



**APCLE-6002**  
**2000W**  
**2 Channel Mosfet Power Amplifier**

**APCLE-6004**  
**2500W**  
**4 Channel Mosfet Power Amplifier**



With Remote Bass Knob



## Owner's Manual



## **INTRODUCTION**

### ***Congratulations!***

Thank you for purchasing Audiopipe Class AB amplifier for your car audio system. Now you own an amplifier of uncompromising design and engineering incorporating the latest advanced circuit technology. You will discover soon that our amplifiers display optimum sound with high quality, reliable performance.

Audiopipe amplifiers are adopted by advanced craftsmanship which using the highest quality components and strict quality control system. In order to provide you the best performance. We recommend you to contact an authorized Audiopipe Dealer to do the installation.

Please read this manual thoroughly to ensure that you can get the maximum benefit from this new amplifier. When you install it properly, this unit will provide you years of trouble-free performance.

## **ABOUT THE MANUAL**

Congratulations on your purchase of the Audiopipe Power Amplifier. We are committed to high-quality music reproduction, and we are confident that you will be pleased with your purchase. These products provide optimum performance, which we are sure you will enjoy for years to come.

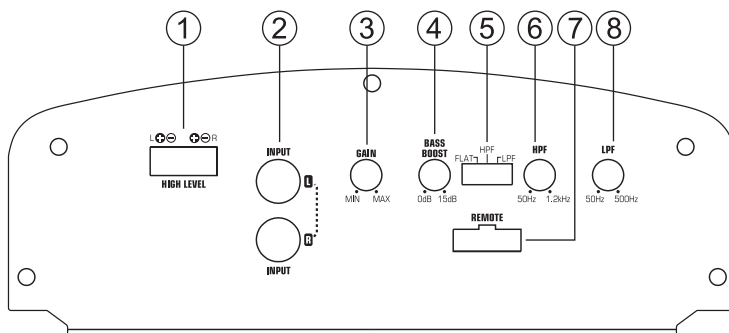
For maximum performance Audiopipe recommends having your amplifier installed by an authorized Audiopipe dealer.

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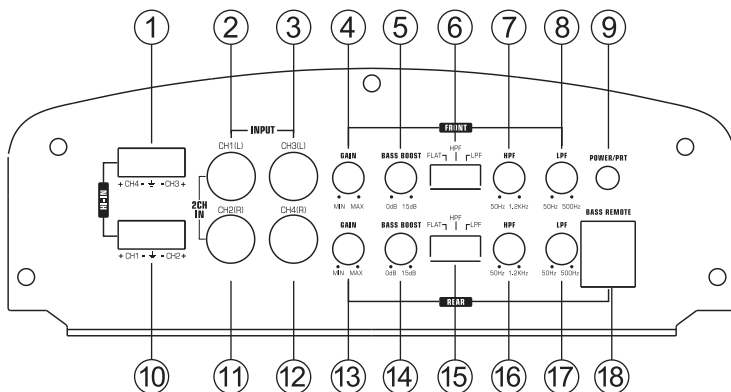
## INPUT CONNECTIONS AND AUDIO CONTROLS

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



- |                     |                |
|---------------------|----------------|
| 1. High Level Input | 5. Filter      |
| 2. RCA Input Jacks  | 6. HPF Control |
| 3. Gain             | 7. Remote      |
| 4. Bass Boost Level | 8. LPF Control |

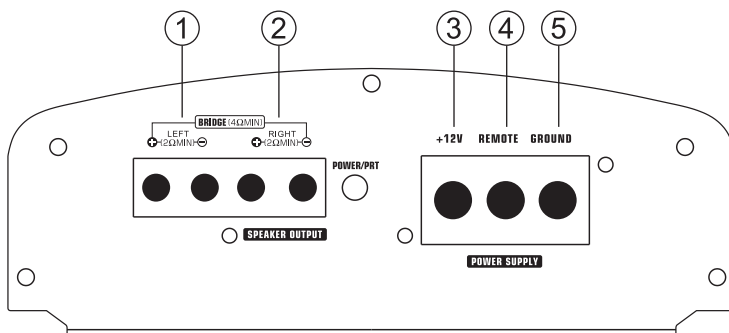
The front panel of the **APCLE-6004** contains both connections for RCA and speaker level inputs, along with the audio controls as shown below.



- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| 1. Front High Level Input         | 10. Rear 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. Remote Volume Control         |

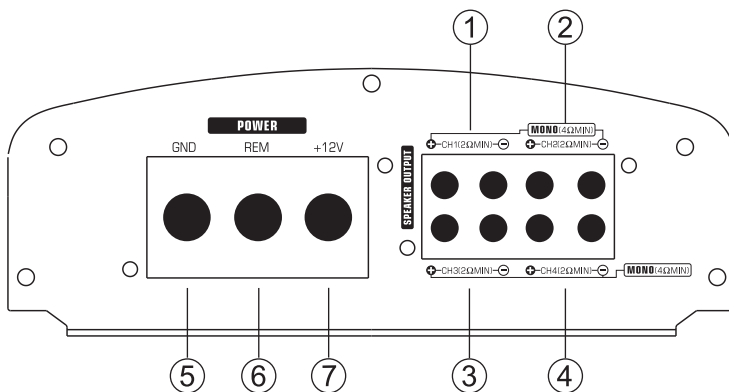
## CONNECTIONS FOR POWER AND SPEAKERS

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



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

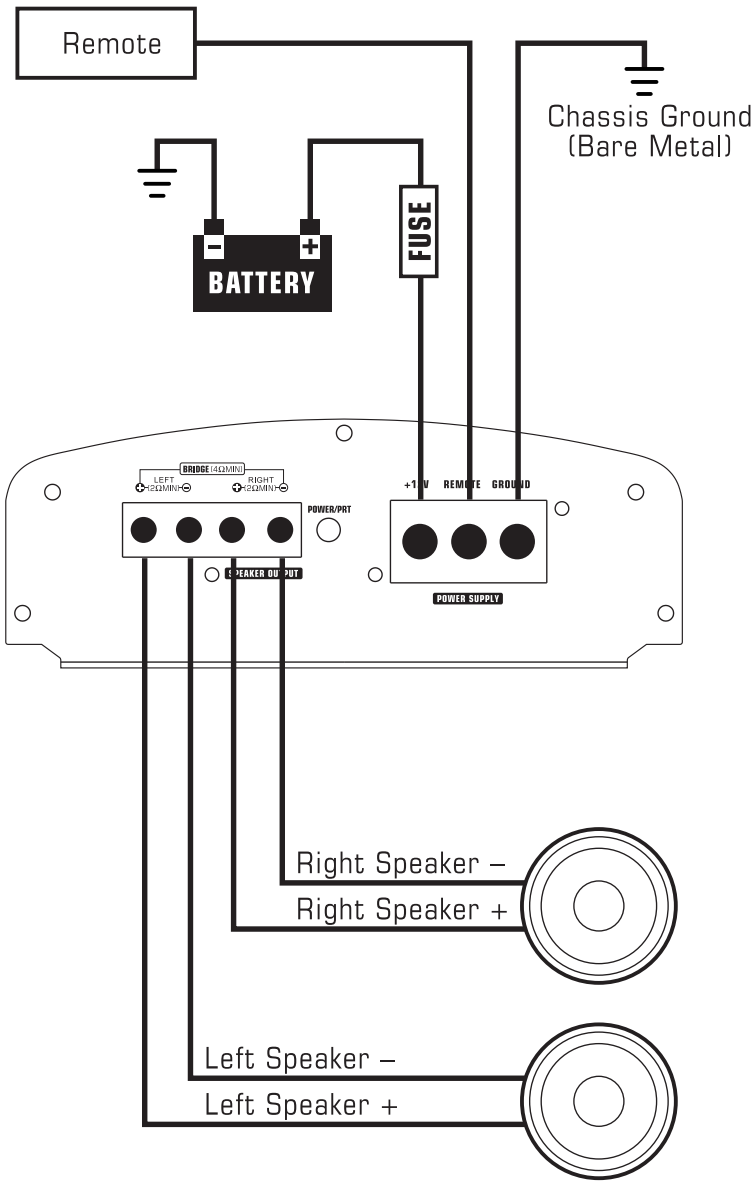
The rear panel of the **APCLE-6004** contains power and speaker connections as shown below.



