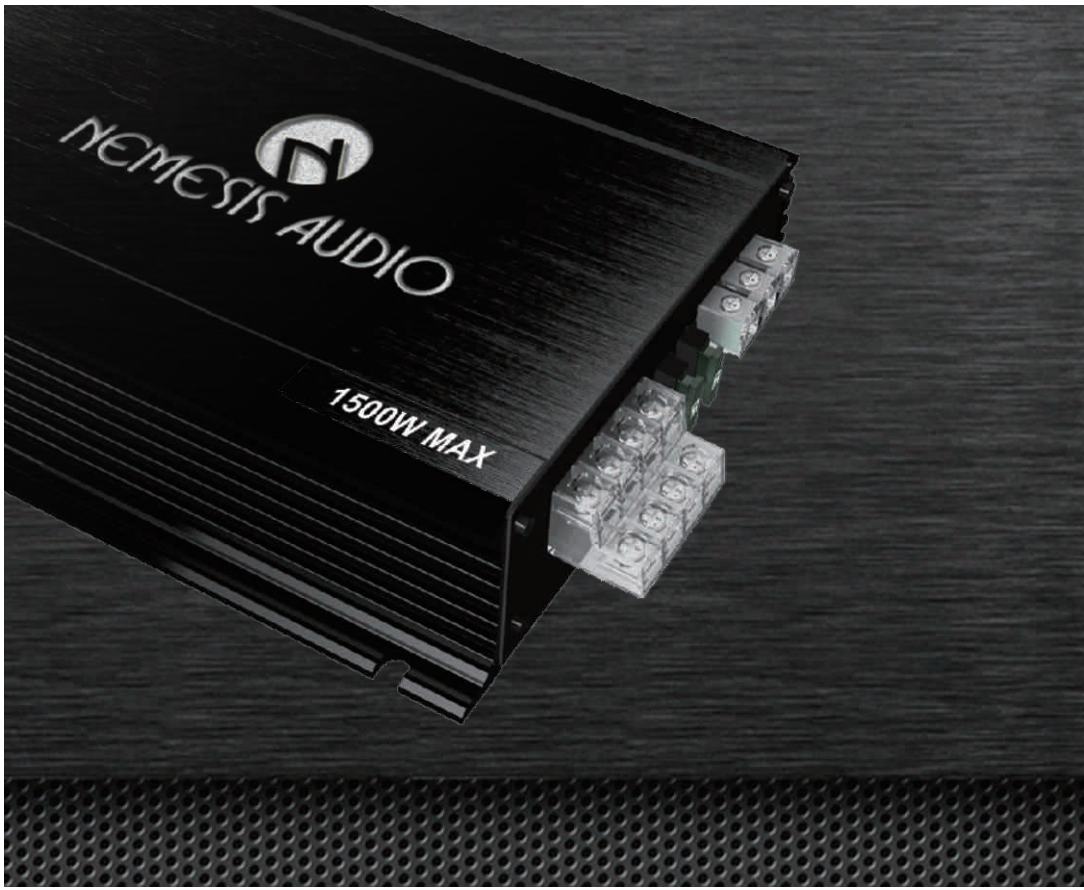
NA-2500X4D

RMS / MAX @ 4 Ohm (<1% DISTORTION)	4x220 / 4x440W
RMS / MAX @ 2 Ohm (<1% DISTORTION)	4x330 / 4x660W
RMS / MAX POWER BRIDGED @ 4 OHM (<1% DISTORTION)	2x660 / 2x1320W
Input Level	0.2V ~ 6V
Frequency Response	20Hz ~ 20kHz
LPF	50Hz ~ 4kHz
HPF	15Hz ~ 6kHz
THD at 4 Ohm load 30% Rated Power	≤0.1%
Signal To Noise Ratio	>90dB
Minimum Load	2 Ohm
Components & PCB	SMT & Double Side Board
Dimension(LxWxH)	11.73 x 7.28 x 2.28 Inch

NEMESIS AUDIO

POWER CLASS D FULL RANGE CAR AMPLIFIER



NA-1500X4D NA-2500X4D

User's Manual

INTRODUCTION

Congratulations on purchasing your **Nemesis Audio** Full Range Class D amplifier for your car audio system. Please read this manual thoroughly to ensure proper installation of your new amplifier for maxinum performance.

