



**Full Range
Class D
System**

APMQ-4100D

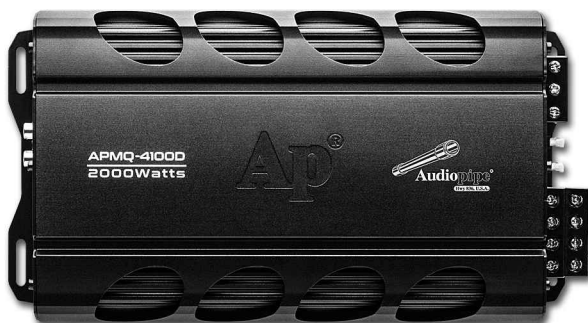
2000W

APMQ-4150D

2500W

**Mini Design
4 Channel
Mosfet Amplifier**

With Remote Bass Knob



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 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.

- Double side FR-4 PCB, high quality SMD components.
- Full MOSFET circuit design.
- Adjustable subsonic filter.
- Adjustable low pass filter .
- Adjustable bass boost level.
- Overload, short circuit, thermal, low voltage protection.
- Remote bass level control (with remote bass knob).

WARRANTY

Audiopipe warrants this amplifier for one year from date of purchase against all manufacturing defects only.

Warranty does not include physical damage or electrical abuse from being over-driven or short circuit from speaker failure.

In order achieve the best performance, we recommend having your amplifier installed by an authorized dealer. You may search on our website under the “dealer locator” tab for an authorized dealer near you.

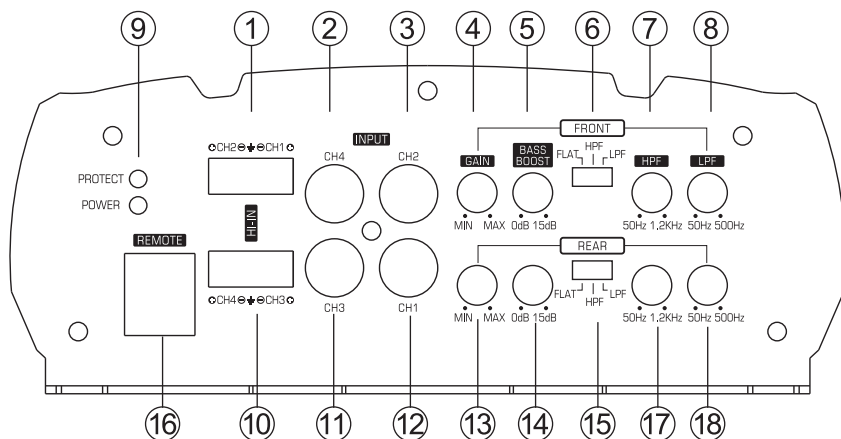
In case of any warranty issues you may contact Audiopipe directly, this maybe done on the website or emailing tech@audiopipe.com. Before any returns are made you will need to provide proof of purchase and request an RMA# before shipping in your unit for service.

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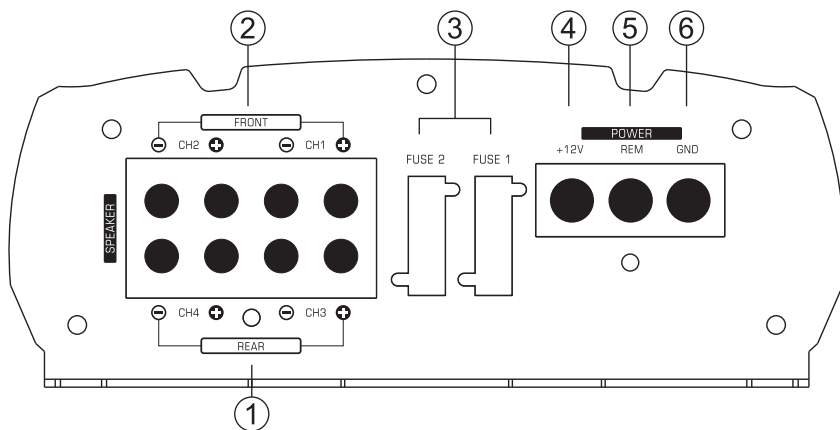
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AMPLIFIER FUNCTIONS

