

ONE
Little Bear

DOUK AUDIO

MAKE HI-FI AFFORDABLE

MANUAL

Introduction

EQ5 is a solid well but active 5-band EQ preamplifier, adopt 5PCS JRC4558 op amp, each one is responsible for one frequency band and process the audio signal independently. With bypass button to turn off EQ preamplification, the audio signal will output from IN to OUT directly without any processing, convenient to enjoy original sound. All metal case and gold-plated PCB panel, aluminum knurled knob, all I/O interfaces are gold-plated to ensure the tight connection and smooth transmission of the original audio signal and minimizes the loss. Mini size and powered by DC 5V, convenient to use in most scenarios, no need to bring a separate power supply, very suitable for daily needs of most users.

Warm tips

1. Without power adapter, and EQ5 needs to be powered by separate USB power supply, don't use the USB port of computers or share the power supply with audio source, otherwise common ground noise will be caused.
2. Stereo RCA and 3.5mm AUX input are in parallel, two inputs and outputs will work simultaneously, so please don't connect RCA and 3.5mm AUX input at the same time to avoid mixing.
3. EQ preamplification function needs to connect to DC 5V power adapter, EQ5 can work normally without power supply in bypass mode. If no need for preamplification

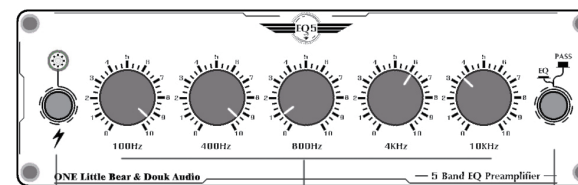
Steps for usage

1. Connect the output of audio source to the "IN" port of the EQ5 (RCA or 3.5mm Jack). Connect the input of amplifier or other equipments to the "OUT" port of the EQ5.
2. Connect USB power adapter to the USB type-C power interface of EQ5, it will be turn on automatically.
3. Adjust to the suitable frequency range by rotating 5 independent frequency band knobs (100Hz, 400Hz, 800Hz, 4KHz, 10KHz) on the front panel.

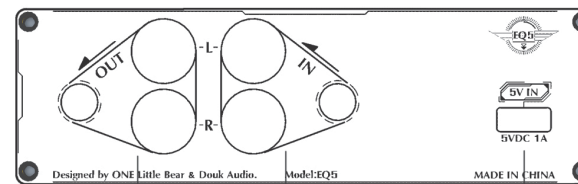
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4. If you want to enjoy original sound without any processing, please press the "BYPASS" button (bypass mode is no need for power supply), the original audio signal will be directly output from IN to OUT.

Front and back panel



ON/OFF 5 Bands EQ adjustment BYPASS



OUTPUT INPUT POWER IN

FAQ

- Q:** Why is there noise when the sound passes through EQ5 preamp?
- A:** 1. Poor-quality USB power adapter with large ripple and big interference, noise will be easily caused. Please change a better USB power supply to have a try again.
2. EQ5 needs to be powered by an independent USB power supply, don't share a USB power supply with audio source, otherwise common ground noise will be caused.
- Q:** The rear 3.5mm input is independent of the RCA input, can it be switched?

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- A:** Not supported. Stereo RCA and 3.5mm AUX input are in parallel, two inputs and outputs will work simultaneously, so please don't connect RCA and 3.5mm AUX input at the same time to avoid mixing.

Parameters

Brand: Douk Audio
Model: EQ5
Audio input: stereo RCA / 3.5mm AUX
Audio output: stereo RCA / 3.5mm AUX
Input impedance: 50K Ω
Output impedance: 47 Ω
Frequency response: 5Hz-154kHz
THD: 0.003%@1KHz
EQ Bands: 100Hz, 400Hz, 800Hz, 4KHz, 10KHz
Bypass function: support
Working voltage: DC 5V (\geq 500mA)
Power interface: USB (type-C)
Dimensions(W*D*H): 120*60*38mm / 4.72*2.36*1.50in
Net weight: 224g / 0.49lb
Package weight: 400g / 0.88lb
Packing List: 1*EQ5 Preamp
1*USB Cable (type-C)
4*Rubber Feet
1*User Manual

Contact information

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