- 2 Ohm load stable.
- Double side FR-4 PCB, high quality SMT components.
- Full MOSFET circuit design.
- Adjustable low pass filter.
- Adjustable bass boost level
- Overload, short circuit, thermal, low voltage protection.
- Easy bridging operation.

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Pre Installation..... 1
Amplifier Functions.....2
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PRE INSTALLATION

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

Model	Fuse	Wire
NA-1500X4D	2x30AMP	8 Gauge
NA-2500X4D	80AMP	4 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.

IMPORTANT

Please make sure the negative speaker terminals of the two amplifiers are connected by the same gauge cables as the positive terminal being used.

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 basscontrol on the radio is set on low and active cross over is adjusted wrong.

Problem

The amplifier switches on and off.

Solution

Bad chassis ground connection with amplifier cable terminals and battery terminals are oxidized low voltage from the batter remote wire is connected wrong.

For additional questions please contact your authorized **Nemesis Audio** dealer.

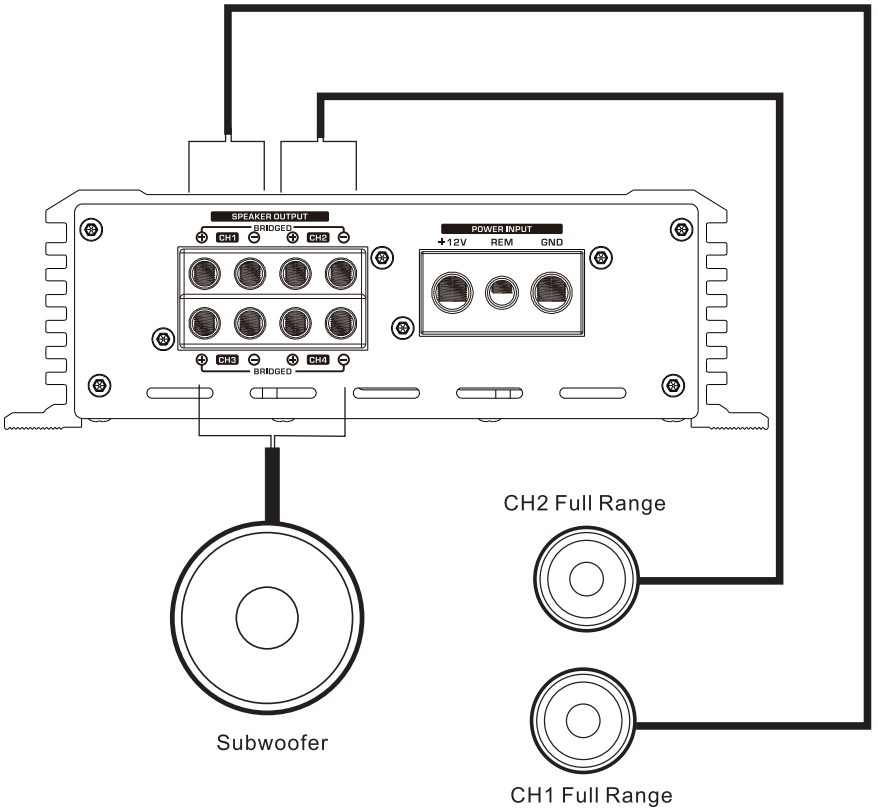
PRODUCT SPECIFICATIONS

NA-1500X4D

RMS/MAX @ 4 Ohm(<1% DISTORTION)	4X140 / 4X280W
RMS/MAX @ 2 Ohm(<1% DISTORTION)	4X220 / 4X440W
RMS/MAX POWER BRIDGED @ 4 OHM (<1% DISTORTION)	2X420 / 4X840W
Frequency Response	20Hz~20KHz
Signal To Noise Ratio	>90dB
THD	<0.5%
LPF	50Hz~250Hz
HPF	50Hz~250Hz
Bass Boost Level	0-12dB
Input Sensitivity Level	0.2~5V
X-over	50Hz~250Hz
Best Efficiency	>85%
Minimum Load	2Ohm
Short Circuit Test (max.power)	PASS
Overheat Protect Temperature	80°C/176°F
Components&PCB	SMT&Double Side Board

