

## Warm Tips

1. The bias and gain of two 6E2 tubes are set well before shipping, please pay attention to the R/L channel markings on the tubes, don't insert them wrongly during installation.
2. 3.5mm headphone jack with priority, please make sure the headphone has been disconnected if you want RCA output.
3. Pluggable tube socket design, convenient to be replaced by 6K4, EF93, 6BA6, W727 etc. to enjoy tube sound of different styles.
4. 6E2 tubes display the level of input signal, so its beating amplitude won't change if adjusting the volume of T9.
5. T9 is a preamp not a power amplifier, needed to work with amplifiers or active speakers.

## Features

- Vintage vacuum tubes to provide double enjoyments: add magic eye 6E2 tubes to show the signal level dynamically, the color is pure with high brightness, also with switchable cold green and warm orange backlights, wonderful visual feast can be attained; default 6A2 tubes to improves everything associated with music, sounds warm and natural, full and mellow, amazing auditory carnival for your ears.
- T9 tube preamp with Phono and RCA inputs:
  - ◆ Phono input, support both MM /MC cartridges with one button to switch, convert phono signal to line level signal, low-noise integrated circuits and high-quality components to ensure clear sound.

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- ◆ Stereo L/R RCA input, amplify the low level audio signal from your phone, tablet, PC, MP3 etc., easier to drive amplifiers or active speakers and greatly improve their sound quality.
- 3.5mm headphone output and tone control: besides stereo RCA output also with independent 3.5 mm headphone amp circuit, easily to drive all 16-300Ω headphones. More delicate and smooth sound with rousing highs and deep lows can be enjoyed by adjusting the treble / bass knob, rejuvenating your audio system.
- Attractive looking and powerful design: all metal case and CNC aluminum panel with good shielding performance to avoid external interference. Solid and durable knurled knob, all I/O interfaces are gold-plated to ensure the tight and smooth transmission of the original audio signal to minimize the loss of the signal.

## How to use

1. Insert all tubes into the corresponding sockets of T9 tightly and carefully. (Please note that 6E2 tubes need to be distinguished between L / R: L to left channel, R to right channel.)
2. Connect an amplifier or active speakers to the RCA output of T9, a headphone also can be connected to its headphone out. (3.5mm headphone jack with priority, please make sure the headphone has been disconnected if want RCA output.)
3. Connect to the audio input:
  - PHONO IN:

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Connect the phono output of turntable to the phono input of T9, select MM or MC mode according to the type of your phono cartridge.

### ● RCA IN:

Connect the analog output of audio source such as MP3, phone, CD player, computer etc. to RCA input of T9 via high-quality cable.

4. Toggle the input switch on the front panel to select the PHONO or RCA input.
5. Connect the power adapter to T9 and then plug the power cable into the socket, and then press the power button to power on.
6. Rotate the knobs to adjust treble, bass and main volume according to your preferences and enjoy music. You can also turn on/off or switch the backlight color(Orange/Green) of tubes by toggling the light switch.
7. After use, please press the power switch first and then disconnect the power adapter.