APMQ-4100D

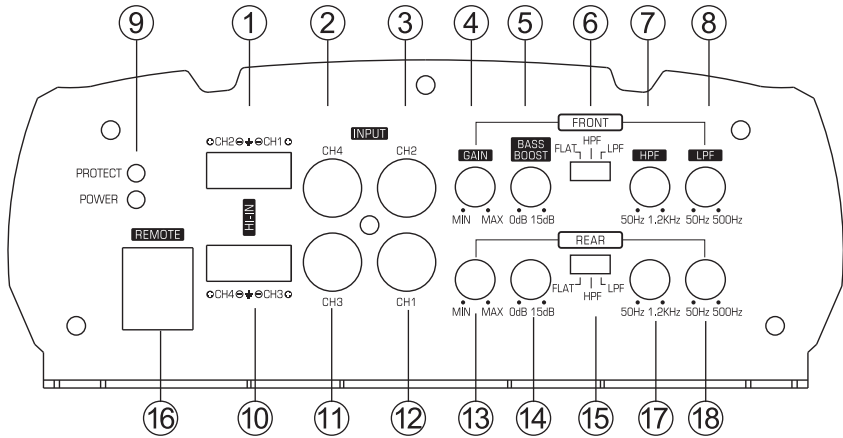


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|-----------------------------------|-----------------------------------|
| 1. Front High Level Input | 10. Rear High Level Input |
| 2. Rear Right RCA Input Jacks | 11. Rear Left RCA Input Jacks |
| 3. Front Right RCA Input Jacks | 12. Front Left 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. Remote Volume Control |
| 8. Front Low Pass Filter Control | 17. Rear High Pass Filter Control |
| 9. Power/Protect LED | 18. Rear Low Pass Filter Control |

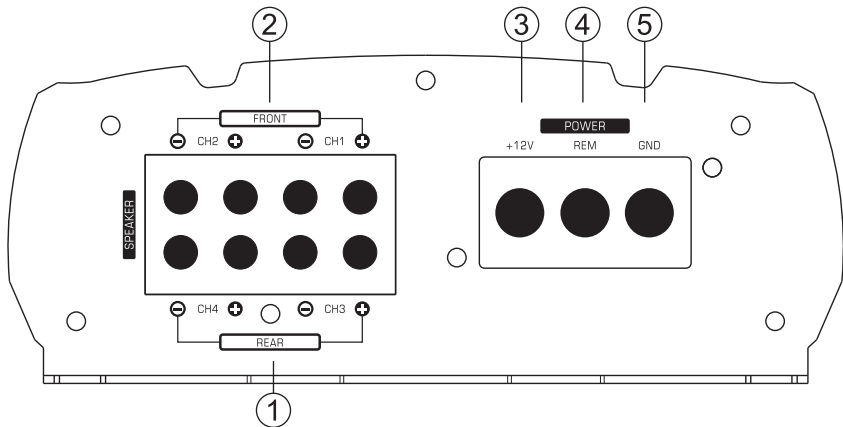


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|-------------------------|-------------------------|
| 1. Rear Speaker Output | 4. Battery +12V Input |
| 2. Front Speaker Output | 5. Remote Turn-on Input |
| 3. 2x30 Amp Fuse | 6. Ground Input |

