



OWNER'S

MANUAL

ENG

*VENOM-D5.100 IN  
VENOM-D1000 IN  
VENOM-D4.150 IN  
VENOM-D4.200 IN  
CLASS D AMPLIFIERS*

PLEASE READ CAREFULLY BEFORE USING

---



# Venom

The word "Venom" is rendered in a bold, black, gothic-style font. The letter "V" is particularly large and stylized. Below the letters "n" and "o", there is a graphic element consisting of a black, intricately patterned mask with two red vertical stripes. Below the mask are two white fangs pointing downwards, with a small black horizontal bar between them. The entire graphic is centered under the word "Venom".

## INTRODUCTION

Congratulations and thank you for purchasing AurA VENOM series amplifiers, the logical choice in mobile audio amplification. Your amplifiers have been designed and engineered with the highest quality components and top of the line workmanship to help you reach the superior sound you are after.

To achieve optimal performance of your system, please take a few moments to read over this Owner's manual or visit authorized dealer if needed before starting your installation.

## FEATURES

- ◆CLASS D AMPLIFIER
- ◆STABLE INTO 1 OHM LOAD(D1000 IN)  
2 OHM LOAD(D4.200 IN/D4.150 IN/  
D5.100 IN CH1-CH4)
- ◆HIGH SPEED MOSFET POWER SUPPLY
- ◆12dB/OCT CROSSOVER
- ◆VARIABLE LOW PASS FILTER
- ◆VARIABLE HIGHPASS/SUBSONIC FILTER
- ◆0-12dB VARIABLE BASS BOOST
- ◆REMOTE CONTROL D1000 IN/D5.100 IN
- ◆COMPACT DESIGN

