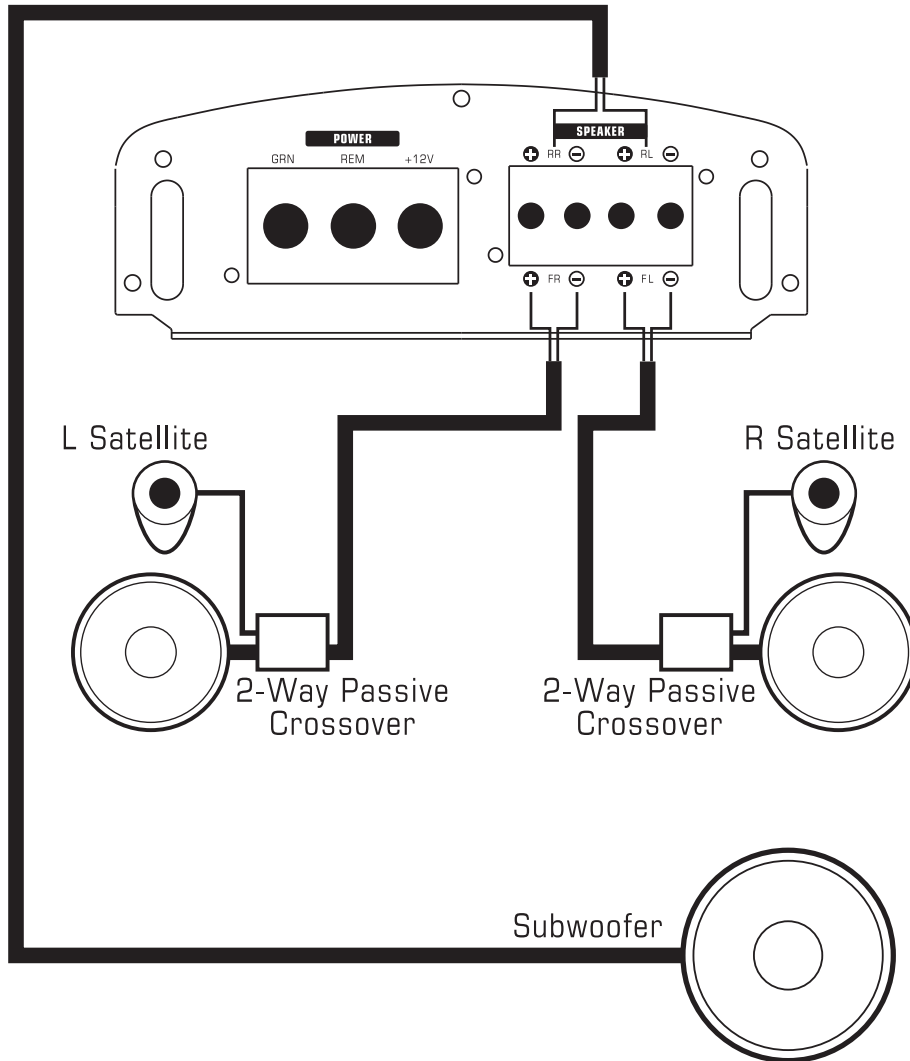
2-Channel Full-Range, Satellite, or Subwoofer Stereo System (Set INPUT SELECT Switch to STEREO) APCL-6002



In this application, the amplifier is used in stereo and drives two full-range (or satellite or subwoofer) speakers. NOTE: A passive crossover must be used with satellite speakers.