APMQ-4150D



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INSTALLATION

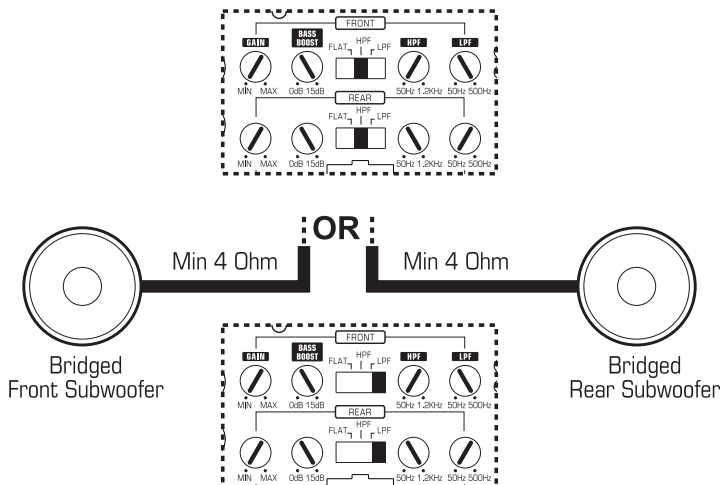
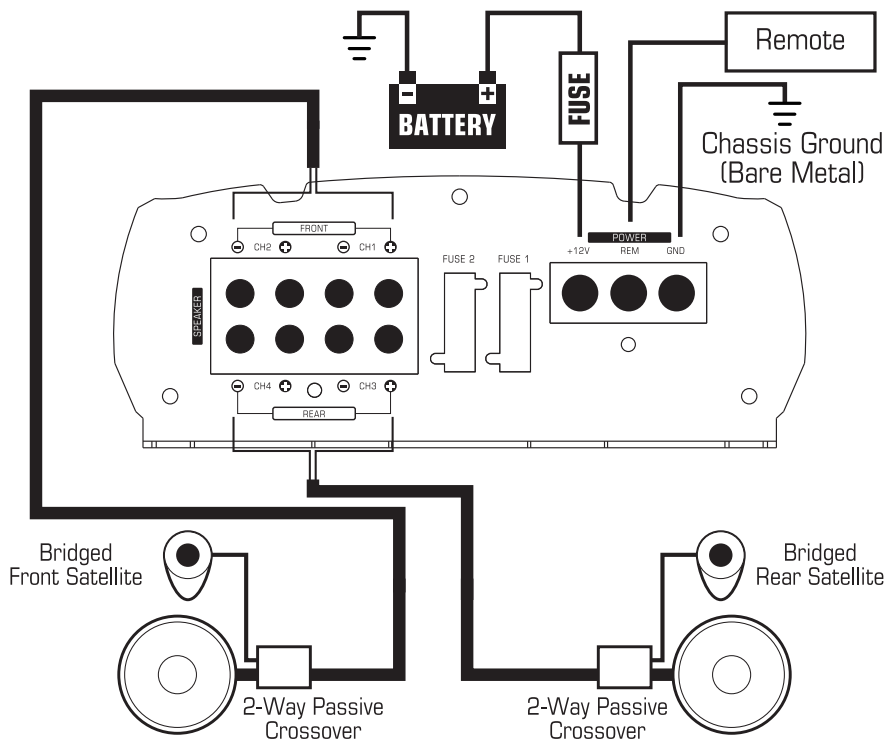
We recommend you have the installation done by an Authorized Audiopipe Dealer. The ground wire should be connected directly with the chassis of your vehicle which should be a metal to metal ground point connection. The amplifier must be mounted securely on a solid, dry and low vibration surface in the 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.



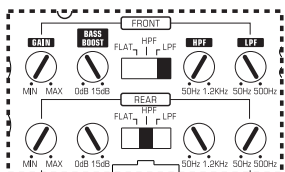
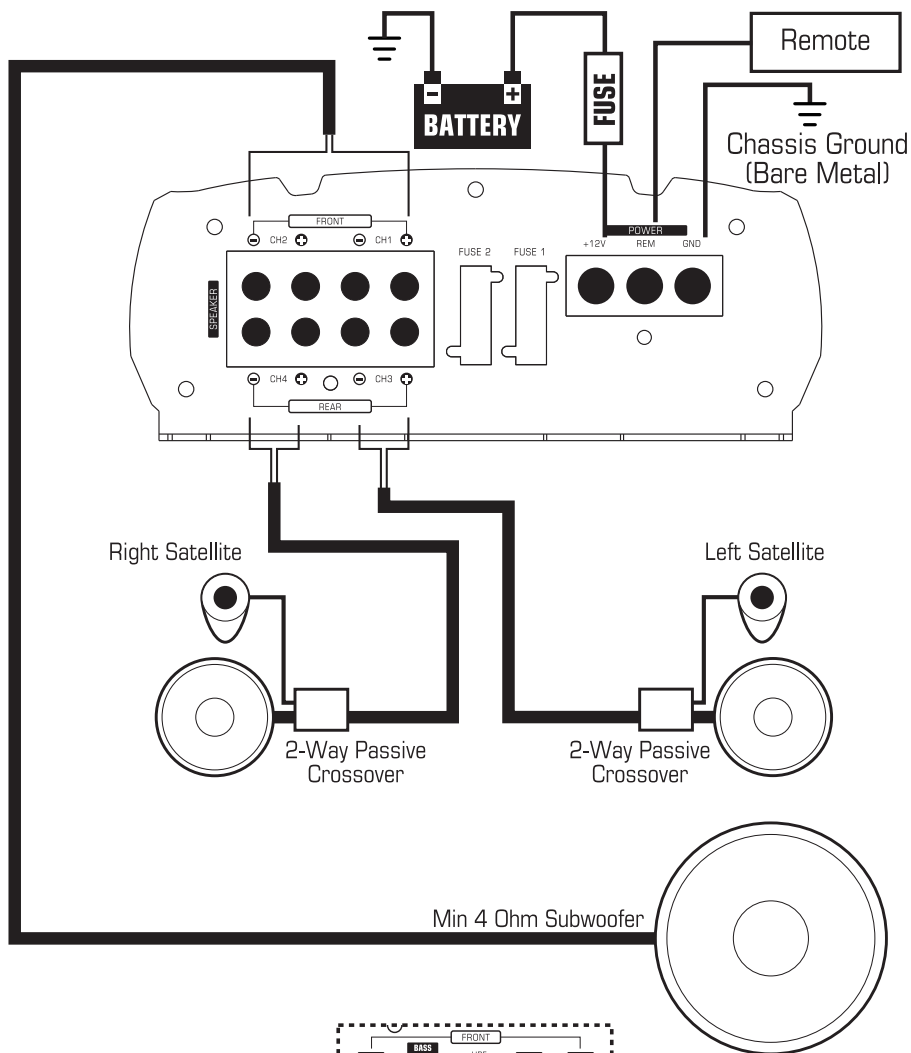
Do Not Expose this product to water or any liquids

