

Nobsound

**DOUK AUDIO**  
MAKE HI-FI AFFORDABLE

MANUAL

## Features

- Adopting innovative circuit design, DC 5-20V wide input working voltage, the amplifier circuit can always work at a high voltage of 26V, and the background noise index is excellent. With wide frequency response extension, excellent transient response, excellent purity and transparency and good dynamic range.
- Adopting original TI-NE5532 classical op amp and transistor expanding current circuit, using 1300mA large current output transistor working in class A status, with ultra-low distortion, the sound is warm and delicate, full and mellow.
- Pluggable op amp socket design, convenient to upgrade different op amps and bring much DIY fun and playability for audiophiles. Smooth and mellow sound, suitable for listening to vocals or string music, classic or pop music, even with unique charm when playing rock.
- Mini size with exquisite appearance and most cost-effective, brings big surprise for all audiophiles, easily to drive most headphones in the market, providing larger power, better sound field and details, very suitable for home/office desktop audio system use.
- With strong drive power, easily to drive most high-impedance headphones such as:HD580/HD600/HD650/K701/K702/Q701/DT880/T70/T90/SR225/SR325/RS1e

## Warm tips

1. Pluggable op amp socket, NE5532 op amp can be replaced by 2604AP, 2107AP, EL2244, 8920 etc.
2. Working voltage is DC 5V-20V, exceed 20V will result in damage.

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## How to use

1. Connect audio source to RCA input of U3 with good quality audio cable.
2. Connect to 5V power adapter or computer or power bank with USB cable, also can use DC 5-20V power adapter and then press power button to turn it on.
3. Connect your headphone to the output of U3, then play HiFi music on your audio device and enjoy it.



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## Parameters

Brand: Douk Audio  
Model: U3  
Audio input: stereo L/R RCA  
Audio output: 6.35mm headphone jack (with 6.35mm to 3.5mm adapter)  
Output power: ≥1300mW (32Ω)  
Matched headphone impedance: 18-600Ω  
Frequency response: 20-30KHz  
Signal to noise ratio: ≥110DB  
Max output amplitude voltage: 25V  
Input voltage: DC 5-20V  
Dimension(W\*D\*H): 67\*93\*30mm / 2.64\*3.66\*1.18in  
Net weight: 169g / 0.37lb  
Package weight: 310g / 0.68lb  
Packing List  
1\*U3 Headphone Amplifier  
1\*USB to DC Cable  
1\*6.35mm to 3.5mm Headphone Adapter

## Contact information

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