

ONE
Little Bear

DOUK AUDIO

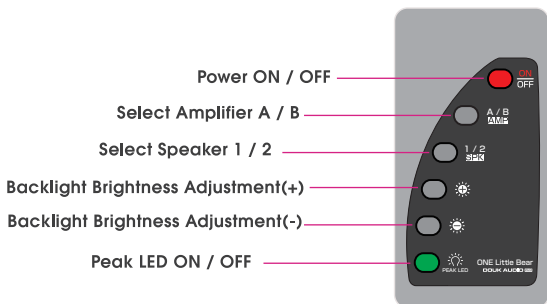
MAKE HI-FI AFFORDABLE

MANUAL

Introduction

- VU3 is a multifunctional device integrating analog VU meter & amplifier/speaker switcher box, can provide wonderful visual experience when switching audio signals.
- All channels of VU3 adopt a fully isolated design, and each group of GND is independent without mutual interference.
- VU3 supports up to 100W power input and output, and supports all kinds of amplifier such as BTL / class A / class B / class D digital amplifier / tube amplifier etc.
- With remote control function, can quickly set the working status from distance. All settings can be saved after shutdown, more convenient to use.
- With built-in protection load, when the amplifier A or B is not selected, it will automatically switch the built-in load to connect to this amplifier to ensure that the amp will not be unloaded, providing perfect protection for your expensive speakers.

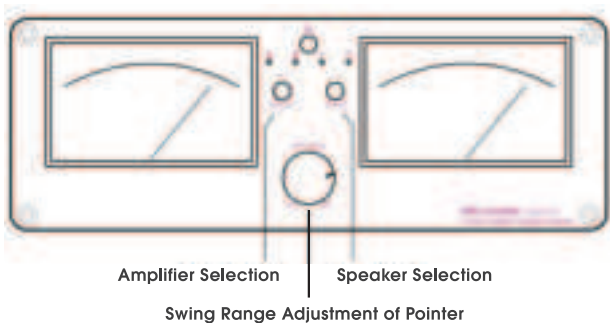
Introduction of remote control



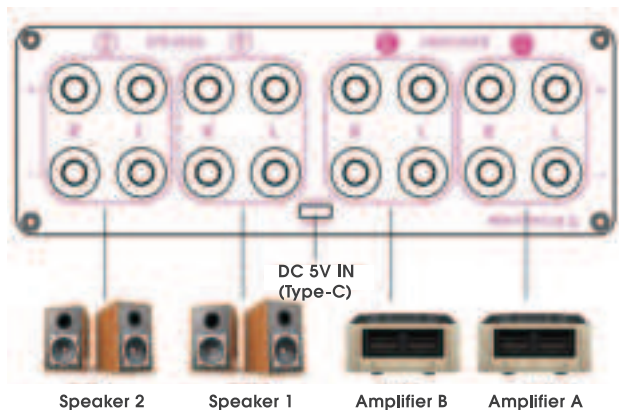
Introduction of front and rear panel

IR: Remote infrared

A / B / 1 / 2: Amplifier A / Amplifier B / Speaker 1 / Speaker 2



***Long Press Button of Amplifier Selection can Power VU3 ON or OFF.**



How to use

1. Connect USB power cord to DC 5V IN interface, VU3 will auto power on. And please prepare CR2025 battery and insert it into the remote control battery socket.
2. Connect 2 amplifiers to the corresponding interface of AMPLIFIER A / B and connect 2 pairs of speakers to SPEAKER 1 / 2 of VU3.
3. Freely choose Amplifier A or B input and Speaker 1 or 2 output via buttons on the front panel or remote control.
4. Rotate swing range knob to adjust the appropriate swing range to get better display effects.
5. After use, long press AMPLIFIER Button for 3 seconds or press Power ON/OFF button on the remote control to turn VU3 off.

Warm tips

1. It is better not to connect VU3 to amplifiers whose actual output power is greater than 100W, or else VU meter may be damaged. 100W refers to the actual power output from amplifier to the speaker. For example, your amplifier max can output up to 200W, but you only use it in the room and turn on the volume to about 20W. The actual power is 20W but not 200W.
2. VU3 can be used as 2-IN-1-OUT or 1-IN-2-OUT switcher between amplifier and speaker, but 2 channel cannot input or output at the same time.
3. When power VU3 off, Amplifier B channel input and Speaker 2 channel output will be auto selected and can output audio signal normally. And when power VU3 on again, it will auto switch to the channels that are set before, this situation is because of the reset state of the relay in VU3 when the power is off.

4. The USB power supply can only be single voltage 5V, and the current is at least 1A or above. Not recommended to use fast charging sources with dual voltages, such as 5V and 9V integrated fast charging sources.

FAQ

Q1: The pointer of VU Meter is moving even there is no music input.

A: 1) The quality of the USB power supply is poor with large ripples that causes great interference. Recommended to change a better USB power supply.

2) The output power of the amplifier is too large so that the noise is loud, it can only be improved by adjusting SWING RANGE knob, no better solution for this at present.

Q2: When choose certain functions via remote cotrol, the backlight of VU meter will also flash?

A: This is original design and normal.

Parameters

Brand: Douk Audio

Model: VU3

Audio input/output: 2 groups of banana female

Working mode: 2-IN-1-OUT / 1-IN-2-OUT

Amplifier type supported: all kinds of type (BTL/Class A /Class AB /Class B / Class D digital amp / tube amp)

Max. through power of each channel: 100W (in actual)

Backlight brightness adjustment: 4-level adjustment (can be turn off)

Amplifier no-load protection: support

Remote control function: support

Settings saved after shutdown: support

Battery model of remote control: CR2025 3V (may not included)

Working voltage: DC 5V (above 1A)

Power interface: Type-C

Diameter of VU meter: 60*35mm

Dimensions(W*D*H):178*118*68mm/7.01*4.65*2.68in

Package dimensions(W*D*H):280*185*155mm/11.02*7.28*6.10in

Net weight:980g/2.16


Package weight:1.2kg/2.65lb

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