

AIYIMA[®] AUDIO

**Bluetooth 5.0 Headphone Amp
Decoding Preamplifier**

USER MANUALS

Model: T6 PRO

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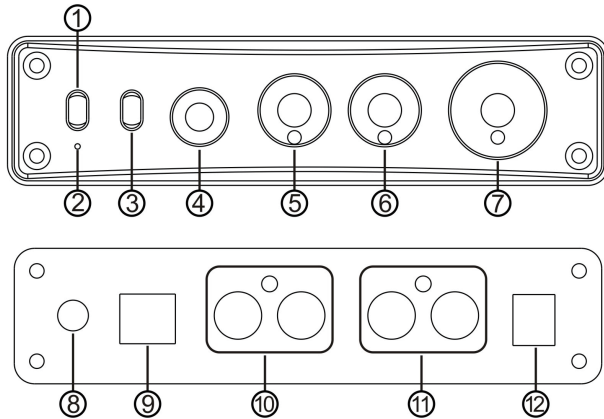
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Front And Rear Panel Description



- ① ————— Power Switch
- ② ————— Power Led
- ③ ————— Bluetooth /PC-USB/RCA input selective switch
- ④ ————— Headphone amplifier output port
- ⑤ ————— Bass Knob (increase clockwise and decrease counterclockwise)
- ⑥ ————— Treble Knob (increase clockwise and decrease counterclockwise)
- ⑦ ————— VOL+/- (increase clockwise and decrease counterclockwise)
- ⑧ ————— Bluetooth RF
- ⑨ ————— PC-USB input jack
- ⑩ ————— Audio In (Such as CD、DAC、 Mobile、 TV etc、 (Such as CD, DAC decoder, mobile phone, TV, etc., red to right channel input, white to left channel input)
- ⑪ ————— Audio Out (Such as amplifier, Earphone amplifier, active speaker, red to right channel input, white to left channel input)
- ⑫ ————— Power Plug (DC power can't beyond 12V)

Operation Steps

1. Make sure the VOL turns to the minimum
2. Install the tube into the base of the tube according to the direction (the tube is not left or right, check whether the pin is deformed before installing the tube, and the deformation can be corrected by hand).

3. Connect the sound source that needs to be used (When connecting to bluetooth, you need to turn the input selection switch to bluetooth input)
4. Connect the external post equipment to the audio source output interface.
5. Connect the DC12 power supply
6. Turn on the power switch
7. Rotate the knob clockwise to select the desired volume

PC-USB Operation Instructions

1. Connect the PC-USB interface of the rear surface of the machine with factory provided USB cable (USB can support hot plug)
2. Press the input signal selection switch to select USB input.
3. The following photo shows the icon with horn symbol in the lower right corner of PC



4. Right click to pop up the dialog box and click <choose play device.
5. Select the playback device recognized by PC in the pop-up dialog box (USB of this machine is automatic identification, no manual installation and drive).
6. Click to confirm the identified digital output.

Specifications

PC-USB input Sampling Frequency	192K/24Bit	THD	0.1%
PC-USB System Supported	XP/W7/W8/W10 /MAC/linux	Bluetooth VER	5.0
Headphone Matching Impedance	32-300Ω	SNR	≥98dB
Headphone Maxpower Output	160mW (32Ω load)	Working Voltage	DC12V
Bass & Treble Range	±6dB	Package Size	0.81kg
RCA Output Level	2V		
Frequency Range	20Hz-20kHz(±3dB)	Package Dimension	L300*W220*H70mm

Frequently Asked Questions

Q:Ables are connected, but no sound output?

- A: 1. Check the POWER indicator is on, press the POWER button if the light is still off. At this point you can find a same output voltage power supply (must 12V) to check if the machine or power supply failure.If the POWER indicator light is on, check whether the corresponding input signal is selected correctly.
2. If the indicator light is on, check whether the VOL knob is in the minimum position. If so, turn clockwise to normal Volume
3. If both of the above are normal, check the input device if it is paused, mute, or the volume is minimized

Q: Why does the sound is cracking?

- A: This product is for the tube preamp, but also can be used as preamp, If post equipment is max volume & preamp too, it's easy to distortion, you just need to turn down the volume of the equipment, then ok.

Q: why does the volume of the machine stay the same, while the sound of different audio sources (such as CDS and mobile phones) is different?

- A: The output range of different types of audio source devices is different, the mobile phone is usually 0.35V, and the CD is 1V.The signal output amplitude of the sound source will directly influence the volume

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Q: Why do loudspeakers make a lot of electric noise?

- 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 the speaker has drone when I just plug in the input cablebut don' t connect the sound sources ?

- A: 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.

Q: Why the sound is very hard at the beginning, the 3 frequencies is not very clear, but normalafter a day use?

- A: The tube is a very sensitive device with good effect once the temperature should reach a degree commonly, normally about half an hour later the voice is very natural.

Q: Can I update the tube?

- A: yes, we have tested and matched 6J1/6J1/6j4 / GE5654/6ak5/6*1n in our factory. It can be replaced directly. The sound will be different with different tube.

Q: Can I replace the tube without power off ?

- A: no, it is very easy to burn the tube, because the machine works under high voltage and the hot plug will damage the tube & machine, also will hurt the people

Q: Can this machine connect to the phonograph/phonograph?

- A: At present, this model does not support the signal,input of the phonograph/gramophone because the output signal amplitude of the phonograph/gramophone is small, so it needs to increase the phonograph amplifier.

Q: Why there is no sound when PC-USB connects to PC?

- A: First press the PC-USB operation to confirm whether the digital playback output has been selected. If still no sound, you can restart the computer and repeat the operation again.

Q: why is it that all my wires are plugged in, but the RCA analog output is silent?

- A: at this point, you should check whether the earphone output is plugged into the earphone or the earphone adapter. If so, you should unplug the earphone or adapter to simulate the RCA output.

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 it will damage the machine.
3. Please do not use the machine in a high temperature and humidity environment.
4. Please don' t replace the tube when the power on, otherwise the tube & machine will be damaged.
5. Please don' t use the non-matched tube, otherwise the tube & machine will be damaged.