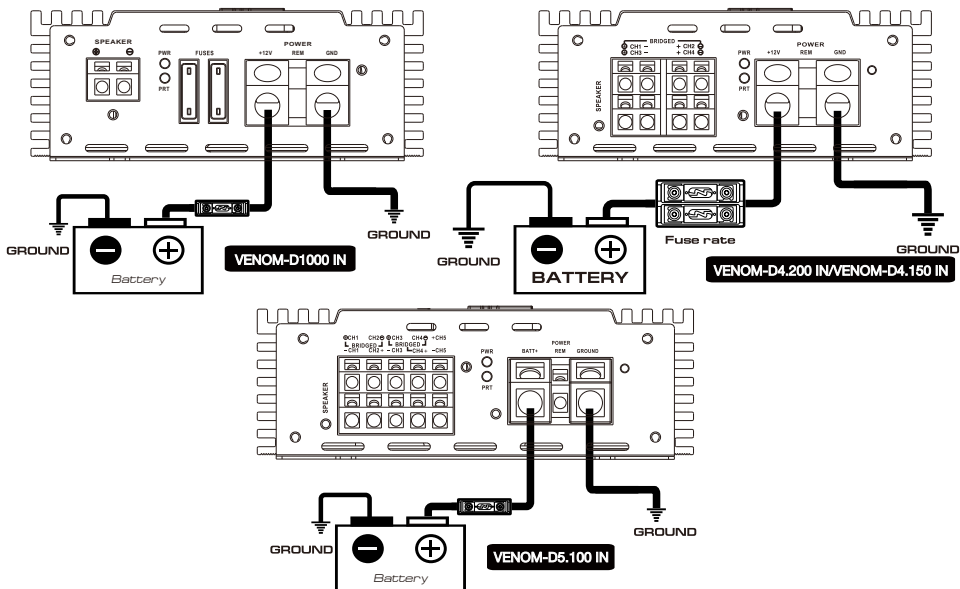
## SPECIFICATIONS

Model	VENOM-D5.100 IN	VENOM-D1000 IN	VENOM-D4.150 IN	VENOM-D4.200 IN
RMS power @ 4 ohm	100 W x 4 + 320 W x 1	400 W x 1	150 W x 4	201 W x 4
RMS power @ 2 ohm	150 W x 4 + 500 W x 1	600 W x 1	250 W x 4	301 W x 4
RMS power @ 1 ohm	N/A	1000 W x 1	N/A	N/A
RMS power @ 4 ohm(Bridge)	300 W x 2(CH1-CH4)	N/A	500 W x 2	602 W x 2
Working impedance	2 ohm stable	1 ohm stable	2 ohm stable	2 ohm stable
Input Sensitivity	6 V - 0.2 V	6 V - 0.2 V	6 V - 0.2 V	6 V - 0.2 V
Low Pass Filter	35 Hz - 250 Hz(CH5)	35 Hz - 250 Hz	40 Hz - 4 KHz	40 Hz - 4 KHz
High Pass Filter	15 Hz - 3 KHz(CH1-CH4)	N/A	15 Hz - 3 KHz	15 Hz - 3 KHz
Subsonic Filter	N/A	10 - 55Hz	N/A	N/A
Bass Boost	0 - 12 dB(CH5)	0 - 12 dB	N/A	N/A
Frequency Response	10 Hz - 250 Hz(CH5) 15 Hz - 30 KHz(CH1-CH4)	10 Hz - 250 Hz	15 Hz - 30 KHz	15 Hz - 30 KHz
Signal to Noise Ratio	>85 dB	>85 dB	>85 dB	>85 dB
THD @ 4ohm	< 0.1%	< 0.1%	< 0.1%	< 0.1%
Damping Factor	>150	>150	>150	>150
Working voltage	9 V - 15 V	9 V - 15 V	9 V - 15 V	9 V - 15 V
Fuse Rating	3x35 A	80 A	2x35 A(Internal)	External
Dimensions ( inches )	12.85 L x 5.87 W x 2.05 H	7.78 L x 5.28 W x 2.05 H	9.95 L x 5.28 W x 2.05 H	10.54 L x 5.28 W x 2.05 H

All features are subject to change in the continuing effort to improve the products without notice.



## POWER CONNECTION



### BATT (12V POWER)

Before mounting amplifiers, disconnect the negative cable from the battery to protect any accidental damage to your amplifiers and audio system.

Connect the power cables to power terminal 12V.

**VENOM-D5.100 IN/VENOM-D4.200 IN/VENOM-D4.150 IN** amplifiers are not equipped with fuses so that external fuses should be used.

Connect one end of fuse holder to the power cable going into the amplifiers and the other end of fuse holder to positive battery. This fuse location will protect the system and the vehicle against the possibility of a short circuit in the power cable. Be sure to use fuses and fuse holder adequate for the application.

### GND (GROUND)

Locate a secure grounding connection as close to amplifier as possible.

Make sure the location is clean and provides a direct electrical connection to the frame of the vehicle. The ground needs to have as low of a resistance as possible.

Connect one end of a short piece of the same size cable as the power cable to the grounding point or to one of your batteries or battery bank. Run the other end of the ground cable to the mounting location of the amplifiers for connection to the amplifiers ground terminals and connect the ground cable to the GND (ground terminal).

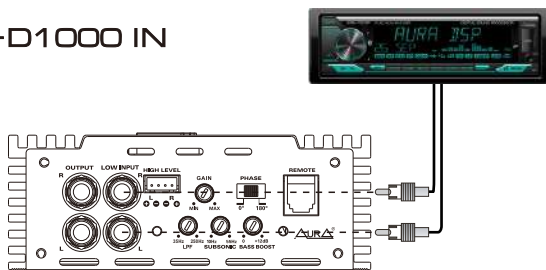
### REM (REMOTE)

Run a remote turn on cable from the switched 12V source. This may be a toggle switch,

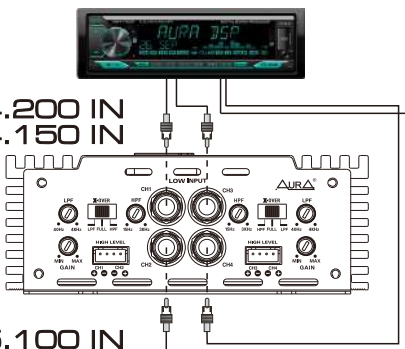
a relay, your source unit's remote trigger cables, or power antenna trigger cable. Connect the remote turn on cable to the REM (remote) terminal.

