

SPECIFICATIONS:

STEREO (8 OHMS) : EACH CHANNEL 50W , <1% THD+N
STEREO (4 OHMS) : EACH CHANNEL 100W , <1% THD+N
FREQUENCY RESPONSE: 20Hz ~ 20kHz, +/- 3dB
Signal to Noise Ratio : 90dB 100W OUTPUT TO 4 OHMS (20kHz LOW PASS FILTER)
Channel Separation : 50dB @ 1kHz. @ 50W / 8Ω
INPUT SENSITIVITY : 700mV INPUT @ 50W / 8 Ω
BASS/TREBLE CONTROL: +/- 15dB @ 100Hz and 10kHz
N.W : 1.13kg
G. W : PENDING

FRONT PANEL CONTROLS

1. POWER/STATUS INDICATING LIGHT
The green light indicates normal operation, the red light indicates FAULT, and the orange light indicates waveform trimming.
2. POWER SWITCH
Used to turn on or off the power of the power amplifier
3. IR window
Used to receive the infrared signal of the remote control.
4. Volume/source selection control
The encoder is rotated to the left for volume - and to the right for volume +. Press the touch switch of the encoder to switch the sound source, and switch one sound source with each press. Hold press the touch switch of the encoder to restore Factory Settings of power amplifier. In the standby state, press the encoder to tap the switch to wake up the power amplifier.