- |                              |                         |
|------------------------------|-------------------------|
| 1. Rear Right Speaker Output | 5. Ground Input         |
| 2. Rear Left Speaker Output  | 6. Remote Turn-On Input |
| 3. Front Rear Speaker Output | 7. Battery +12V Input   |
| 4. Front Left Speaker Output |                         |

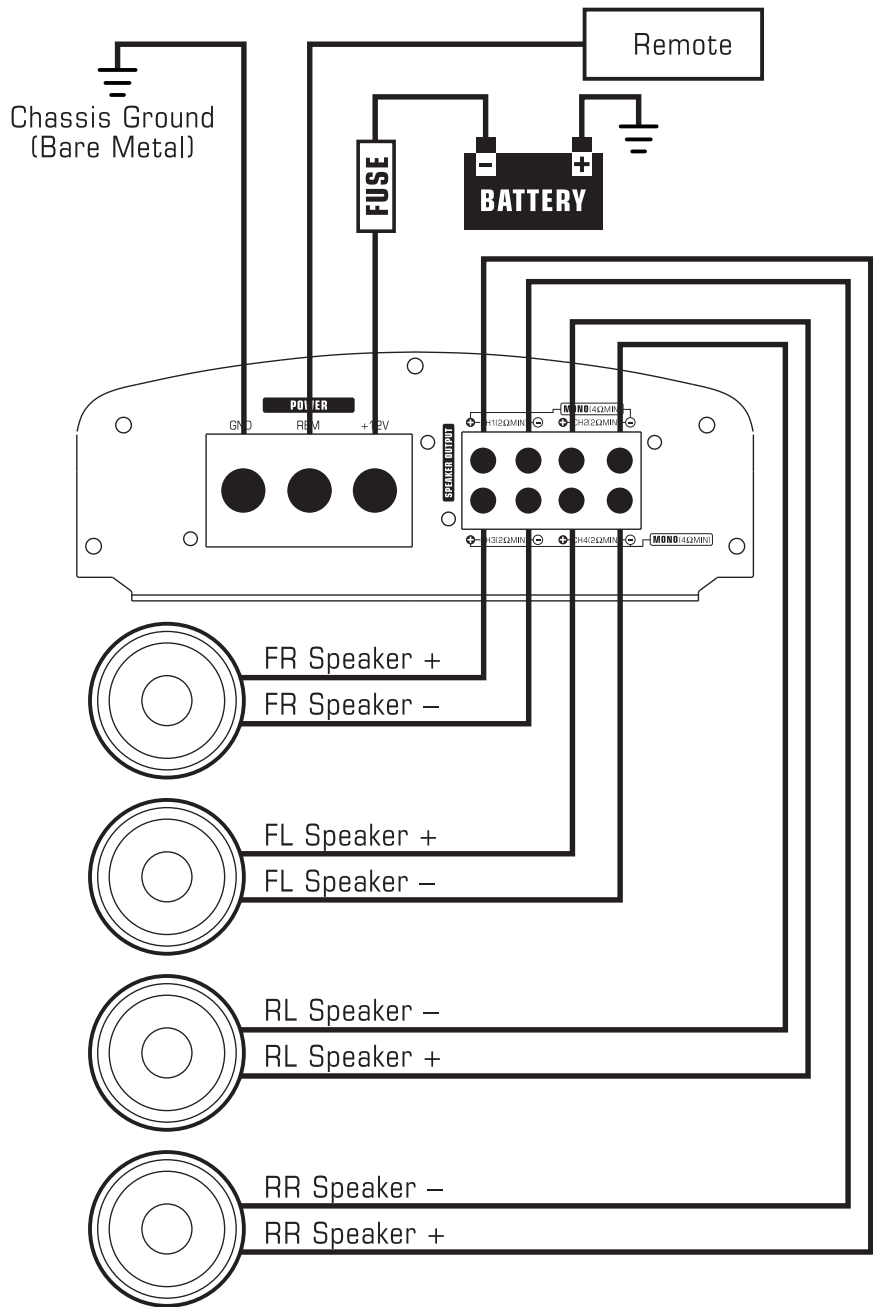
Connections for power and speakers

APCLE-6002