WIRING AND APPLICATIONS

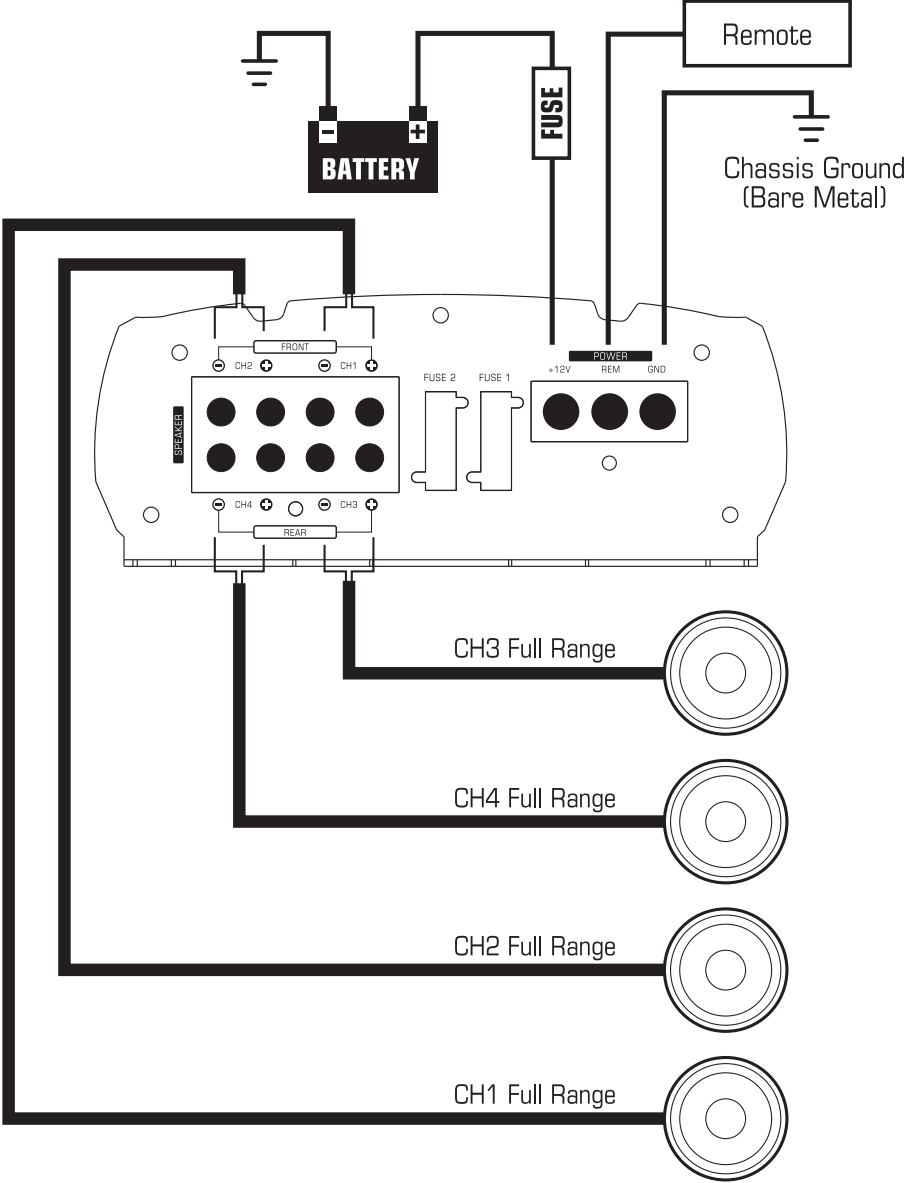
APMQ-4100D 2-CHANNEL HIGH POWER SYSTEM (SATELLITE OR SUBWOOFER)



