

Audiopipe®

Hwy 836, U.S.A.

1500W^{atts}
APHD-15001-F1
1 Ohm



APHD-15001-F1
1500W / 1 Ohm

APHD-15001-F2
1500W / 2 Ohm

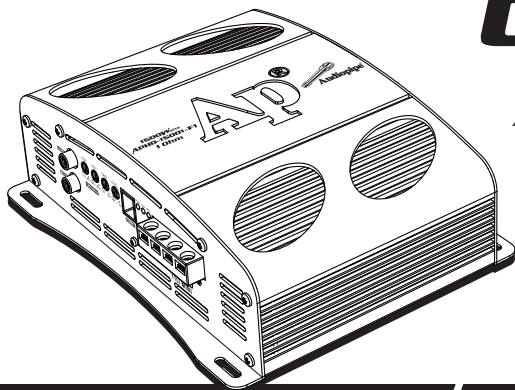
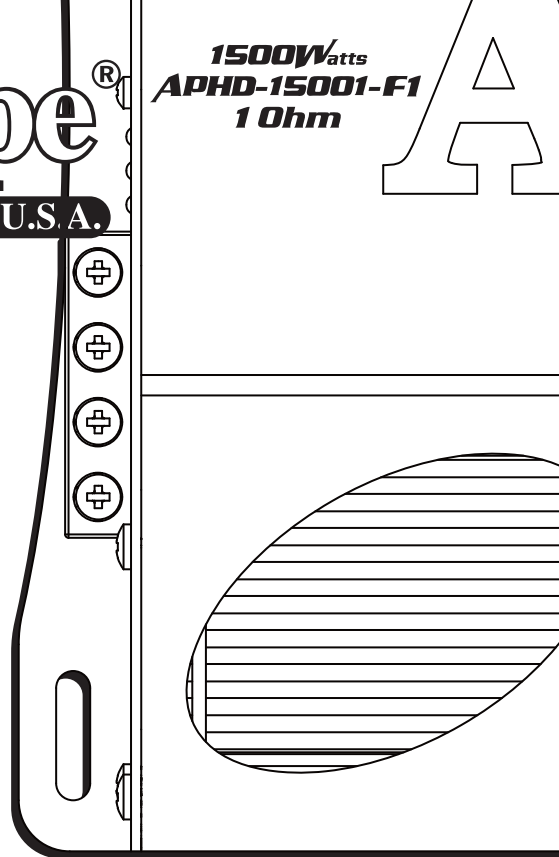
APHD-30001-F1
3000W / 1 Ohm

APHD-30001-F2
3000W / 2 Ohm

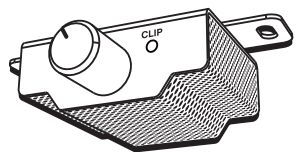
APHD-50001-F1
5000W / 1 Ohm

APHD-80001-F1
8000W / 1 Ohm

APHD-160001-F1
16000W / 1 Ohm



Class D Mosfet Power 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 soon discover that our amplifiers combine high levels of sound quality with optimum 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. We recommend you to educate yourself on how to properly upgrade your vehicles power and ground system before installing some the models within this line. Seek the guidance of a professional installer prior to your install for added tips depending on your configuration or contact tech@audiopipe.com for further help. These models produce massive amounts of power and proper care should be followed.

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.

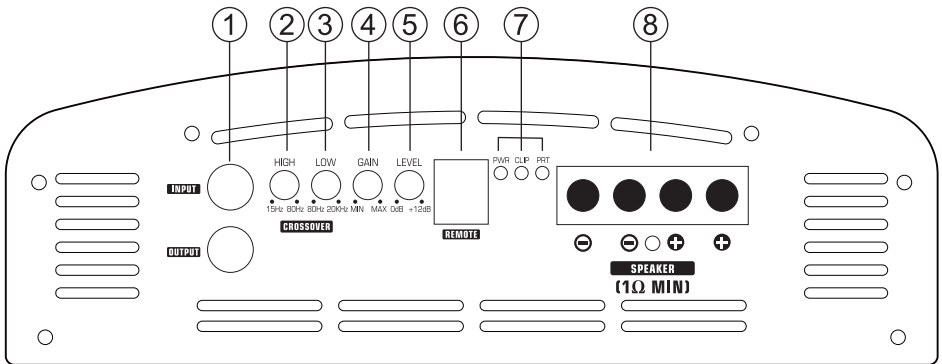
TABLE OF CONTENTS

Amplifier Functions.....	1
Installation.....	5
Wiring Configuration.....	6
Troubleshooting.....	9
Product Specifications.....	10

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 circuited from speaker failure.
- Defective amplifiers should be returned to Audiopipe after submitting for an RMA# on the Audiopipe website www.audiopipe.com, freight charges are additional and are not part of the warranty.

