

Rebec
CAR AUDIO



D800

Please read manual carefully before installation



Thank you for purchasing and using Rebec products. In order to prevent damage to the device and possible injury, please read this manual carefully and follow all installation steps, so that you can be familiar with each control and function of the amplifier, and can maximize the performance and characteristics of the amplifier, so Rebec products can bring you a pleasant listening experience.

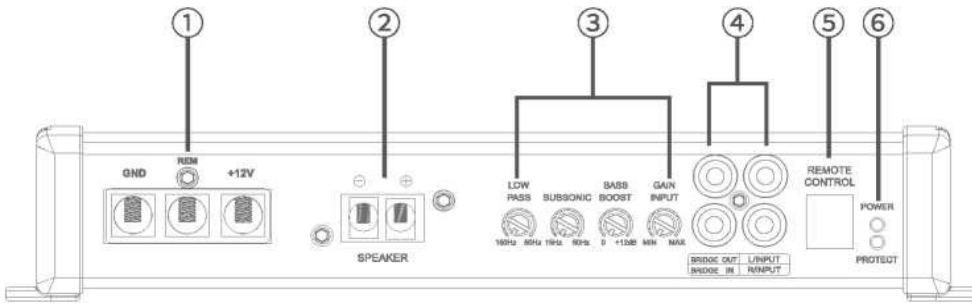
This product has been checked for quality before shipment. In order to obtain proper performance and ensure a comprehensive warranty, it is strongly recommended that the installation of this product be provided by an authorized Rebec dealer.

installation tips:

- It is forbidden to disassemble and modify the product by yourself. Disassembly and modification of the product by yourself may cause accidents, fire or electric issues.
- This product is recommended for use in an automotive environment with a DC voltage range of 12-14.4V. If this voltage range is exceeded, the product may malfunction. • It is recommended to install the power supply and RCA at a distance of at least 20cm apart from the electronic equipment on the vehicle during the installation process to prevent signal interference. • Before wiring, be sure to disconnect the cable from the negative battery terminal, otherwise it may cause a short circuit and cause a fire.
- Do not use the screws and nuts in the brake system during installation and grounding, otherwise the brake system will fail and cause traffic accidents. • When there is no sound, smoke, etc., please stop using it immediately and contact the Rebec dealer in your city.
- Protect the cable to prevent damage caused by pulling or cutting and short circuit.
- The volume should be adjusted within the zero limit of distortion.
- In order to get a safe, professional and reliable installation, please hand over the product to the modified service shop authorized by Rebec and let them install it for you. Warning:

The powerful car audio system can create extremely high sound pressure, similar to the level of real live concerts. Prolonged exposure to excessive sound pressure may cause hearing loss or loss of hearing. In addition, when you listen to audio equipment at high volume, driving a car may reduce your attention to road traffic and the intensity of listening to external sounds, such as horns, warning signals, or emergency vehicles. For the sake of the overall situation and your own safety, it is recommended to listen to music at an appropriate low volume while driving.

Connector and control unit



① Power terminals

GND Connect to car chassis or battery negative terminal ,

REM Connect the amp turn wire on from source

+12V Connect to the positive terminal of the battery. (Remember. Use propriate fuse)

② Speaker terminal ⊖to minus terminal on woofers , ⊕ to positive terminal on woofers

③ Adjustment knobs

LOW PASS deside highest frequensy played by amp , **SUBSONIC** deside lowest frequensu played by amp
BASS BOOSTlevel of bass boost , **GAIN INPUT** level of amplification, must be matched to source

④ RCA inn and output for bridge mode/ RCA L and R input from source

⑤ N/A

⑥ Status indicators

The blue light is normal, and the red light is protection. If the red light is on, the amplifier may be overloaded or work abnormally. Stop using it immediately.

note

The subsonic filter (SUBSONIC) is off by default. If you want to use this function, you need to remove the upper cover of the amplifier and connect the pin to the on state. The schematic diagram is as follows

After removing the upper cover, you can see the words On / Off on the circuit board. The default connection is Figure a; when using this function, connect the pins to the two pins on the left, as shown in Figure b.

