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Q & A

① **All my wires are connected. Why is there no sound?**
1. Check whether the machine is turned on and whether it has switched to the correspondinginput channel.
2.Check whether the back-end connection is correct and whether the volume is in the minimum state.3. If all the above are normal, check whether the input playback device is silent，paused，or the volume is at its minimum.

② **Why can't I search for bluetooth pairing names?**
Due to the design of this machine,bluetooth does not work when using other channels for input.You just need to switch the input to Bluetooth mode.

③ **Why does the sound break?**
Although this product is the front stage of DAC, it also has the function of amplification. If the volume of the rear stage device is turned up to the maximum, the volume of the front stageis also turned up to the maximum, which is easy to distort. At this time，you just need to turndown the volume of the front stage or the rear stage.

④ **Why is there a lot of electrical noise from the horn?**
If you are not using the original standard power supply，please replace the power supply andtest again.Many power supply ripple interference factor is large will cause a lot of current sound.

⑤ **Why does the speaker make a loud buzzing sound when I plug in the input cord and don't playthe audio source?**
when the signal line without shield is used,the interference signal will enter the poweramplifier for amplification. Replacing the signal line with shield can effectively solve theinterference sound,or unplug the signal line.

Warning !

1. Do not open the shell without permission. Improper operation may damage the machine or cause electric shock.
2. please use the regular manufacturer of switching power supply, otherwise there will be the risk of damage to the machine.
3. Please do not change the vacuum tube at will, or it will burn out your vacuum tube or machine.
4. Do not put the machine in a high temperature or humid environment.

AIYIMA® AUDIO

Bluetooth 5.0 TUBE 6N3
Headphone Preamplifier

USER MANUALS

Model: T8

Panel introduction
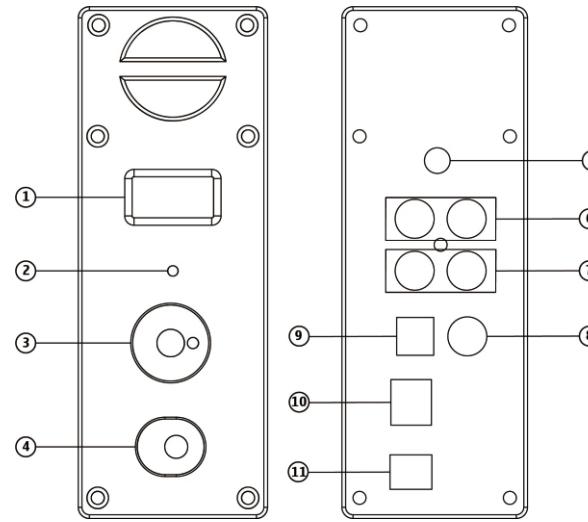
1———OLED Display

2———IR

3———(1) Short Press:
    * Power ON
    * Input Mode Select
    (2) Rotary Button: Volume Adjustment
    (3) Long Press: Power OFF
    (4) When the Headset and RCA output are connected at the same time:
    * Double-click the button (Press it twice continuously) to switch to the
    state of simultaneous output of the headset and RCA;
    * Double-click again to switch back to the individual headphone output.

4———3.5mm Headphone Output(Priority)

5———Bluetooth input

6———Audio output

7———Audio input

8———COA input

9———OPT input

10———PC-USB input

11———Power input(DC 12V)

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Parameter

Chip	SA9123L+ES9018+OPA1656+NJW1194+QCC3031+6N3+MAX9722
PC-USB supports sampling rate	192K
Distortion	RCA: 0.2%/HP: 0.003%
PC-USB support operating system	XP/W7/W8/W10/MAC/linux
Signal to noise ratio	RCA: 108dB/HP: 106dB
Headphone impedance	16~300Ω
Operating Voltage	DC 12V
Maximum output power	RCA:1.9V/HP: 120mW@32Ω
Output sensitivity	2V
Frequency response	20Hz~20kHz(±0.5dB)

Operation steps

① Connect the audio source you need to use to the audio source input interface (switch the input channel to Bluetooth input when connecting bluetooth)

② Connect the back-end equipment that needs external connection to the audio source output interface (such as power amplifier，active speaker,etc.)

③ Connect power supply (DC voltage shall not be higher than 12V)

④ Press the encoder knob to start the machine.

⑤ Short press the knob to switch to the corresponding input channel to be used.

⑥ Turn the knob clockwise to select the desired volume.

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PC-USB 0peration instructions

① Connect the PC-USB interface to the computer with the USB cable configured by factory (USB supports hot plugging).
② Press the encoder knob to switch to PC-USB input.
③ As shown in the figure, find the icon with horn symbol in the lower right corner of

④ Right click the pop-up dialog box and click 【Playback devices】
⑤ Select the USB device recognized by PC from the pop-up dialog box (automatic IDENTIFICATION of NATIVE USB; manual installation of driver is not required).
⑥ Click the recognized digital output and set it as the default.

Remote Instruction
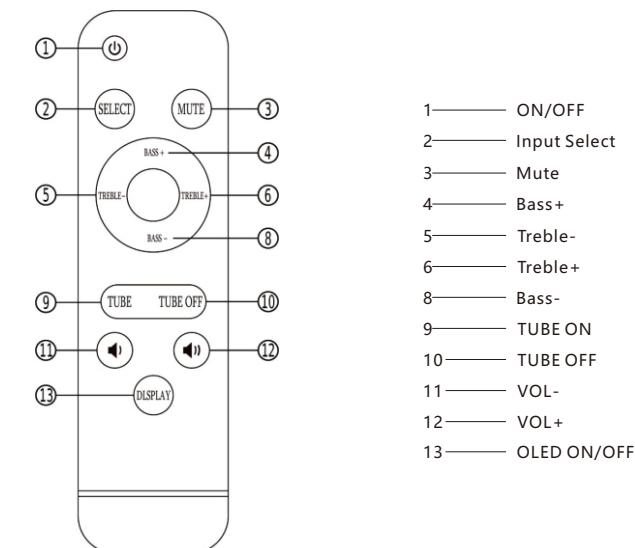
1	ON/OFF
2	Input Select
3	Mute
4	Bass+
5	Treble-
6	Treble+
8	Bass-
9	TUBE ON
10	TUBE OFF
11	VOL-
12	VOL+
13	OLED ON/OFF

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