APHD-15001-F1/F2 & APHD-30001-F1/F2



1. RCA Audio Input

These RCA audio inputs connect with your radio RCA outputs. Please use high quality RCA cables. Keep these cables as short as possible. To avoid electrical disturbances from your car electronics, route RCA cables away from other current carrying cables in the car. If your radio has only speaker output, you must use a HIGH LOW LEVEL adaptor.

2. High Pass Filter

For High Pass Mode adjust the knob by turning clockwise/counter clockwise, this control limits the frequencies that are distributed to the speakers within the range 15Hz - 80Hz.

3. Low Pass Filter

For Low Pass Mode adjust the knob by turning clockwise/counter clockwise, this control limits the frequencies that are distributed to the speakers within the range 80Hz - 20kHz.

4. Gain Control

Increases sound level in lower frequencies by 12dB.

5. Level Control

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

6. Remote

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

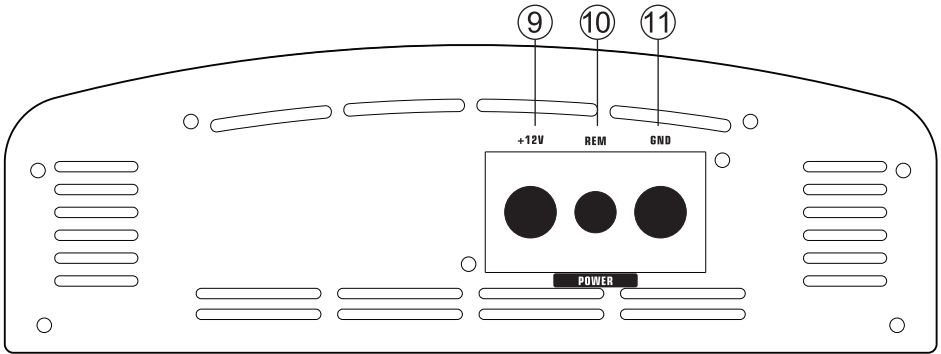
7. Indicator LEDs

Power indicator LED • Clip indicator LED • Protection indicator LED

8. Speaker Connection

Never connect the speaker cables with the chassis ground. This may destroy your amplifier. Check that your speakers are connected correctly which means plus to plus and minus to minus. We recommend speaker cable from 2.25 mm to up. The connection ways are shown in the attachment.

APHD-15001-F1/F2 & APHD-30001-F1/F2



9. +12V

Battery + terminal. The +12 Volt power cable must be connected with a fuse in line near the battery + terminal. Please see the table of cable and fuse selection.

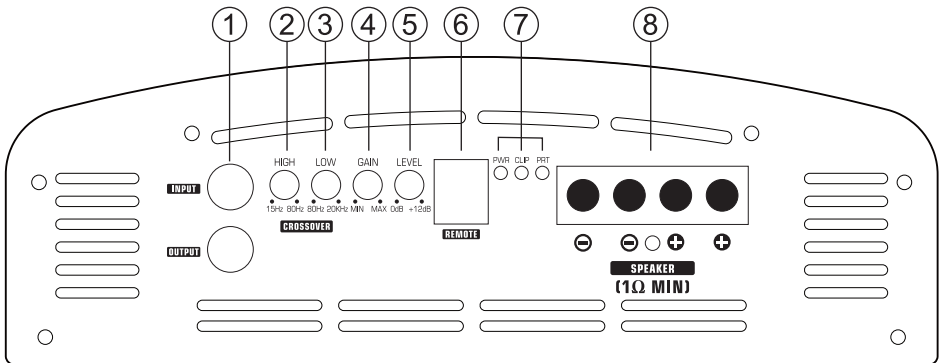
10. REM

Remote terminal. The remote cable must be connected with the radio remote terminal so that the amplifier will switch on and off automatically with the radio. If there are two or more amplifiers installed together, it might be necessary to add an additional relay. Please consult your dealer.