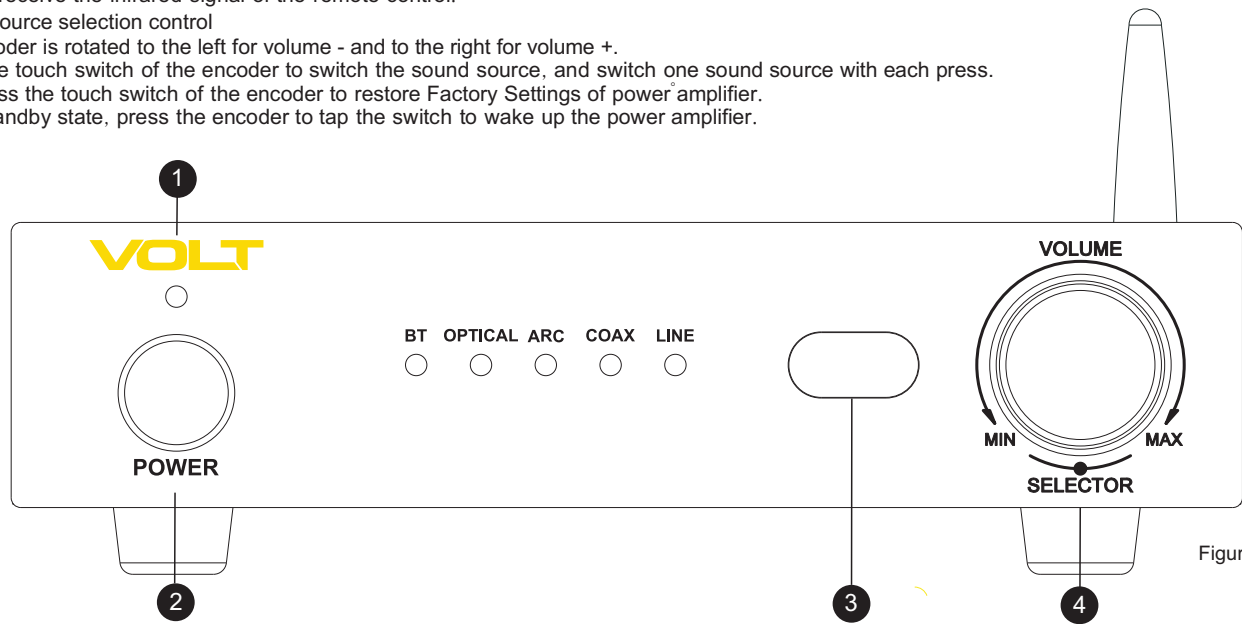


Figure 1. Front Panel

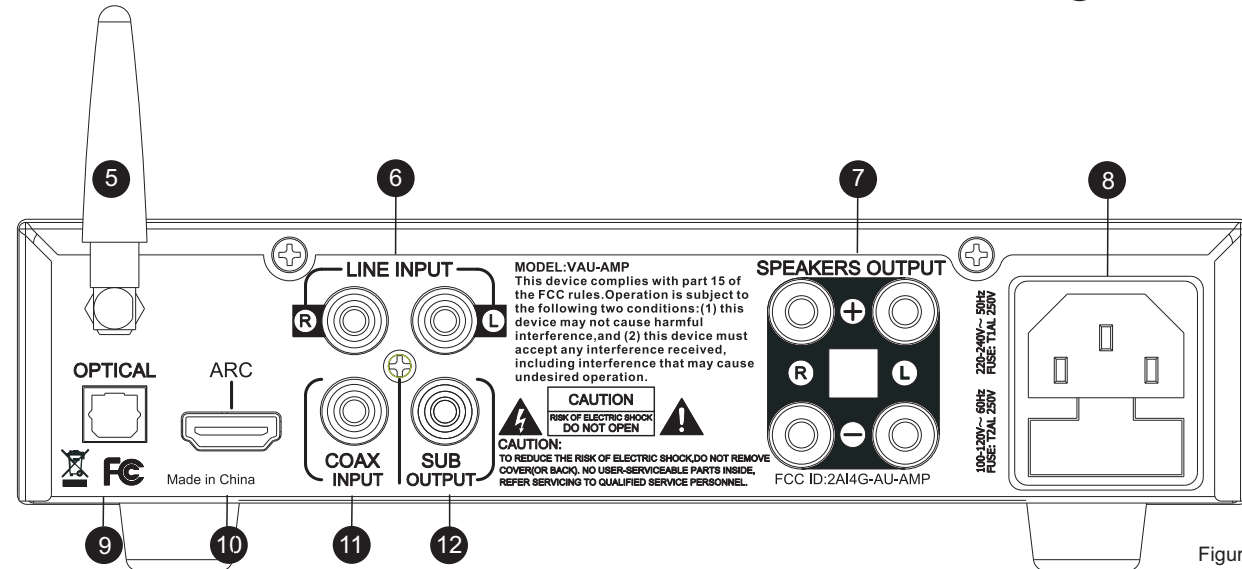


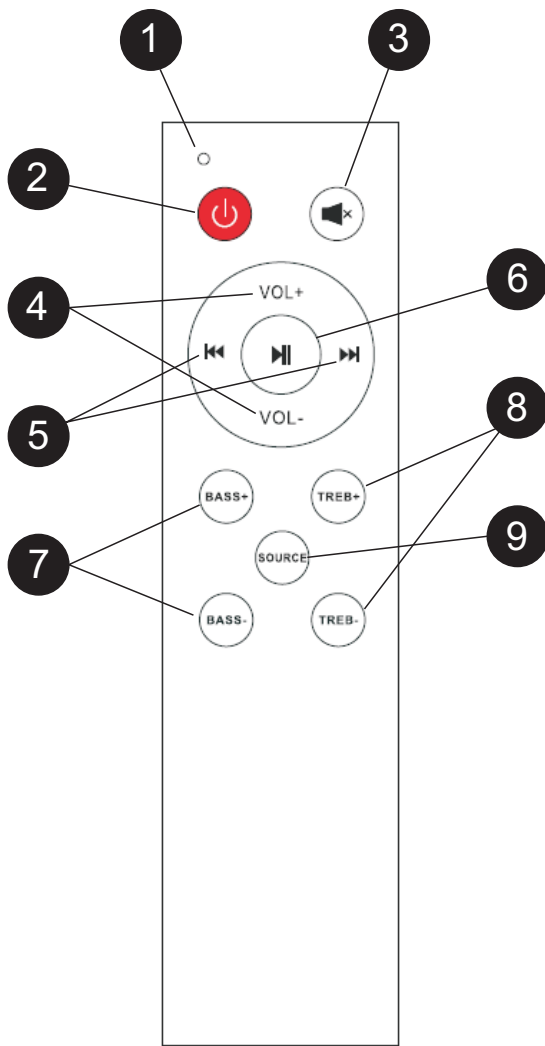
Figure 2. Rear Panel

REAR PANEL CONTROLS

5. Bluetooth external antenna
To maintain the stability of Bluetooth communication, it is necessary to rely on the assistance of external antennas, which will greatly improve the distance and stability.
6. AUX input
Can be connected to CD, DVD, set top box and other audio source with analog audio output devices to achieve music playback.
7. Driver output
Can connect 4 -16 ohms of passive speaker.
8. AC outlet
Support AC 100 - 120V/220 - 240V voltage input, adapt to the power supply voltage of different countries in the world.
9. OPTICAL input
You can connect some devices with OPITC output such as TVS and karaoke machines to achieve sound source playback.
10. ARC input
Some devices with ARC, such as TVS and karaoke machines, can be connected to achieve music playback.
11. COAX input
Some devices with COAX output, such as TVS and karaoke machines, can be connected to achieve music playback.
12. SUB output
Used to connect to an active subwoofer for a stronger bass effect.

The power amplifier has an automatic shutdown function, in the absence of any audio input, it will enter the automatic standby state within 10 minutes. Standby power consumption ≤ 0.5W, you can use the standby button of the remote control or touch the switch through the encoder on the panel to wake up the power amplifier. The power amplifier has power off memory function, power off, power on again, the power amplifier will return to the parameters before the shutdown, such as EQ, sound source and so on.

IR REMOTE CONTROL



IR Remote

1. Power LED Flashing indicator
2. Power Button
3. Volume Mute Button
4. Vol+/Volume -
5. Forward/Rewind
6. Pause/Play Button
7. Bass +/-
8. Treble +/-
9. Source Select Button

1. Wireless BT
2. Optical
3. ARC
4. Digital Coax
5. Line-In

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

CAUTION

RISK OF ELECTRICAL SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL!

EXPLANATION OF SAFETY SYMBOLS

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products' enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

IMPORTANT SAFETY INSTRUCTIONS

- WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL NOT BE PLACED ON APPARATUS.
- WARNING: TO PREVENT FIRE OF SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.
- WARNING: THE MAINS PLUG IS USED AS DISCONNECT DEVICE SHALL REMAIN READILY AVAILABLE.
- WARNING: ONLY USE ATTACHMENTS OR ACCESSORIES SPECIFIED OR PROVIDED BY THE MANUFACTURER.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc. Install in accordance with the manufacturer's instructions.
8. Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. No open flame sources, such as lighted candles, should be placed on the apparatus.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point of exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
16. WARNING: The mains plug/appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.



17. - This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- Warning: to reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

MAGNETIC FIELD: !!CAUTION!! Do not locate sensitive high-gain equipment such as preamplifiers or tape decks directly above or below the unit. Because this amplifier has a high power density, it has a strong magnetic field, which can induce hum into unshielded devices that are located nearby. The field is strongest just above and below the unit. If an equipment rack is used, we recommend locating the amplifier(s) in the bottom of the rack and the preamplifier or other sensitive equipment at the top.