

AIYIMA[®] AUDIO

**Bluetooth 5.0
2.1 Channel Tube Amplifier**

USER MANUALS

Model: T9

Shenzhen Yima Technology Co.,Ltd

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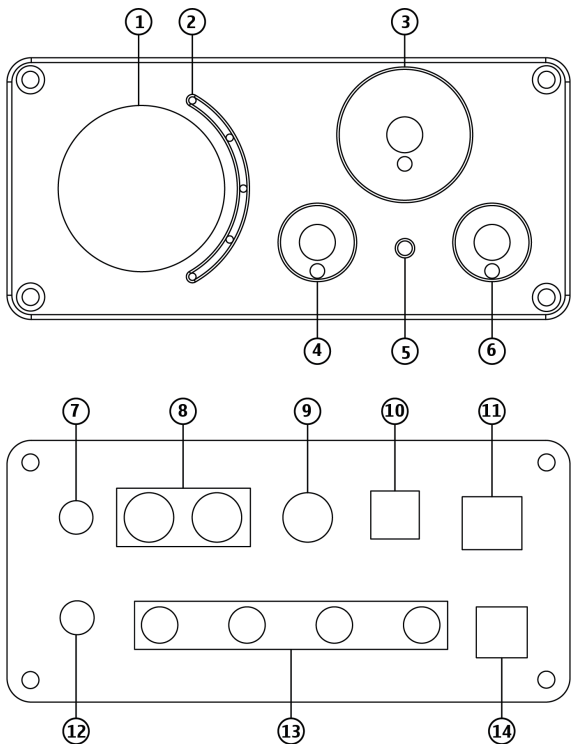
Location: 4F, Building 7 Hekan industrial park. Wuhe south road 41. Long-Gang district.

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Front And Rear Panel Description



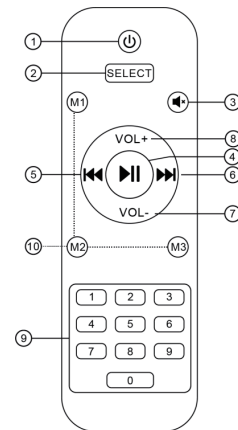
- ① ——— VU level meter
- ② ——— Function indicator light
- ③ ——— Encoder knob (short press to start up/short press again to switch input channel/rotate to adjust total volume/long press to shut down)
- ④ ——— Bass knob
- ⑤ ——— Remote control receiving window
- ⑥ ——— Treble knob
- ⑦ ——— Bluetooth antenna base
- ⑧ ——— Analog RCA input (phone, computer, CD player, etc.)

①

- ⑨ ——— Coaxial input
- ⑩ ——— Optical fiber input
- ⑪ ——— PC-USB input
- ⑫ ——— Stereo Out
- ⑬ ——— Speaker output (red connection +/ black connection -, R connection right speaker /L connection left speaker)
- ⑭ ——— Power interface (DC voltage shall not be higher than 30V)

Remote Control Function Description

- ① ——— On/off key
- ② ——— Input channel selection key
- ③ ——— Mute
- ④ ——— Play/pause
- ⑤ ——— Previous song
- ⑥ ——— Next song
- ⑦ ——— VOL-
- ⑧ ——— VOL+
- ⑨ ——— This product has no function
- ⑩ ——— This product has no function



Operation Steps

1. Install the electronic tube delivered with the product into the electronic tube base according to the direction (the electronic tube is not divided into left and right. Before installing the electronic tube, check whether the pin is deformed. If it is deformed, it can be corrected by hand).
2. Connect the audio source you need to use to the audio source input interface (switch the input channel to Bluetooth input when connecting Bluetooth).
3. The passive speaker to be used is connected to the speaker interface (red connection +/ black connection -, R connection right speaker /L connection left speaker).
4. Connect to DC power supply (DC voltage shall not be higher than 30V).
5. Short press the encoder knob to start the machine, and then short press the encoder knob again to switch to the corresponding input channel.
6. Turn the volume knob clockwise to select the required volume and treble and bass volume.

②

PC-USB Operation Instructions

1. Connect the PC-USB interface to the computer with the USB cable configured by factory (USB supports hot plugging).
2. Briefly 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 device].
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.

Specification Parameters

Max Power Output	100W *2 (4Ω)	Bluetooth Version	5.0
Speaker Impedance Matching	4-8Ω	Frequency Response	20Hz-20kHz(±3dB)
PC-USB Supports Sample Rate	96kHz/24Bit	THD	0.07%
Coaxial Supports Sample Rate	192kHz/24Bit	SNR	≥98dB
Optical Supports Sample Rate	192kHz/24Bit	Working Voltage	DC18-30V
PC-USB Supports Operating system	W7/W8/W10/MAC/Linux	Packing Weight	1.3kg
Treble And Bass Adjustment Range	±6dB	Packing Size	L290*W240*H90mm

Common Problem

Q: I have all the wires connected, but no sound output?

- A: 1. Check whether the machine indicator is on. If not, press the on key to start the machine. After pressing the start button, the indicator is still not on. At this time, you can find a power supply with the same voltage output for retest.
2. If the indicator light is on, check whether the VOL knob is in the minimum state; if it is in the minimum state, turn the volume knob clockwise to normal.
 3. If the above two points are normal, check whether the playback device of input audio source is paused, mute or at the minimum volume.

Q: Why is the sound distorted?

- A: The input signal level may be too large. If the volume of the machine is adjusted to the maximum and the input source is also adjusted to the maximum, it is easy to be distorted. At this point, you only need to reduce the volume of the machine or the input source.

Q: Why does the volume remain the same when connecting different sound sources (such as CDs and mobile phones), but the volume is different?

- A: The output level varies from device to device. For example, a mobile phone is usually 0.35V and a CD is 1V. Natural sound levels are different.

Q: Why is there a lot of electrical noise from the loudspeaker?

- A: If you are not using the original standard power supply, please replace the power supply and test again. Many power sources in the market have a large disturbance coefficient, which will cause a large current sound.

Q: Why does the speaker make a loud buzzing sound when I plug in the input cord and don't connect the audio source?

- A: When the signal line without shielding is used, there will be interference signals entering the power amplifier for amplification. It is recommended that you replace the signal line with shielding or unplug the signal line.

Q: Can this machine be connected to a phonograph / record player?

- A: At present, this device does not support phonograph/ record player signal input, because the output level of phonograph/ record player is very small, need to add a phonograph amplifier.

Q: Why can't I search for Bluetooth pairing names?

- A: 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.

Warning

1. Please do not open the shell. 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.