11. GND

Chassis ground terminal. The chassis ground cable must be connected very tight on a nearby massive and electric conductive place.

APHD-50001-F1, APHD-80001-F1 & APHD-160001-F1



1. RCA Audio Input

These RCA audio inputs connect with your radio RCA outputs. Please use high quality RCA cables. Keep these cables as short as possible. To avoid electrical disturbances from your car electronics, route RCA cables away from other current carrying cables in the car. If your radio has only speaker output, you must use a HIGH LOW LEVEL adaptor.

2. High Pass Filter

For High Pass Mode adjust the knob by turning clockwise/counter clockwise, this control limits the frequencies that are distributed to the speakers within the range 15Hz - 80Hz.

3. Low Pass Filter

For Low Pass Mode adjust the knob by turning clockwise/counter clockwise, this control limits the frequencies that are distributed to the speakers within the range 80Hz - 20kHz.

4. Gain Control

Increases sound level in lower frequencies by 12dB.

5. Level Control

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

6. Remote

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

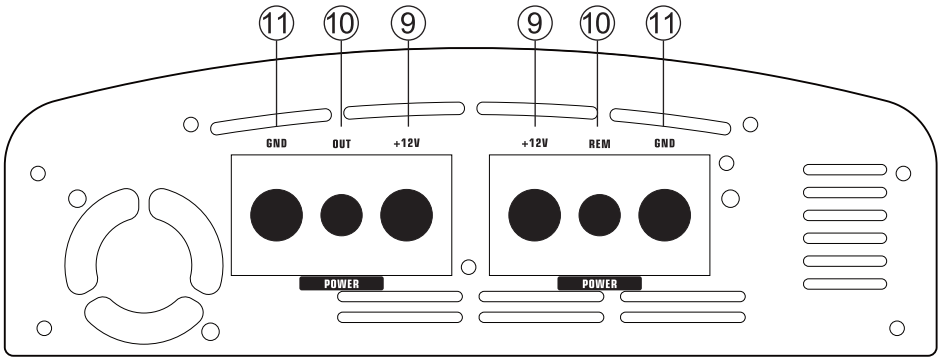
7. Indicator LEDs

Power indicator LED • Clip indicator LED • Protection indicator LED

8. Speaker Connection

Never connect the speaker cables with the chassis ground. This may destroy your amplifier. Check that your speakers are connected correctly which means plus to plus and minus to minus. We recommend speaker cable from 2.25 mm to up. The connection ways are shown in the attachment.

APHD-50001-F1, APHD-80001-F1 & APHD-160001-F1



9. +12V

Battery + terminal. The +12 Volt power cable must be connected with a fuse in line near the battery + terminal. Please see the table of cable and fuse selection.

10. REM, OUT

Remote terminal. The remote cable must be connected with the radio remote terminal so that the amplifier will switch on and off automatically with the radio. If there are two or more amplifiers installed together, it might be necessary to add an additional relay. Please consult your dealer.

11. GND

Chassis ground terminal. The chassis ground cable must be connected very tight on a nearby massive and electric conductive place.

INSTALLATION

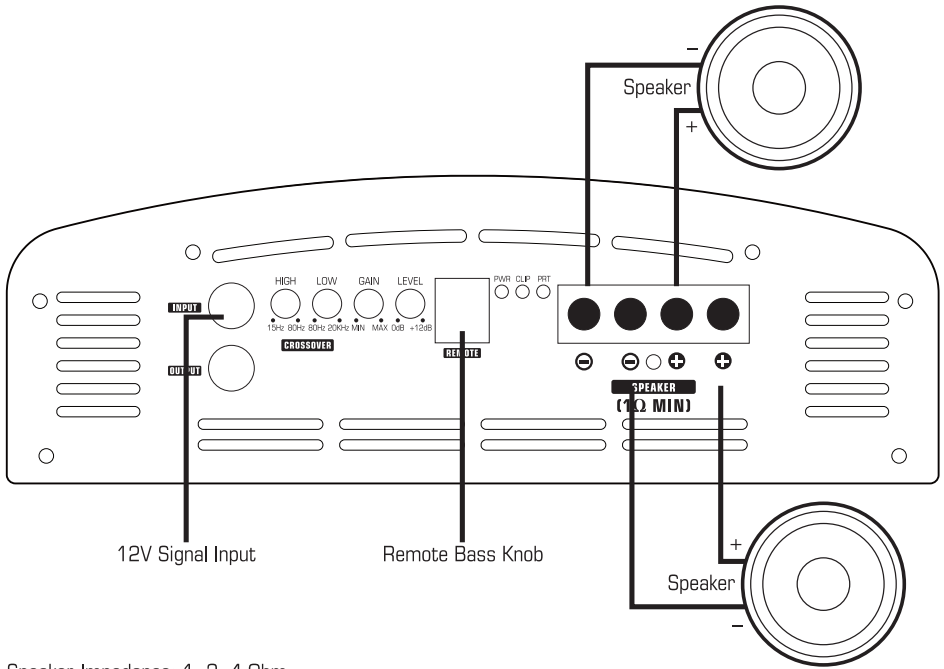
We recommend you have the installation done by an Authorized Audiopipe Dealer. The ground wire should be connected directly with the chassis of your vehicle which should be a metal to metal ground point connection. The amplifier must be mounted securely on a solid, dry and low vibration surface in the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