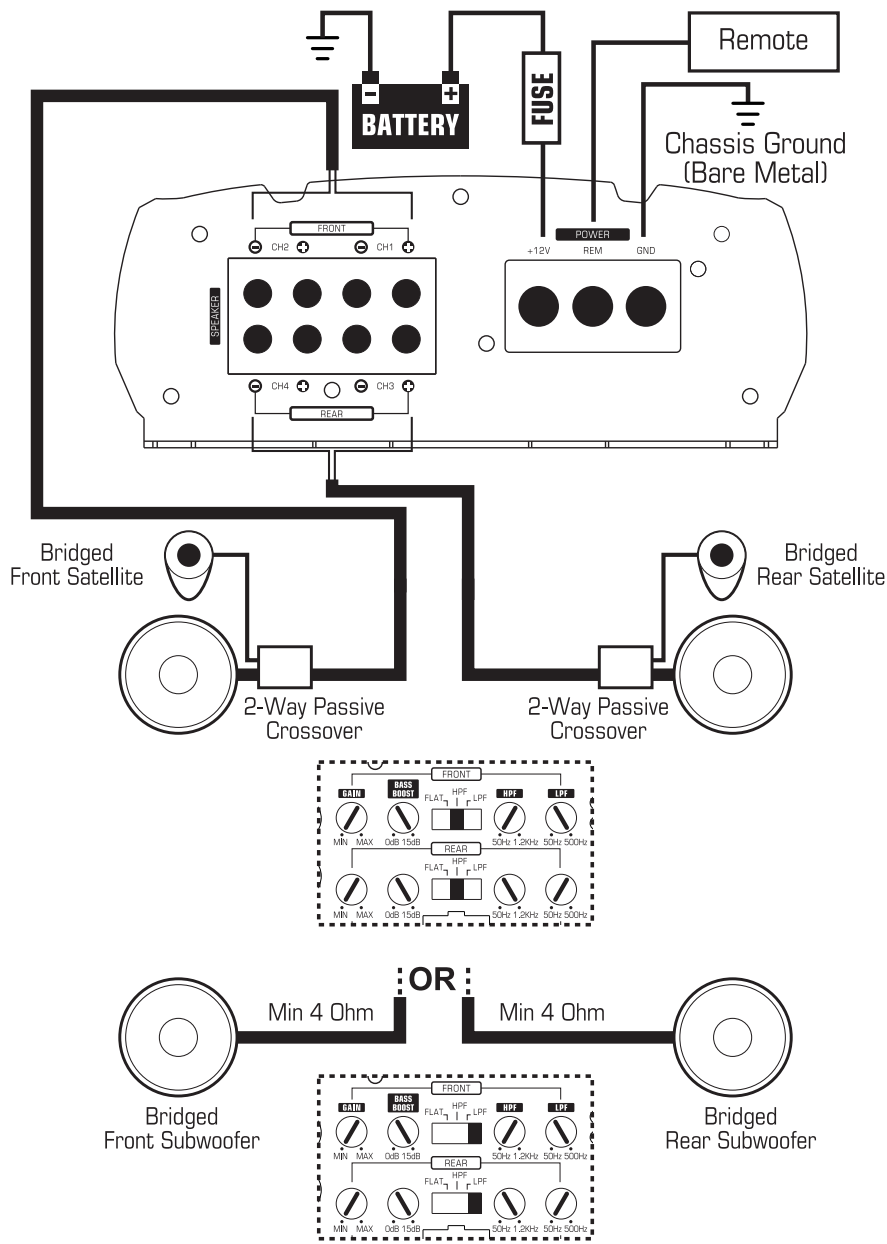
APMQ-4100D BRIDGED-MONO SUBWOOFER SYSTEM