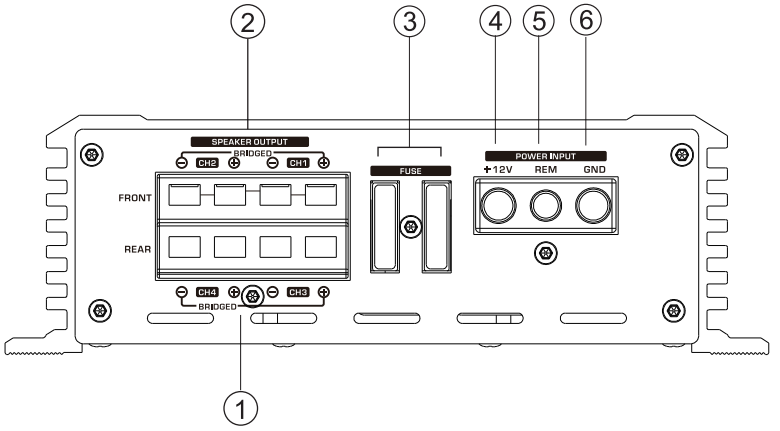
Bridged - Mono Subwoofer System

NA-2500X4D

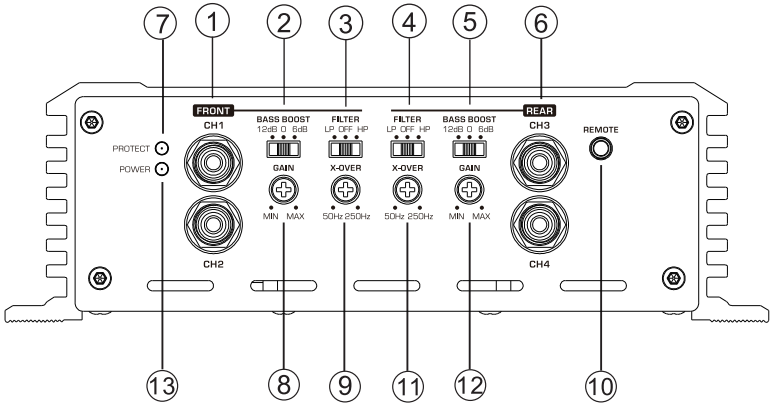


AMPLIFIER FUNCTIONS

NA-1500X4D

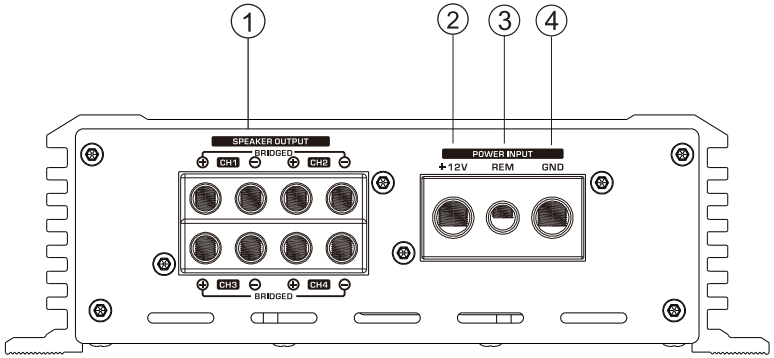


1.Rear Speaker Output
2.Front Speaker Output
3.2x30Amp Fuse
4.Battery +12V Input
5.Remote Turn-on Input
6.Ground Input



1.RCA Front Jacks
2.Front Bass Boost Select Switch
3.Front Filter Select Switch
4.Rear Filter Select Switch
5.Rear Bass Boost Select Switch
6.RCA Rear Jacks
7.Protection Circuit Indicator LED
8.Front Gain Control
9.Front X-OVER Control
10.Remote Control
11.Rear X-OVER Control
12.Rear Gain Control
13.Power Indicator LED