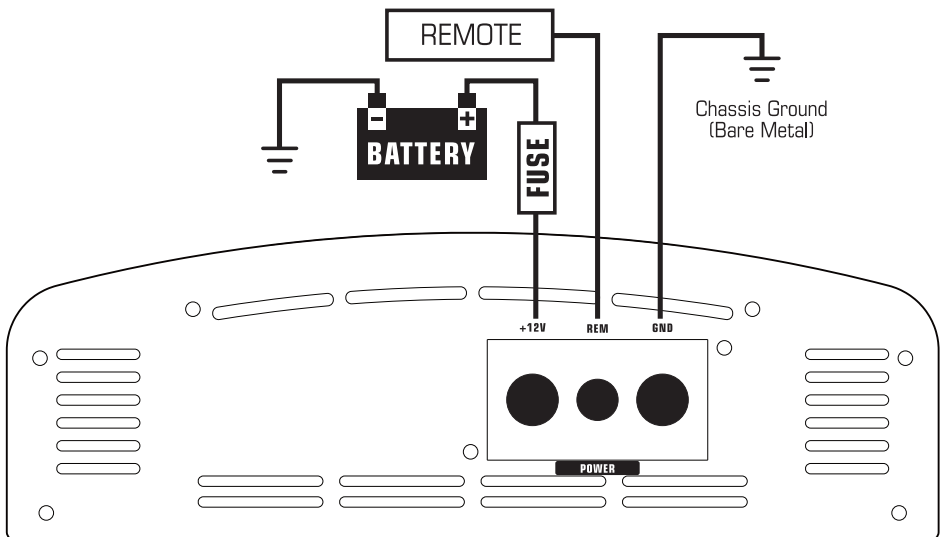
Do Not Expose this product to water or any liquids