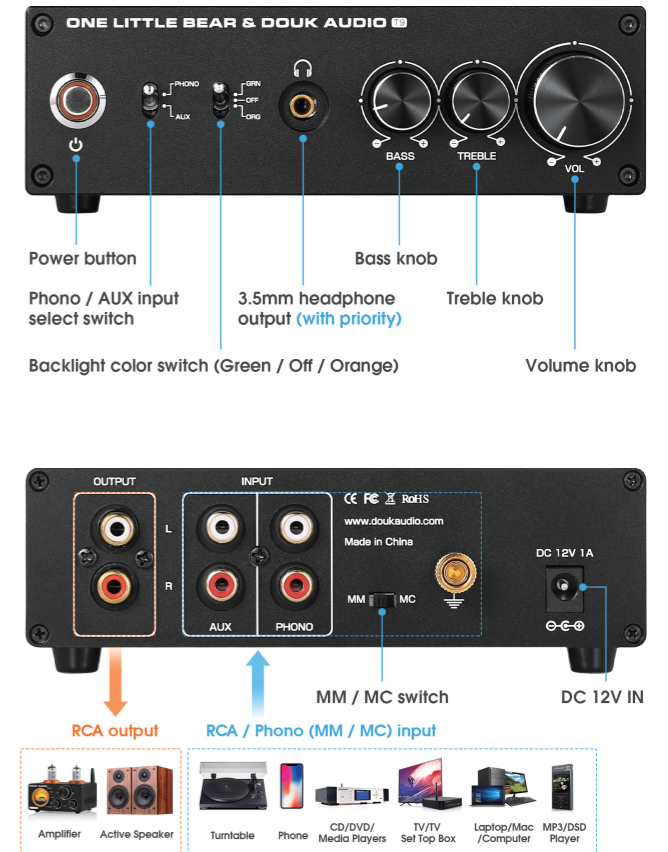
## FAQ

Q: Why there is a loud noise when using a phonograph as audio input?

- a): Check whether the GND of phono is correctly connected to the GND of T9;
- b): Check whether the MM/MC switch is in the correct position, most phonographs equipped with MM cartridges.
- c): Some class D amplifiers will output a loud noise if connecting to the phono preamp, so it is recommended to use class T amplifier or analog amplifiers such as tube amplifiers or AV amplifiers.

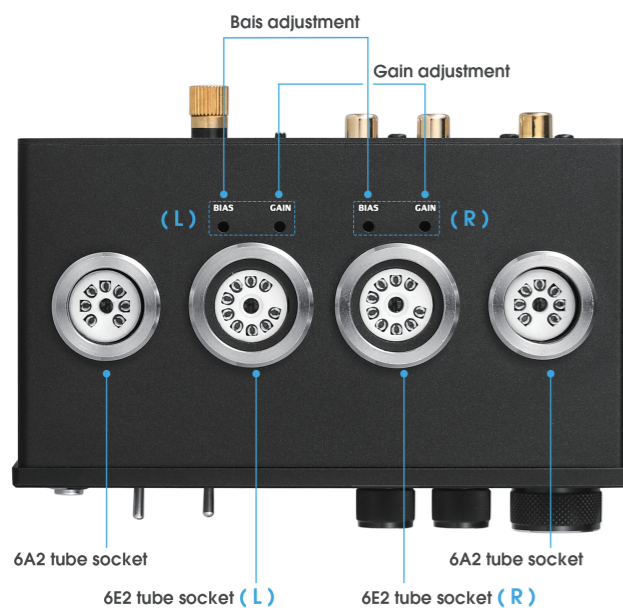
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## Front and rear panel



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- The bias and gain parameters of two 6E2 tubes are generally adjusted before delivery, so there is no adjustment required upon receipt. Recalibration is only required when you replace new 6E2 tubes.
- Because the parameters of each 6E2 tube are different, the left and right channels have been paired before delivery. Before installation, please pay attention to the markings on the 6E2 tubes, don't install them wrongly.



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## Parameters

- Audio input: Stereo RCA / Phono MM/MC
- Audio output: Stereo RCA / 3.5mm Headphone Jack
- Headphone impedance range: 16-300Ω
- Headphone output power: 250mW@32Ω / 100mW@64Ω / 60mW@128Ω
- RCA IN:
  - Input level: 0.775V RMS
  - Output level: 1.5V RMS
  - Input impedance: 100K ohm
  - SNR: >106dB
  - Frequency response: 20Hz-20KHz (±0.5dB)
- PHONO IN:
  - Input level: 0.005V RMS (MM) / 0.0005V RMS (MC)
  - Output level: 0.6V RMS
  - Input impedance: 47K ohm (MM) / 330ohm (MC)
  - SNR: >80dB
  - Frequency response: Ref to RIAA ±2dB
- THD: <0.1%
- Tube: 2×6E2; 2×6A2
- Treble / Bass range: ±10dB
- Backlight Color adjustable: GREEN/ORANGE/OFF
- Working voltage: DC 12V(>1A)

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- Package weight: 1.0kg / 2.20lb
- Package dimensions(W\*D\*H): 154\*87\*47 / 6.06\*3.43\*1.85in
- Packing List:
  - 1\*T9 Preamp
  - 2\*6E2 Tube
  - 2\*6A2 Tube
  - 1\*DC12V Power Supply
  - 1\*User Manual

## Contact information

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