

# Audiopipe®



# Audiopipe®

4000Watts



**APNK-40001**

**4000W**



With Remote Bass Knob



## **Class D Mosfet Power Amplifier**

## **Owner's Manual**



## **INTRODUCTION**

### ***Congratulations!***

Thank you for purchasing this Audiopipe 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 and provide reliable performance.

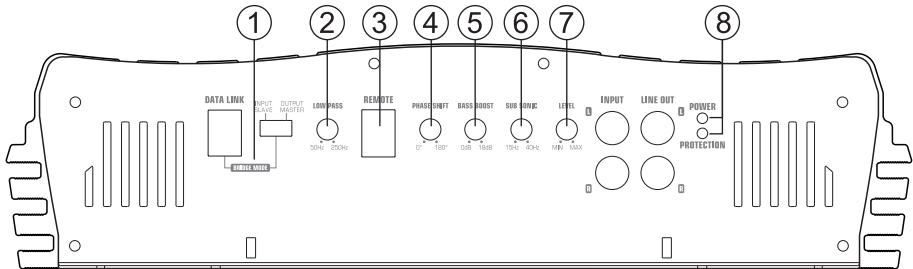
Audiopipe amplifiers are adopted by advanced craftsmanship which use the highest quality components and a strict quality control system in order to provide you the best performance.

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**

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

## APNK-40001



### 1. Data Link

Using a data link cable, connect the Data Link port to the Master and Slave amps while in dual amps bridge mode.

### 2. Low Pass Filter

When Crossover Mode Selector is in Low Pass Mode, this control limits the frequencies that are distributed to the speakers within the range 50Hz - 250Hz.

### 3. Remote Bass Level Control

When using the remote bass level control, you can adjust volume in the driver seat.

### 4. Phase Shift Selector

Provides between 0° ~ 180° phase shift for subwoofer output.

### 5. Bass Boost Control

Increases sound level in lower frequencies by 18dB.

### 6. Sub Sonic Control

This controller allows you to filter low frequencies in a range between 15Hz and 40Hz. This function reduces the mechanical max and raises the capacity of the connected subwoofer.

### 7. Level Control

Enables the matching of input levels to the output levels from the head unit (or other signal source).

### 8. Power & Protection Indicators

Provide instant information on status of amplifier, including short-circuit and thermal overload alerts.

