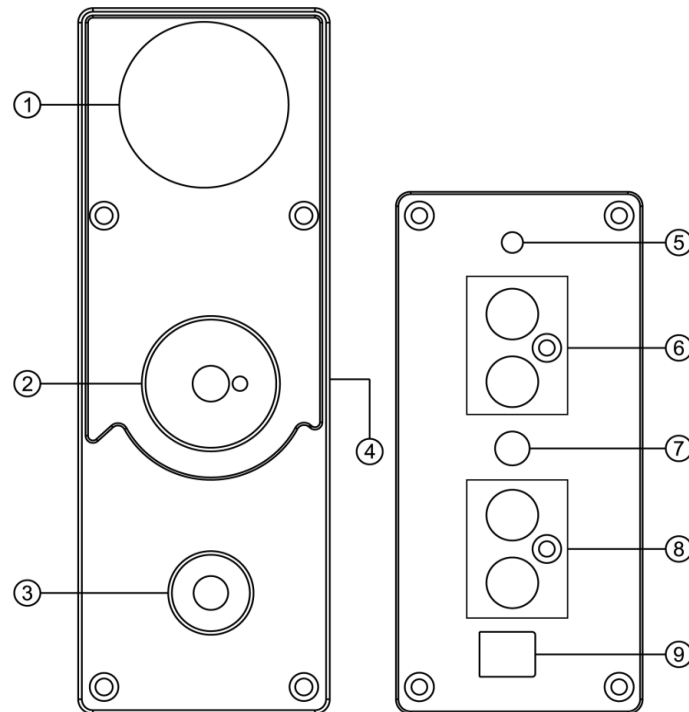


Thank you very much for buying our products! Please read this manual carefully before using the product.

The front and rear panel instructions:



- ① VU Level meter (The pointer swings with the music level)
- ② ON/OFF/Volume increase and decrease knob
(Right rotation: power on, volume up / left rotation: volume down, power off)
- ③ 3.5 headphone output interface (Synchronize with RCA output)
- ④ (MM and MC selection, MC mode impedance matching selection)
- ⑤ Phonograph grounding column
- ⑥ Phonograph input interface (Red / R, white / L)
- ⑦ Aux input interface (It can connect to CD player, mobile phone, computer, etc)
- ⑧ RCA output interface (Red / R, white / L)
- ⑨ Power interface (DC 12V)

operation steps:

1. Install the tube into the base of the tube according to the direction
(the tube is not distinguish between left and right, check whether the pin is deformed before installing the tube, and the deformation can be corrected by hand).
2. Connect the back-end power amplifier to the RCA output interface of the product.

3. Connect the sound source to be used to the input interface of the product (when the aux sound source is connected, it will automatically switch to the aux channel. When the aux sound source line is pulled out, Automatically switch to phonograph channel).
4. Select gramophone, MC or mm mode to play.
5. Connect the power supply and start the machine. Turn the on / off knob to select the required volume.
6. Connect the required 3.5 headset to the product's headset output port (the headset outputs in sync with the RCA).
7. After use, turn the switch knob to the left to shut down.

specifications parameter:

Output level	1.5V	Input sensitivity	0.775V
Working voltage	DC 12V	SNR	≥ 110dB
Frequency response	20Hz-20KHz(±0.3dB)		
THD	0.2%	Packing weight	0.99kg
Maximum output power of the headset	150mW	packaging size	L300*W230*H65mm

common problem:

Q : All my wires are connected, but there is no sound output?

- A : 1. Check whether the pointer of the switch knob is in the leftmost state. Check whether the electronic tube light is on after starting the machine, and the fault still exists, power supply of equal voltage (must be DC 12V) can be replaced and retested.
1. Such as tube The lamp bright, In the boot state, you can pull out the power supply at this time, pull out the electron tube to see whether the electron tube pin is inserted crooked, if there is crooked, with the hand dial after the good hole and then inserted into the electron tube seat.
 2. If both of the above are normal, check whether the input player is paused, muted, or at minimum volume.

Q : Why does the sound is cracking ?

A : This product is a Preamplifier product and can also amplify. If the volume of the Preamplifier equipment is adjusted to the maximum and the power amplifier equipment is also adjusted to the maximum, it is easy to distort. At this time, you only need to turn down the volume of the Preamplifier or power amplifier equipment ok.

Q : why does the horn make a loud current sound?

A : If you are not using the original factory standard power supply, please replace the power supply before testing. Many power supply in the market have large interference coefficient, which will cause a lot of current sound.

Q : why do I not connect the sound source after I plug in the input line, and the speaker will have a great buzz?

A : 1. If you use unshielded signal lines, there will be interference signals entering the power amplifier. If you hate the sound, you are advised to use the shielded signal lines or unplug the signal lines.

2. Check whether the ground of the record player is well connected. If the ground wire is not well connected, there will be a lot of noise.

Q: Why do I use the phonograph MC or mm mode input, and it has no sound?

A :Check whether the AUX port is still plugged in. If so, the phonograph will not sound. You must unplug the input line of the aux port.

Q : why does tube front grade buy to begin to listen to sound very hard, the frequency response is not very clear, but after working a day normal?

A : the electron tube is a sensitive device, the temperature generally must reach a degree to play the best effect, So the general boot preheat about half an hour sound is very natural.

Q : can I update the tube?

A : Yes, at present, we have tested and matched 6K4/6J4/GE5654/6*1N, which can be directly replaced with different tube The sound will be very different.

Q : can I replace the vacuum tube by direct unplugging?

A : No, it is very easy to burn out the electron tube, because the machine is working under high pressure, hot plugging the electron tube is possible Damage the machine.

Warning:

1. Please do not open the shell without permission, Improper operation may cause the danger of electric shock.
2. Please use the power supply of the regular manufacturer, otherwise there will be the risk of damage to the machine.
3. When unplugging the input / output cable, please cut off the power before operation, otherwise the impact sound may damage your speaker.
4. Do not replace the mismatched tube model, or your tube and machine will be burned.
5. Do not use the machine under high temperature and humidity.