

## Introduction

U10 mini headphone amplifier, with stereo 3.5mm AUX and RCA inputs and dual headphone jacks (3.5/6.35mm) output up to 1100mW, easily to drive all 18-600Ω headphones; Innovative built-in voltage boost circuit, U10 always works at a high voltage of 24V even only powered by DC 5V, 2PCS 6A2 tubes are adopted to soften and warm the audio, both tubes and op amps use pluggable sockets, convenient for tube rolling, op amp upgrading and sound-shaping.

## Warm Tips

1. Not include power adapter, recommend to use original high-quality power adapter (DC5V/≥2A ). U10 won't work normally if the current below 2A.
2. Inputs (3.5mm / RCA) and outputs (6.35mm/3.5mm jack) are connected in parallel, in other words, all inputs and outputs work simultaneously. Don't connect 3.5mm and RCA inputs at the same time, or else audio signals will be mixed.
3. Pluggable tube socket design, 6A2 can be replaced by the following models: 6J1, 6Ж1П, 6AK5, 6BC5, 403A/B, 5654, EF40, EF95, CV850, 6J2, 6Ж2П, 6AS6, CV2522, EF11/732, CV4011, 6J3, 6Ж3П, EF96, CV848, 6BC6, 6AG5, 6J4, 6Ж4, 6136, 6BX6, 6AC7, EF94, 6AU6, 6K4, 6K5, 6K4П, 6BA6, 6DA6, EF89/93, 5749.
4. U10 can easily drive all headphones even with high-impedance such as HD580/HD600/HD650/K701/K702/Q70 /DT880/T70/T90/ SR225/SR325/RS1e etc.

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## How to Use

1. Connect the power adapter and U10 via the default USB to DC cable firstly, then insert power adapter to the socket.
2. Connect 3.5mm or 6.35mm headphone to the output of U10.
3. Correctly connect your audio source to the corresponding inputs of U10 amp with high-quality 3.5mm AUX cable or RCA cable.
4. Clockwise rotate the main knob to turn U10 on.
5. Play music on your audio source, you can turn up or down volume via volume knob.
6. After use, please anti-clockwise the knob to the leftmost end until U10 is turned off, then disconnect the power adapter.

## Parameters

Brand: Douk Audio  
 Model: U10  
 Audio input: 3.5mm AUX / Stereo RCA  
 Audio output: 3.5mm / 6.35mm headphone jack  
 Frequency response: 20Hz-30KHz  
 Output power: ≥1100mW (32Ω)  
 Matched headphone impedance: 18-600Ω  
 Signal to noise ratio: ≥110DB  
 Input voltage: DC 5V (≥2A)  
 Working voltage inside: DC 24V  
 Net weight: 200g / 0.44lb  
 Dimensions (W\*D\*H): 95mm\*69mm\*30mm / 3.74in\*2.72in\*1.18in

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## Contact information

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## NS-08E Front and Back Panel



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## Introduction

NS-08E headphone amplifier is specially designed for the audiophile, with 3.5mm AUX input and output up to 1100mW, and easily drives power high-performance headphones(18-600Ω). Adopts 6J3 tubes, the sound is warmer and softer, also with more brilliant treble, more powerful bass and a quieter background.

## Warm Tips

1. This is tube headphone amplifier that can greatly improve the sound quality for headphones, but also can be used as tube preamp, its 3.5mm headphone jack also can connect amplifier or active speakers.
2. Default 6J3 vacuum tubes, also can be directly replaced by the following models 6J1, 6Ж1П, 6AK5, 6BC5, 403A/B, 5654, EF95, CV850, 6J2, 6Ж2П, 6AS6, CV2522, CV4011, 6J3, 6Ж3П, EF94, CV848, 6BC6, 6AG5, 6J4, 6Ж4, 6136, 6BX6, 6AC7, 6AU6, 6J5, 6Ж5П, CV2521, 6F36, 6AH6, 6AN5, 6K4, EF93, 6K5, 6K4П, 6BA6, 6DA6, 5749.

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## How to Use

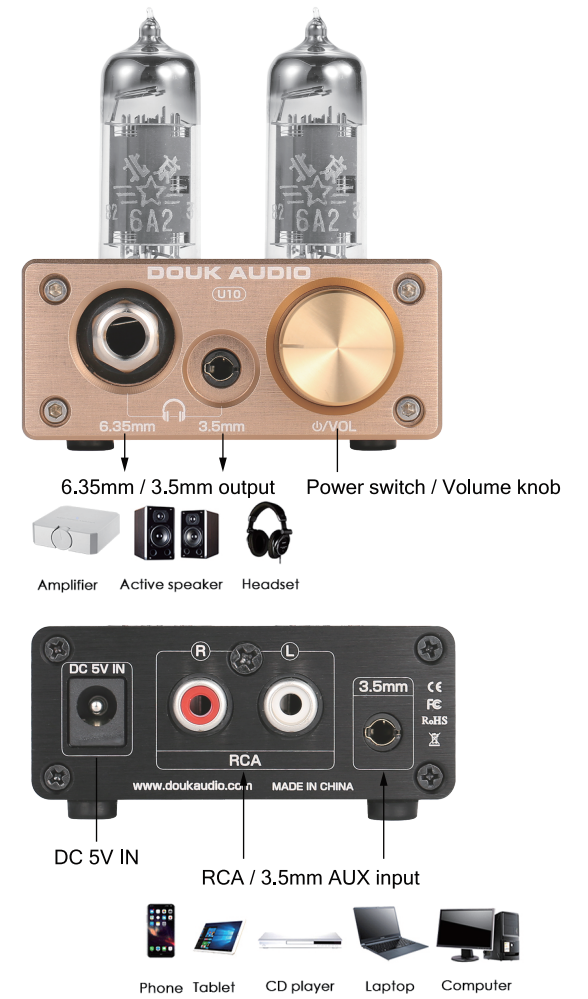
1. Connect audio source such as phone, MP3, TV, tablet, computer, CD player etc. to 3.5mm AUX input of NS-08E, and connect headphone or power amplifier or active speaker to its 3.5mm output. Recommend high-quality 3.5mm cable.
2. Connect power adapter to NS-08E and then connect power adapter to the socket.
3. Press the red button on the back panel to power it on and warm up for a while.
4. Play music on your audio device, and rotate the volume control to adjust the volume until perfect and enjoy HiFi music.

## Parameters

Brand: Nobsound  
 Model: NS-08E  
 Audio input: 3.5mm AUX in  
 Audio output: 3.5mm headphone out  
 Tube Model: 6J3(2PCS)  
 Frequency response: 20Hz-30KHz  
 Output power: ≥1100mW (32Ω)  
 Matched headphone impedance: 18-600Ω  
 Signal to noise ratio: ≥110DB  
 Power supply: DC 6V/2A  
 Net weight: 185g / 0.41lb  
 Dimensions (W\*D\*H): 111\*69\*32 mm / 4.37\*2.72\*1.26 in(not including tubes)

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## U10 Front and Back Panel



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