## **INSTALLATION**

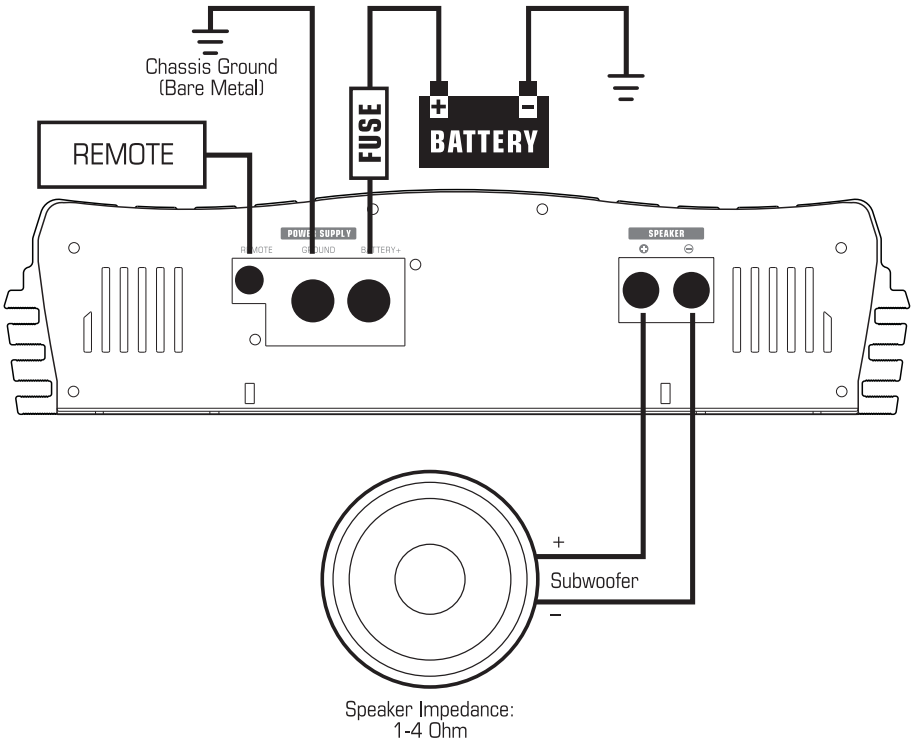
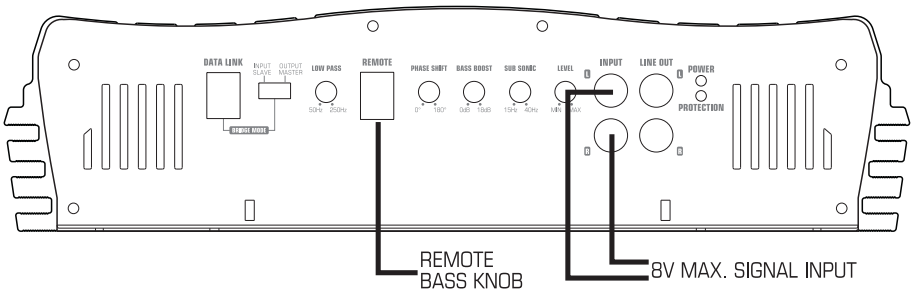
We recommend you have the installation done by an Authorized Audiopipe Dealer. The ground wire should be connected directly with the chassis of your vehicle which should be a metal to metal ground point connection. The amplifier must be mounted securely on a solid, dry and low vibration surface in the trunk or passenger area. Mount the amplifier in an open air area to ensure proper heat dissipation. Mount the amplifier in a place where you can easily set the input controllers. Install all amplifier cables as far as possible from car electrical cables such as the car ignition cable.

### **IMPORTANT:**

- When bridging two amplifiers please refer to the bridging wiring chart.
- When bridging two amplifiers you should use the same model amplifiers.
- Please make sure the negative speaker terminal of the two amplifiers are connected by the same gauge cables as the positive terminal being used.
- DO NOT connect any signal cables with the input RCA jacks when bridged as slave unit.
- The LPF, Input level and remote functions will be disabled on the slave amplifier when bridged.
- All the functions of the slave amplifier will be adjusted by the master amplifier.