Connections for power and speakers

APCLE-6004



## **INSTALLATION**

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

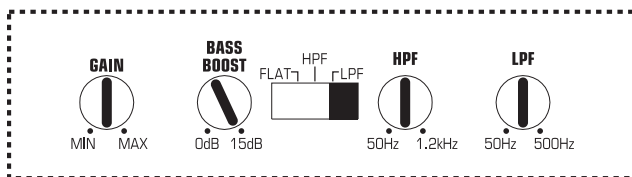
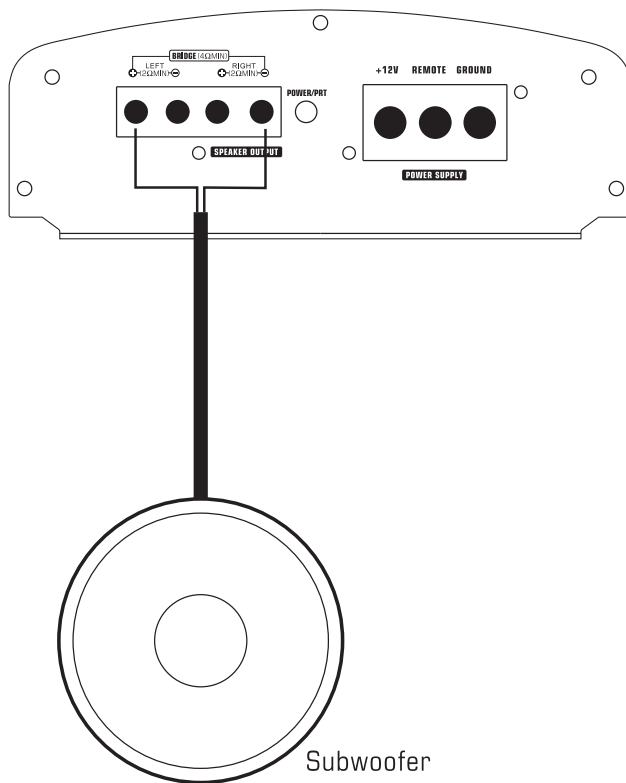
<b>Model</b>	<b>Fuse</b>	<b>Wire</b>
APCLE-6002	80 AMP	2 Gauge
APCLE-6004	150 AMP	0 to 2 Gauge

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

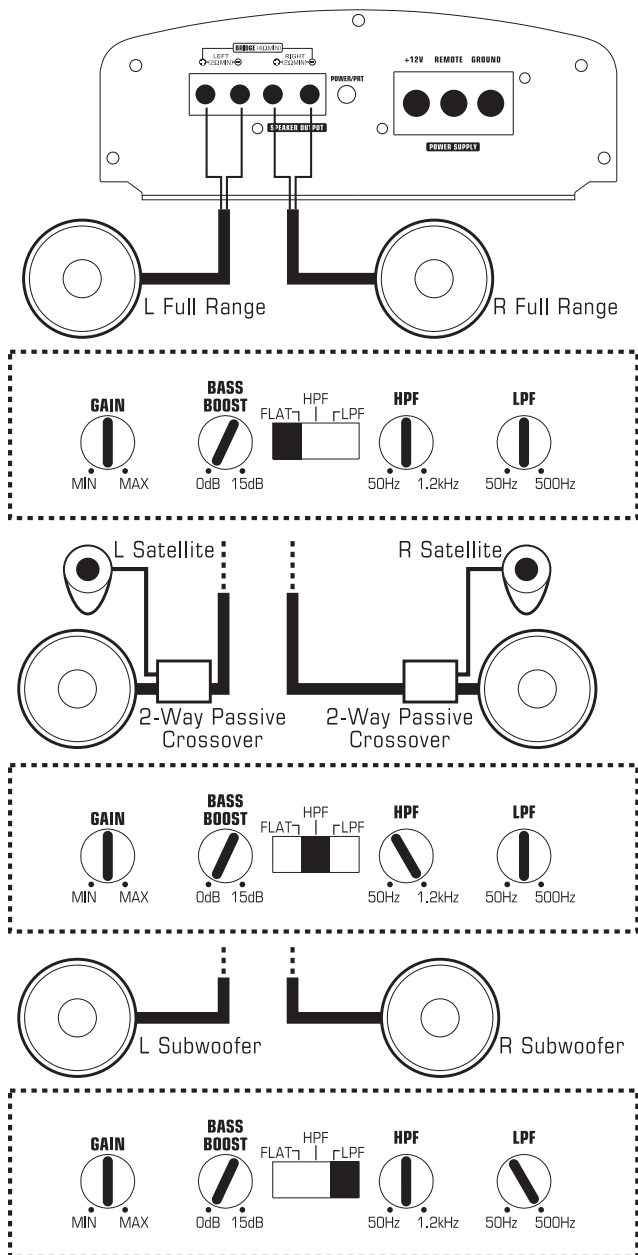
### APCLE-6002 Bridged - Mono Subwoofer System