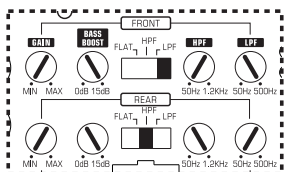
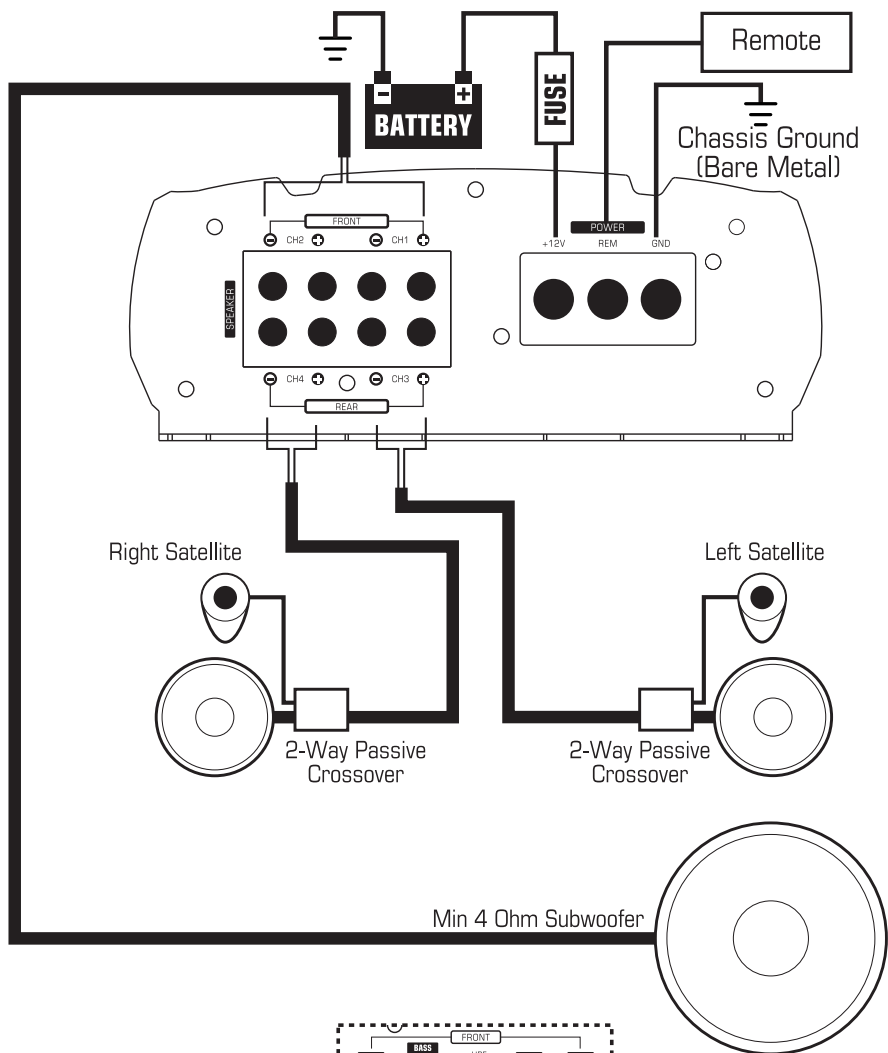
APMQ-4100D
4-CHANNEL FULL-RANGE OPERATION