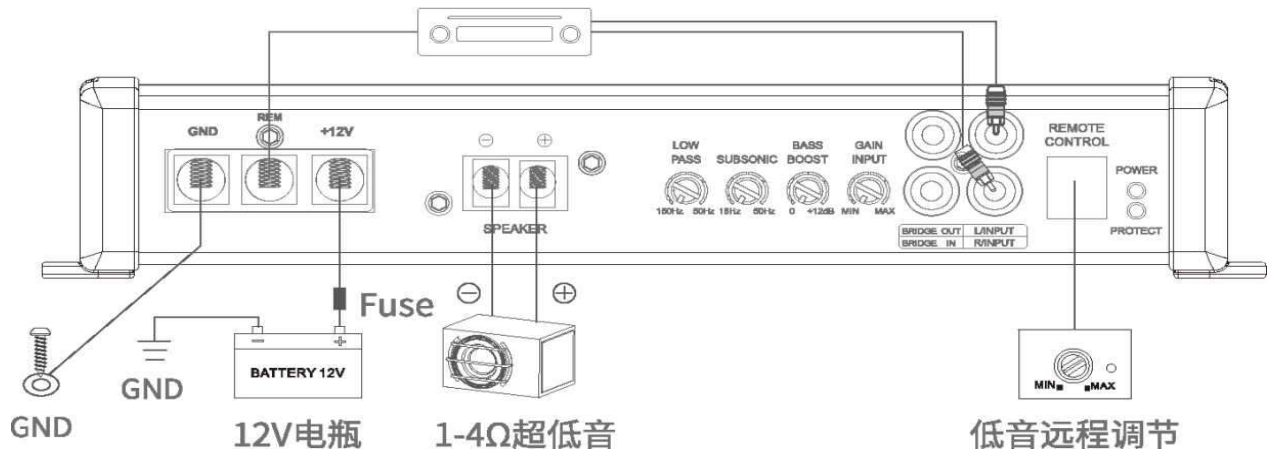


ON/OFF

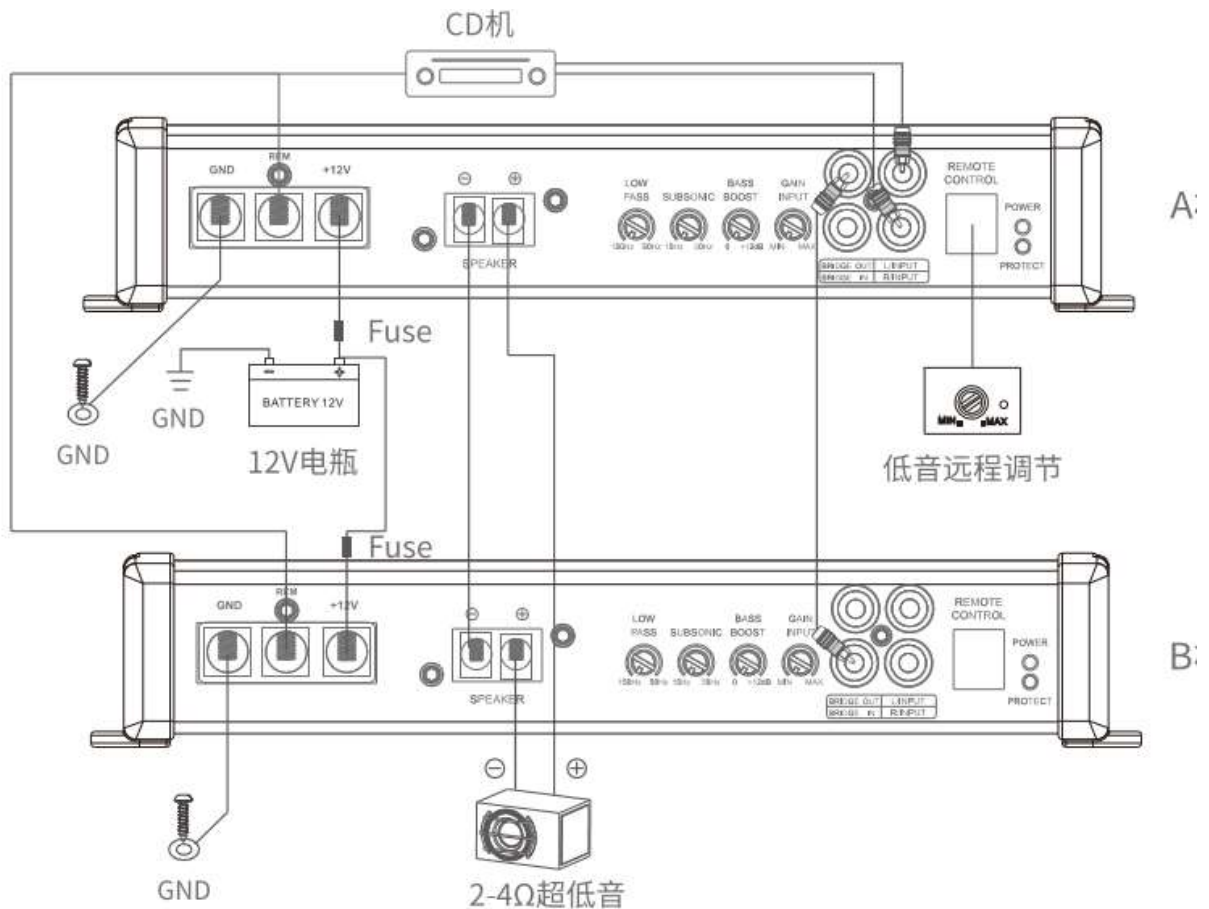


ON/OFF

Normal Installation



Bridge installation



Technical Specifications.

Amplifier Type	Class D
Output PowerRMS	
@4 ohm load	1x350 ≤ 10%THD + N 1X300W ≤ 0.1%THD + N
@ 2 ohm load	1X500W ≤ 10%THD + N
@ 1 ohm load	1X800W ≤ 10%THD + N
Two D800 linked together	
Bridge mode @4 ohm load	1X1000W ≤ 10%THD + N
Bridge mode @2 ohm load	1X2100W ≤ 10%THD + N
Bridge mode @1 ohm load	NO
Input	2x RCA Lowlevel input 1 x RCA (bridged input)
Input level	RCA 0.5V-5V
Output	1 x RCA (bridged output)
Damping factor	>170
Filter on pass trough	NO
Low pass filter	50Hz-150Hz
Subsonic filter	15Hz-50Hz
Distortion	<0.01%
Signal to noice ratio	>92dB(A-weighted)
Frequency responce	20Hz-150Hz
Bass boost adjustment	0dB~+12dB(45Hz)
Input impedance	22kOhms
Voltage range	10V-16V
Idle current	0.5A
Internal fuses	3x25A
Weight	2.3Kg
Size	287x180x70 cm
Internal fuses	3x25A

www.rebecaudio.eu

Rebec
CAR AUDIO