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



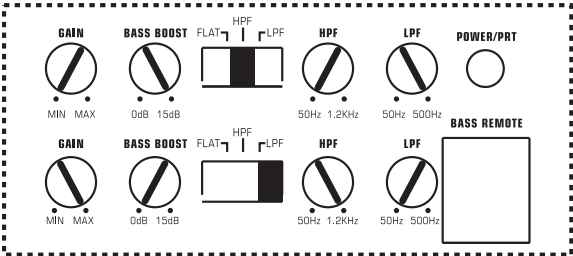
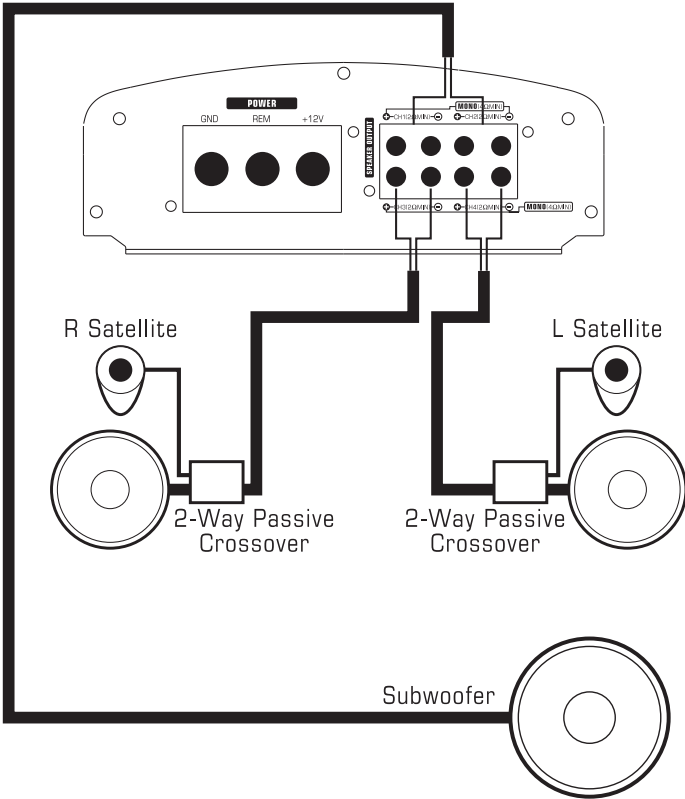
## 2-Channel Full-Range, Satellite, or Subwoofer Stereo System (Set INPUT SELECT Switch to STEREO) APCLE-6002



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.