WIRING CONFIGURATION

APHD-15001-F1 & APHD-30001-F1

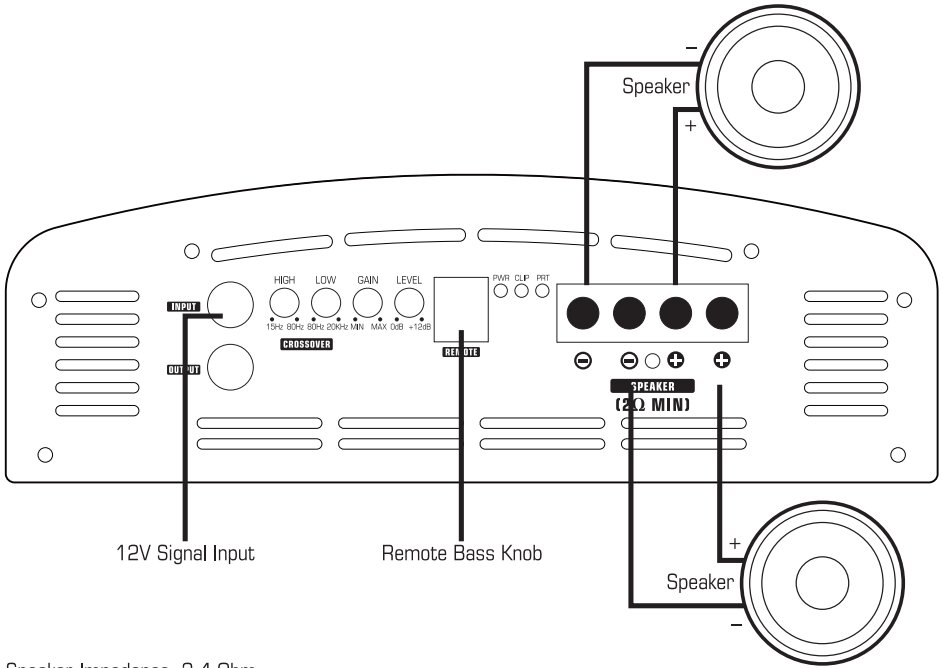


Speaker Impedance: 1, 2, 4 Ohm

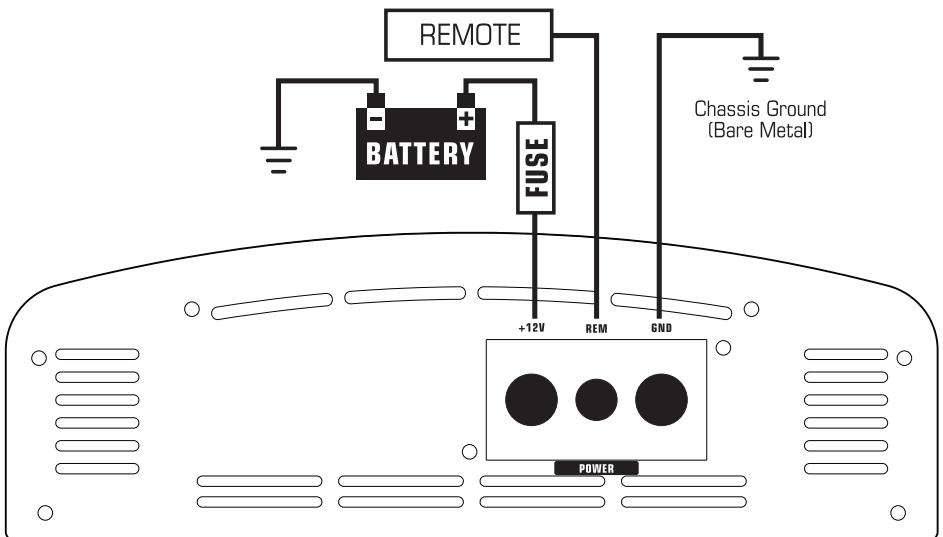


WIRING CONFIGURATION

APHD-15001-F2 & APHD-30001-F2

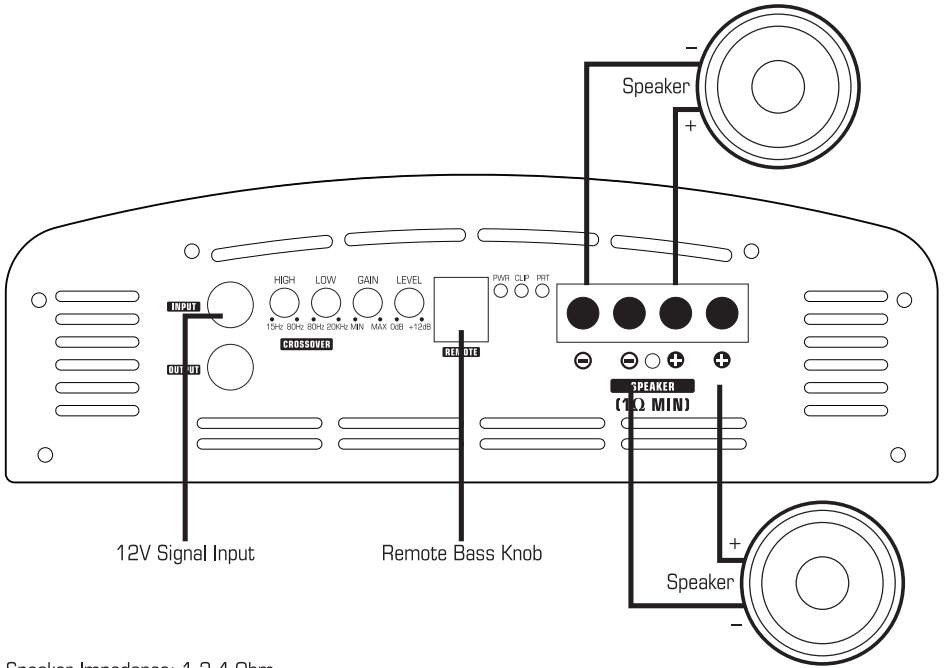


Speaker Impedance: 2,4 Ohm
Warning: 2Ω is the lowest Impedance

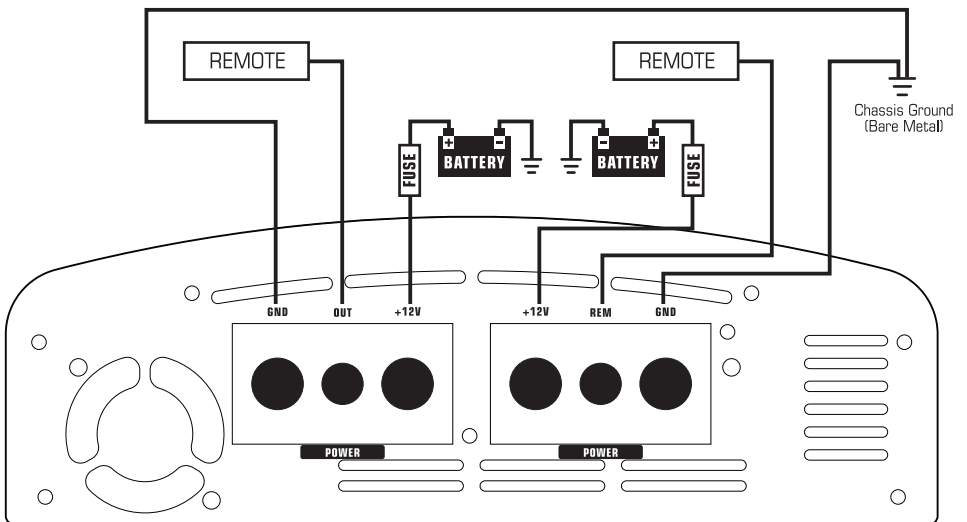


WIRING CONFIGURATION

APHD-50001-F1, APHD-80001-F1 & APHD-160001-F1



Speaker Impedance: 1,2,4 Ohm



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.*

For additional questions please contact your authorized Audiopipe dealer.

PRODUCT SPECIFICATIONS

APHD-15001-F1

Stable Digital:.....	1 Ohm
Output Power at 1 Ohm:.....	1810W
Output Power at 2 Ohm:.....	1160W
Output Power at 4 Ohm:.....	880W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse:.....	100A

APHD-15001-F2

Stable Digital:.....	2 Ohm
Output Power at 2 Ohm:.....	1580W
Output Power at 4 Ohm:.....	960W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse:.....	100A

PRODUCT SPECIFICATIONS

APHD-30001-F1

Stable Digital:.....	1 Ohm
Output Power at 1 Ohm:.....	3306W
Output Power at 2 Ohm:.....	2048W