NA-2500X4D

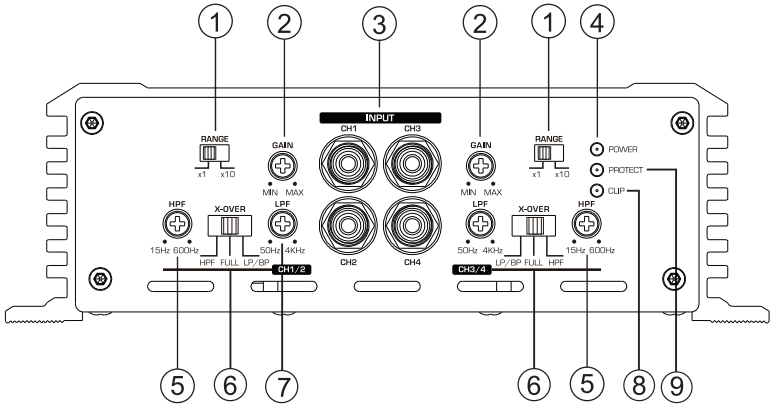


1.Speaker Output

2.Battery +12V Input

3.Remote Turn-on Input

4.Ground Input



1.HPF Multiplication Control

2.Gain Control

3.RCA Jacks

4.Power Indicator LED

5.High Pass Filter

6.X-OVER cONTROL

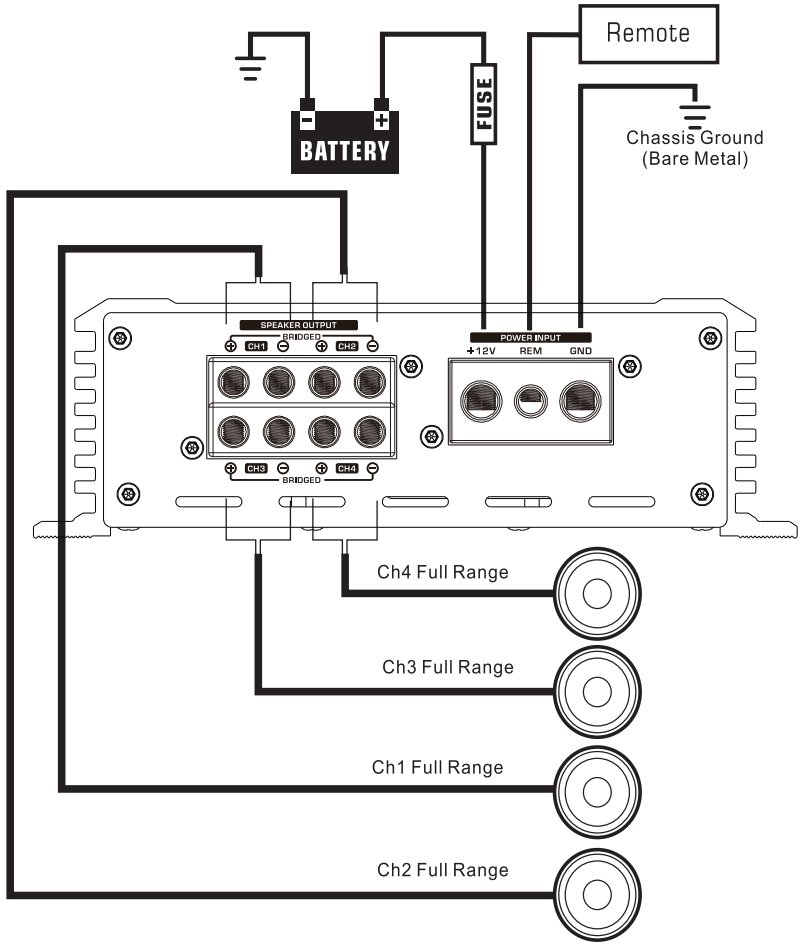