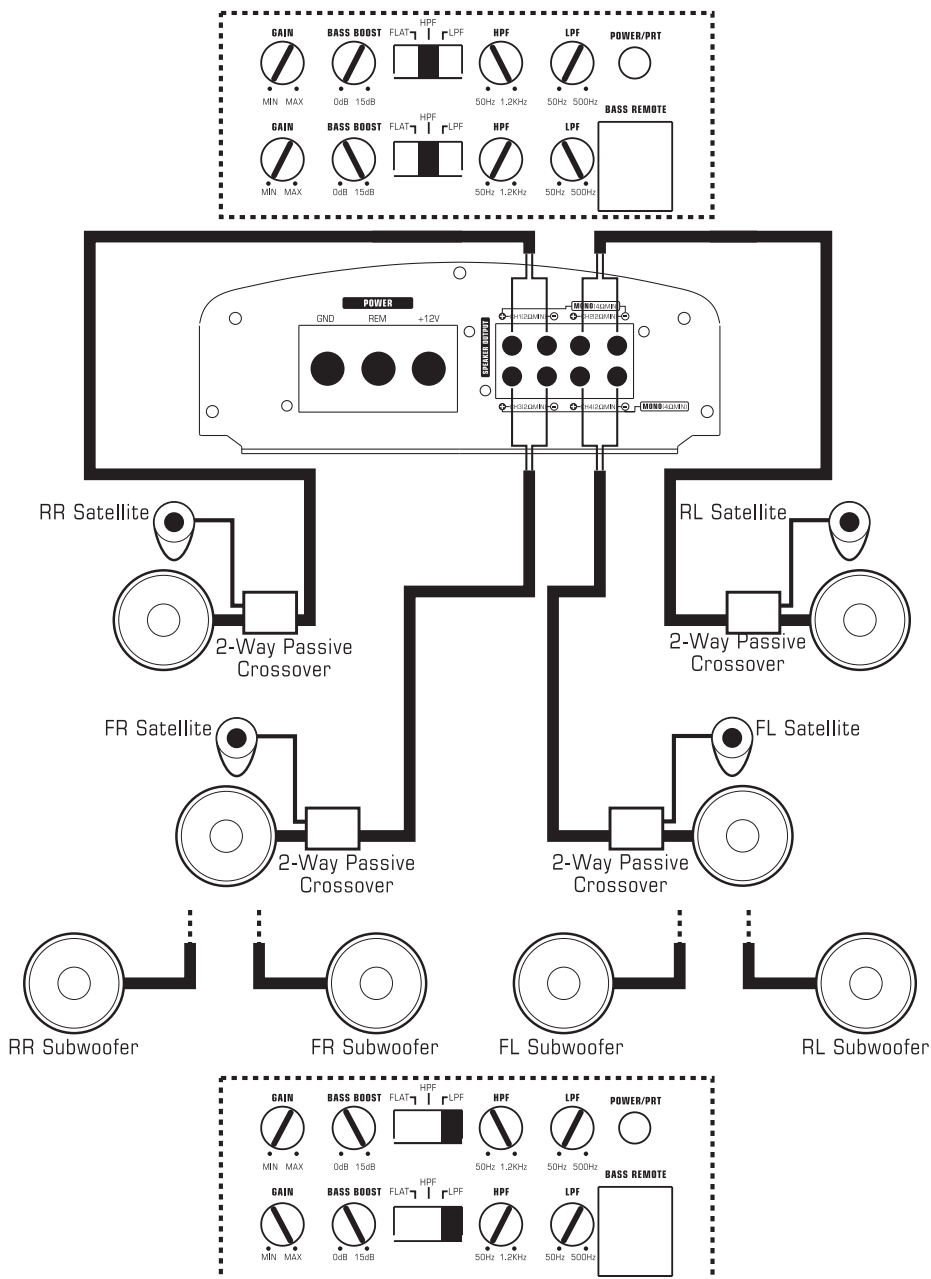
The Audiopipe **APCLE-6004** 4-channel amplifier can be used in a variety of system applications. Here are some examples to help plan your own installation.

**APCLE-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 APCLE-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**

### **APCLE-6002**

Maximum Power Output .....	2000W
Continuous Power Output .....	Stereo 2 Ch-300W x 2 @ 4 Ohm
	Stereo 2 Ch-500W x 2 @ 2 Ohm
	Bridge 1 Ch-1000W x 1 @ 4 Ohm
Frequency Response .....	20Hz ~ 20kHz
Signal to Noise Ratio .....	>95dB
THD .....	<0.05%
Input Sensitivity Low Level .....	200mV ~ 7V
Input Sensitivity Speaker Level .....	500mV ~ 5V
Current Draw.....	111A

### **APCLE-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 Draw.....	160A