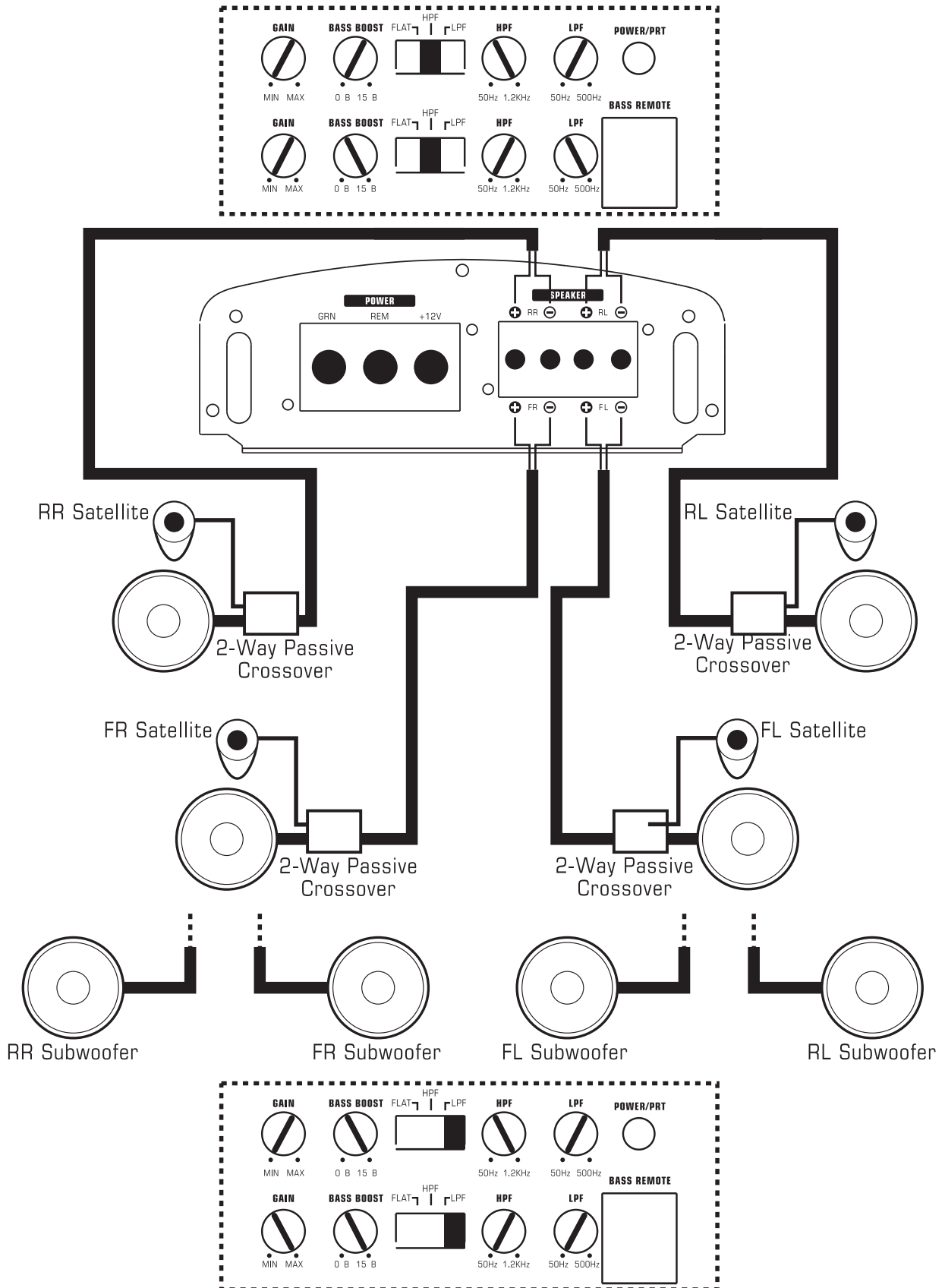
The Audiopipe **APCL-6004** 4-channel amplifier can be used in a variety of system applications. Here are some examples to help plan your own installation.

APCL-6004 2-Channel Stereo System with Low-Pass Bridged Mono Channel



In this application the amplifier is bridged for mono operation to drive a subwoofer.

4-Channel, Satellite, or Subwoofer Stereo System APCL-6004



In this application, the amplifier is used in stereo and drives two full-range (or satellite or subwoofer) speakers. NOTE: A passive crossover must be used with satellite speakers.

TROUBLESHOOTING

Problem

Run indicator doesn't light up.

Solution

- *Check all fuses on the amplifier.*
- *Check main fuse near the battery.*
- *Check plus and minus battery cables.*
- *Check remote voltage.*

Problem

Run indicator is on but no sound.

Solution

- *Check volume control on the radio.*
- *Check GAIN regulator on the amplifier.*
- *Check RCA cables and connections.*
- *Check speaker cables and connections.*

Problem

Bass response is low.

Solution

- *Check volume control on the radio.*
- *Check GAIN regulator on the amplifier.*
- *Check RCA cables and connections.*
- *Check speaker cables and connections.*

Problem

The amplifier switches on and off.

Solution

- *Check chassis ground connection with amplifier cable terminals and check battery terminals connections and check remote turn-on voltage.*

* For additional questions please contact your authorized Audiopipe dealer.

PRODUCT SPECIFICATIONS

APCL-6002

Maximum Power Output	2000W
Continuous Power Output	Stereo 2 Ch-300W x 2@ 4 Ohm Stereo 2 Ch-600W x 2@ 2 Ohm Bridge 1 Ch-1200W x 1@ 4 Ohm
Frequency Response	20Hz ~ 20kHz
Signal to Noise Ration	>95dB
THD	>0.05%
Input Sensitivity Low Level	200mV ~ 7V
Input Sensitivity Speaker Level	500mV ~ 5V
Current Consumption @ Max Power Output.....	90A @ 1100W

APCL-6004

Maximum Power Output	2500W
Continuous Power Output	Stereo 4 Ch-150W x 4@ 4 Ohm Stereo 4 Ch-200W x 4@ 2 Ohm Bridge 1 Ch-300W x 2@ 4 Ohm
Frequency Response	20Hz ~ 20kHz
Signal to Noise Ration	>95dB
THD	>0.05%
Input Sensitivity Low Level	200mV ~ 7V
Input Sensitivity Speaker Level	500mV ~ 5V
Current Consumption @ Max Power Output.....	150A @ 2000W