7.Low Pass Filter

8.Protection Circuit Indicator LED

9.Clip Indicator LED

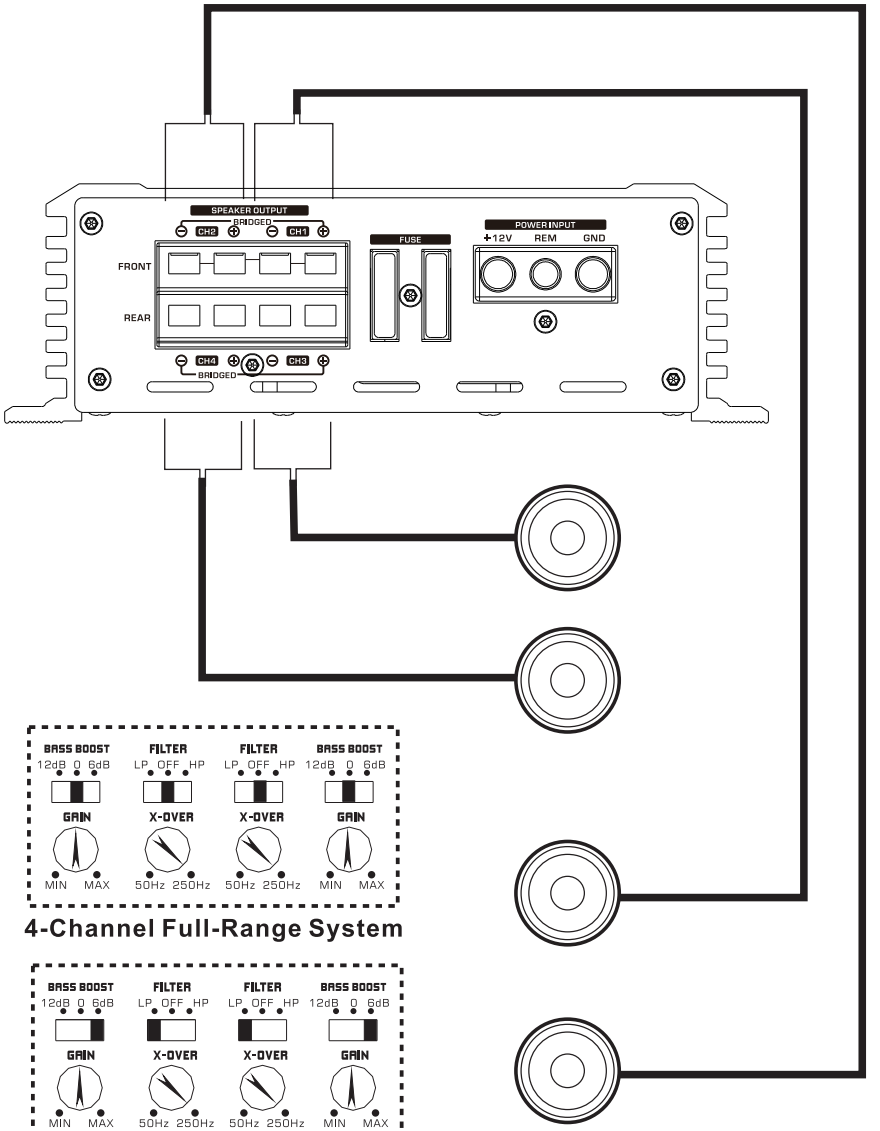
4-Channel Full-Range Operation

NA-2500X4D



4-Channel Full-Range and Subwoofer System

NA-1500X4D

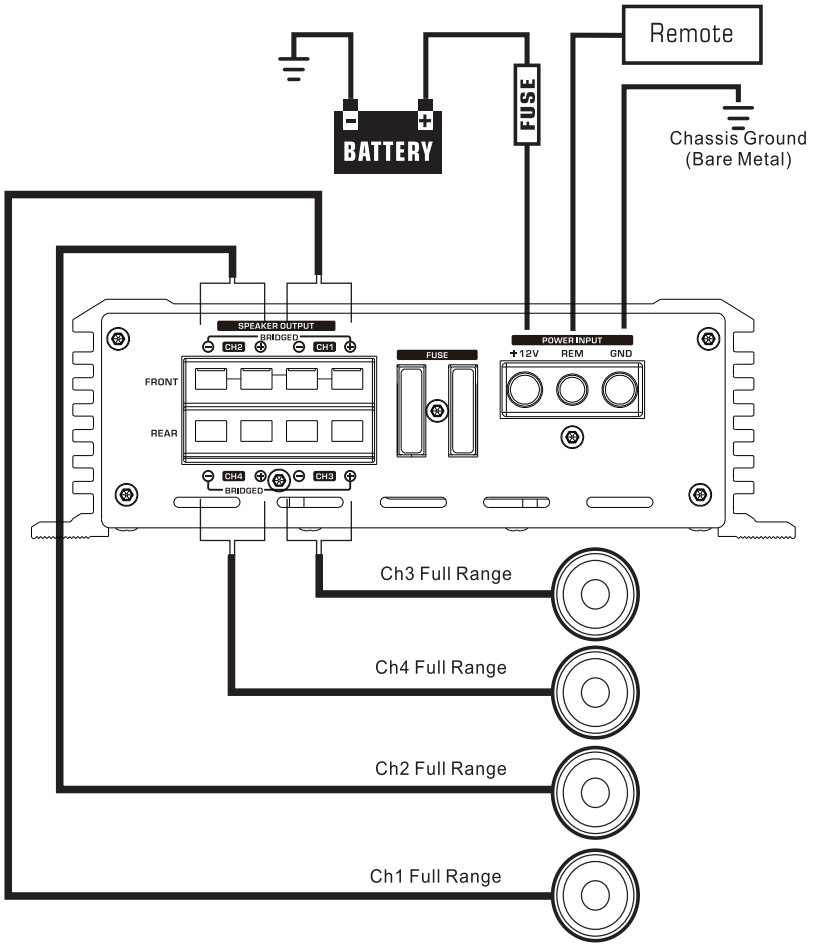


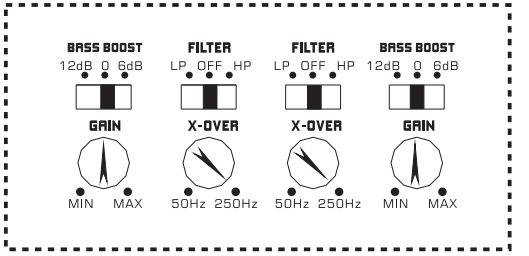