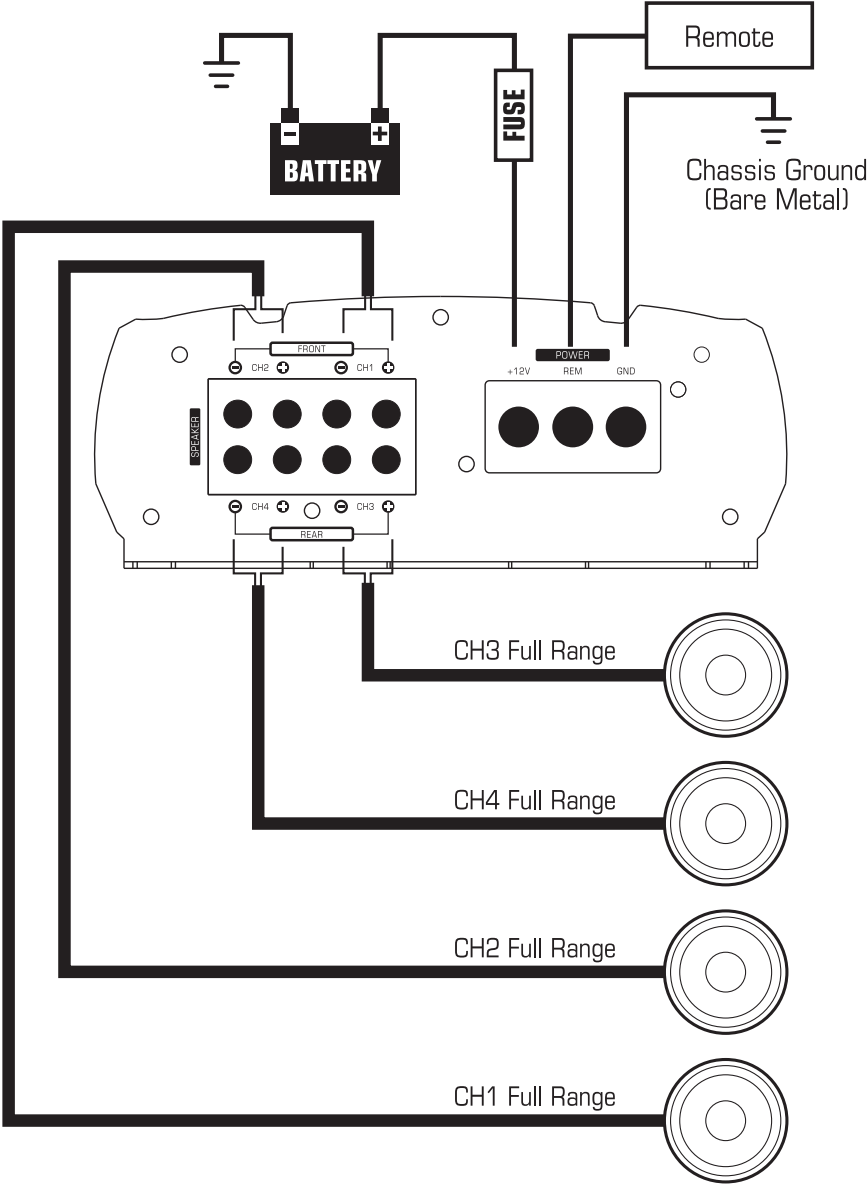
APMQ-4150D
2-CHANNEL HIGH POWER SYSTEM (SATELLITE OR SUBWOOFER)



APMQ-4150D BRIDGED-MONO SUBWOOFER SYSTEM



APMQ-4150D
4-CHANNEL FULL-RANGE OPERATION



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

- *One speaker cable could be disconnected the bass.*

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.*

For additional questions please contact your authorized Audiopipe dealer.

PRODUCT SPECIFICATIONS

APMQ-4100D

RMS @ 4 Ohm (<1% DISTORTION)	4 x 100W
RMS @ 2 Ohm (<1% DISTORTION)	4 x 190W
Maximum Power Output	2 x 250W
Frequency Response	50Hz ~ 1.2kHz
Signal to Noise Ratio	>80dB
THD	≤0.5%
Input Sensitivity Level	0.2 ~ 6V
LPF	50Hz ~ 500Hz
HPF	50Hz ~ 1.2kHz
Current Draw	60A
Bass Boost Level.....	0 ~15dB
Components & PCB	Double Side Board
Dimension (W x H x D)	251 x 57 x 160mm

APMQ-4150D

RMS @ 4 Ohm (<1% DISTORTION)	4 x 150W
RMS @ 2 Ohm (<1% DISTORTION)	4 x 200W
Maximum Power Output	2 x 360W
Frequency Response	50Hz ~ 1.2kHz
Signal to Noise Ratio	>80dB
THD	≤0.5%
Input Sensitivity Level	0.2 ~ 6V
LPF	50Hz ~ 500Hz
HPF	50Hz ~ 1.2kHz
Current Draw	70A
Bass Boost Level.....	0 ~15dB
Components & PCB	Double Side Board
Dimension (W x H x D)	301 x 57 x 160mm