# RCA INPUT CONNECTION

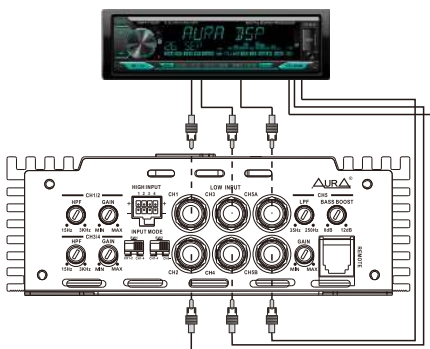
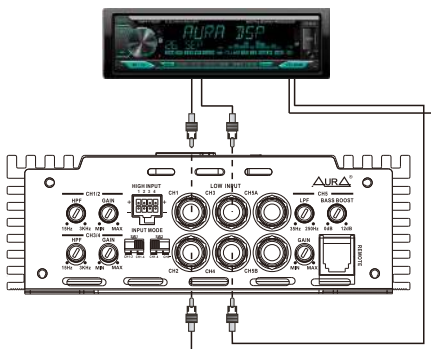
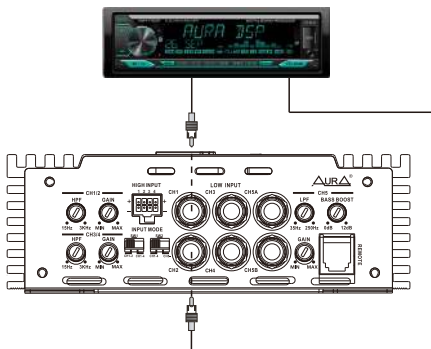
## VENOM-D1000 IN



## VENOM-D4.200 IN VENOM-D4.150 IN



## VENOM-D5.100 IN



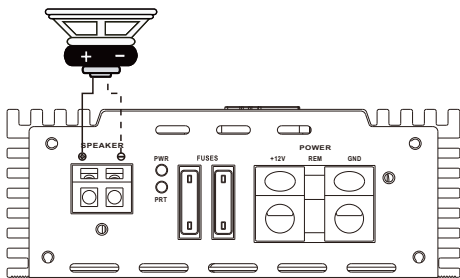
ENG



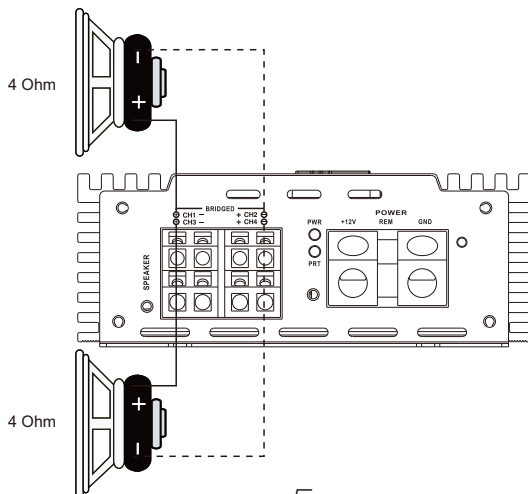
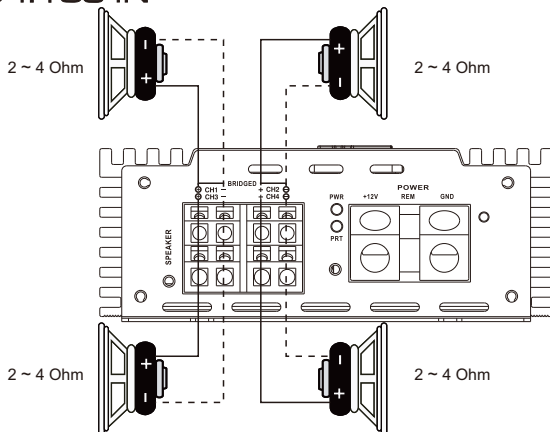
## SPEAKER CONNECTION

### VENOM-D1000 IN

4 ~ 1 ohm



### VENOM-D4.200 IN VENOM-D4.150 IN



ENG



CE EAC

**AURA**®

Follow us on:



[enigmattech.co.in](http://enigmattech.co.in)



[enigmattechnotronicx](https://www.instagram.com/enigmattechnotronicx)



[enigmadigital72](https://twitter.com/enigmadigital72)



[enigmadigitaltechno](https://www.facebook.com/enigmadigitaltechno)



[company/enigma-technotronicx](https://www.linkedin.com/company/enigma-technotronicx)

Enigma Technotronic Pvt Ltd.



A-5, Naraina Industrial Area New Delhi - 110028  
E: [info@enigmattech.co.in](mailto:info@enigmattech.co.in)