4-Channel Full-Range System

4-Channel Subwoofer System

4-Channel Full-Range Operation

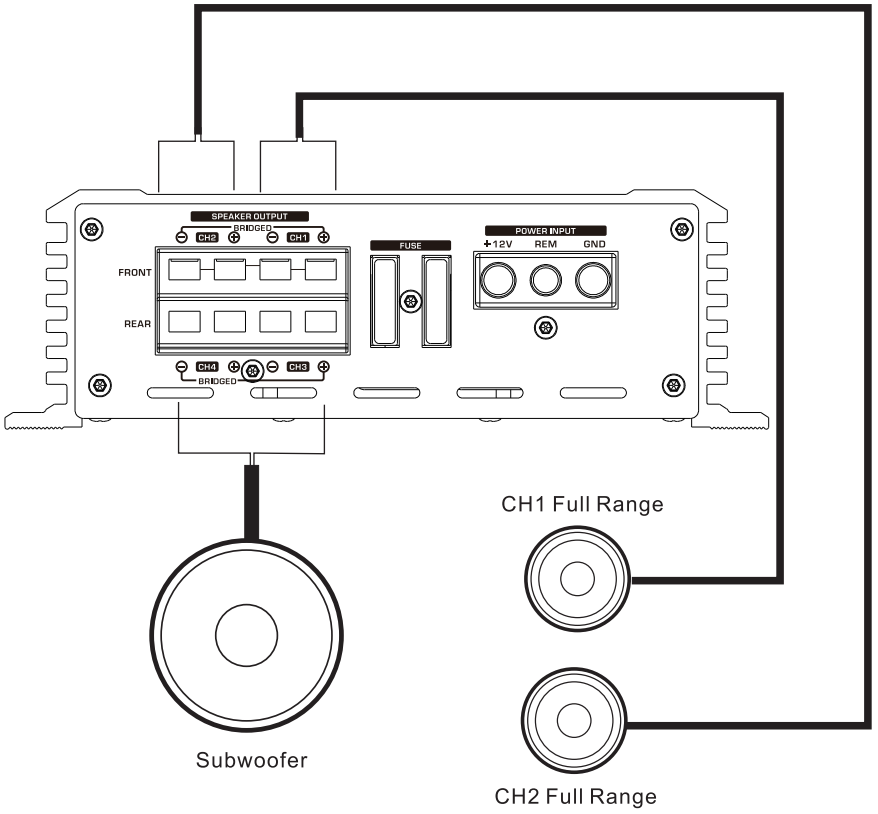
NA-1500X4D

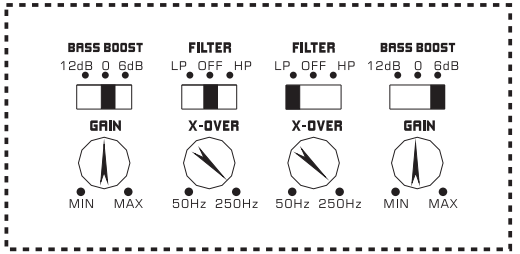




Bridged - Mono Subwoofer System

NA-1500X4D





2-Channel High Power System (Satellite or Subwoofer)

NA-1500X4D