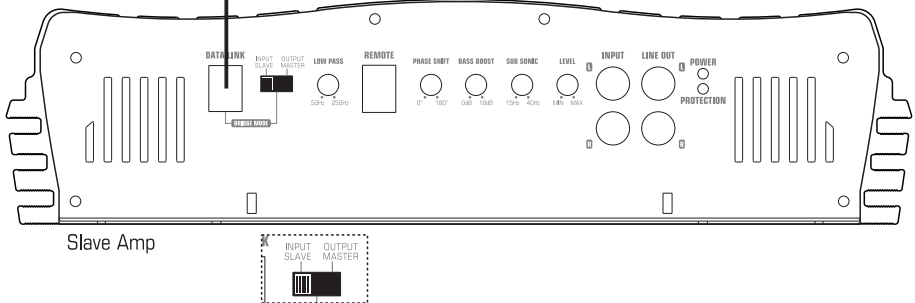
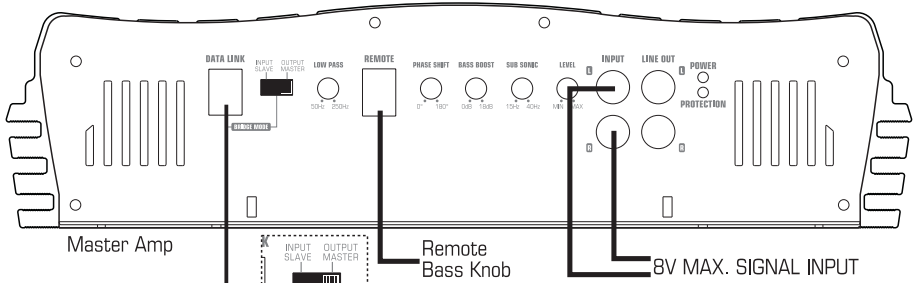
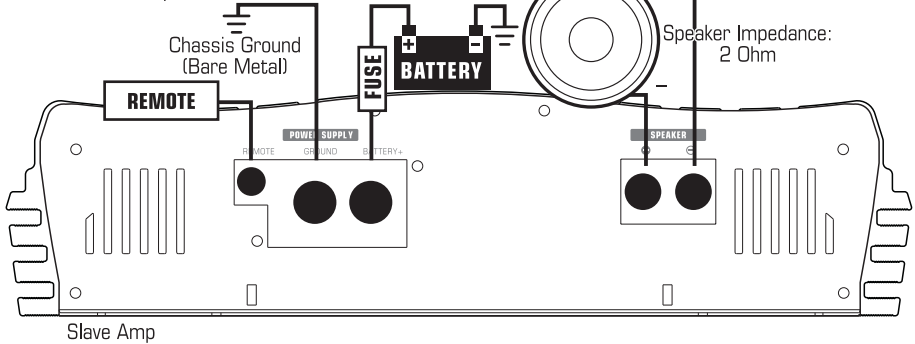
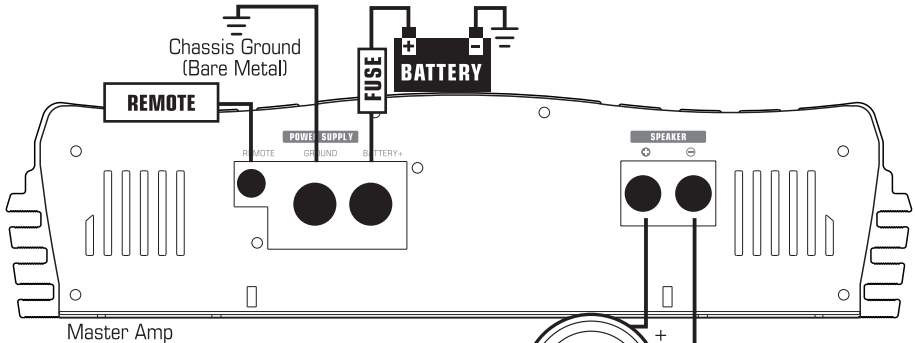
# WIRING CONFIGURATION

## One Speaker Mono



# WIRING CONFIGURATION

## 2 Amplifier Linked to One Channel



## **TROUBLESHOOTING**

### **Problem**

Run indicator doesn't light up.

### **Solution**

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

### **Problem**

Run indicator is on but there is 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 and check battery terminal connections and check remote turn-on voltage.*

## PRODUCT SPECIFICATIONS

### APNK-40001

RMS @ 4 Ohm .....	1 x 1550W
RMS @ 2 Ohm .....	1 x 2650W
RMS @ 1 Ohm .....	1 x 4000W
Min. Speaker Impedance .....	1 Ohm
THD.....	0.1%
Frequency Response .....	15Hz ~ 250Hz
Input Sensitivity .....	300mV-8V
Signal to Noise Ratio .....	>100dB
Phase Shift.....	0°~180°
Crossover (Low Pass Filter).....	50Hz ~ 250Hz
Subsonic.....	15Hz ~ 40Hz
Bass Boost Control.....	0 ~ +18dB
Dimension (W x H x D) .....	299 x 74 x 637(mm)
Fuse(s).....	Non