Output Power at 4 Ohm:.....	1095W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse:.....	250A

APHD-30001-F2

Stable Digital:.....	2 Ohm
Output Power at 2 Ohm:.....	3106W
Output Power at 4 Ohm:.....	2048W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse:.....	250A

PRODUCT SPECIFICATIONS

APHD-50001-F1

Stable Digital:.....	1 Ohm
Output Power at 1 Ohm:.....	5035W
Output Power at 2 Ohm:.....	3280W
Output Power at 4 Ohm:.....	1850W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse:.....	400A

APHD-80001-F1

Stable Digital:.....	1 Ohm
Output Power at 1 Ohm:.....	8010W
Output Power at 2 Ohm:.....	5108W
Output Power at 4 Ohm:.....	3050W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse Rating:.....	600A

PRODUCT SPECIFICATIONS

APHD-160001-F1

Stable Digital:.....	1 Ohm
Output Power at 1 Ohm:.....	16005W
Output Power at 2 Ohm:.....	12800W
Output Power at 4 Ohm:.....	8950W
Frequency Response:.....	15Hz - 20kHz
Signal to Noise Ratio:.....	105dB
THD:.....	1%
Input Sensitivity:.....	200mV
HPF:.....	15Hz - 80Hz @ 12dB / OCT
LPF:.....	80Hz - 20kHz @12dB / OCT
Bass Boost:.....	12dB
Fuse Rating:.....	1200A