

Main Features:

- Three Channel or Four Channel compatible architecture design.
- A total of 8 gold-plated DIP sockets for OPAMPs and Buffers allowing for opamp or buffer rolling.
- 3 Gain settings for impedance matching.
- Bass boost to enhance bass performance.
- Powered by dual 9V batteries, or the P5 power supply.
- High output power, 660mW+660mW into 32Ω when powered by batteries, or 1000mW+1000mW into 32Ω when powered by the P5 power supply.
- CNC engraved aluminum housing, which can be opened with just one screw.

⚠ Caution:

To protect your hearing, please follow the operation guide and do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.

Contents:

iBasso P5, rubber feet, connection cable, and warranty card. Also comes with an OPAMP rolling kit that includes the following OPAMPs and Buffers.

OPAMP/BUF	Qtt.	L/R	BUF	VG/OG	Singe	Dual
OPA627	2	•	—	•	•	—
NE5534 biased	2	•	—	•	•	—
BUF634U	4	—	•	•	•	—
BUF634P WB	4	—	•	•	•	—
Transistor BUF	4	—	•	•	•	—
Dummy adapter	4	—	•	•	•	—

OPA627*2, BUF634U*4, and BUF634P*4 are mounted on the P5.

Inserting and Charging the Battery:

Before inserting the 9V batteries, check the position

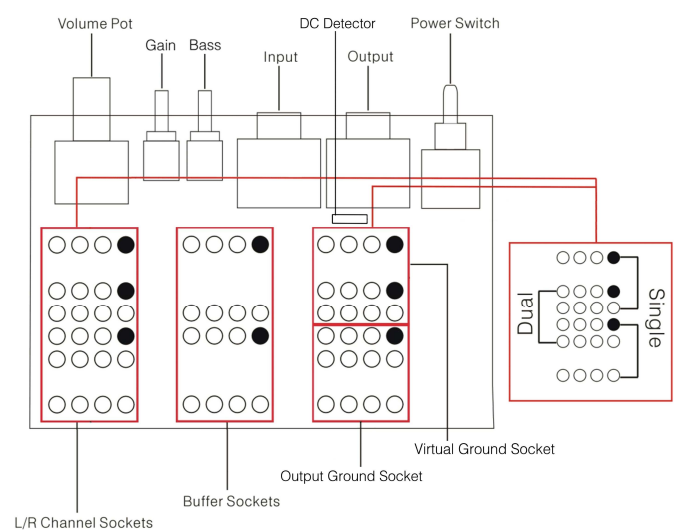
of positive and negative terminals. Make sure the batteries are being placed in correct direction.

The P5 power supply can charge **9V NiMH batteries** only. When using 9V Li-ion or other 9V non NiMH batteries in the P5, the power supply must be disconnected to avoid harm to the batteries or the power supply. Failing to follow these directions could cause fire and or the batteries to explode.

There is not charge lamp on the P5 or the P5 power supply. The batteries are being charge once the P5 power supply is connected. The batteries will be fully charged after **8~16 hours**. Since the charge current is small and limited, you can leave the P5 power supply plugged with no over-charging concerns.

OPAMP and Buffer Rolling

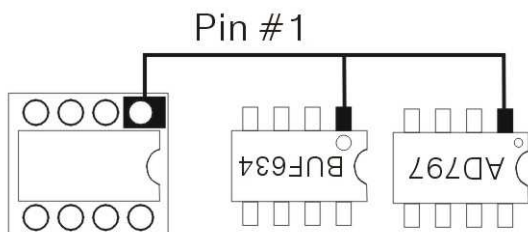
Before opening the housing to change OPAMPs or buffers, make sure the P5 is turned off. OPAMPs and Buffers can be damaged by static electricity. It is better to change OPAMPs and buffers in a static-free environment. Also, before inserting the OPAMPs in the sockets, check to make sure if it is a single or dual OPAMP, then place it to the right position.



Direction of Inserting the OPAMP and Buffer:

In the following drawing, the first pin of the OPAMPs,

Buffers, or dummy adapters is indicated. In the above picture, there is a black hole on each amplifier or buffer socket, which is where the first pin should go. *Be aware that inserting the OPAMP or Buffer in a wrong direction may cause damage, which is not covered by warranty.



DC Detector:

There is a blue lamp inside the housing, right after the output socket, that is the DC detector. You can see the blue lamp lit when DC is detected in situations such as, OPAMP or buffer is inserted in an incorrect direction, inserted in a wrong position, or defective.

Sometimes, right after the P5 is turned on and before a steady state condition is reached, the blue lamp will light in a flash, then goes off. This is normal.

Warranty:

iBasso P5 is warranted to be free from malfunctions and defects in both materials and workmanship for a period of one year from date of purchase, excluding OPAMPs, and the accessories. Buyer must retain the warranty card, which will be requested at the time of warranty repair.

This warranty does not apply when failure is due to accident, alteration, water damage, misuse, use with incompatible accessories or attachments or failure to follow operating instructions.

At iBasso we always do our utmost to take care of your needs. For further product and warranty information, please go to www.iBasso.com.

Specifications:

Power Source: Dual 9V batteries or P5 PS
Frequency Response: 16Hz~80KHz /-0.2dB
Signal to Noise Ratio: -121dB (A-wt.)
Crosstalk: -72dB@320hm
Total Harmonic Distortion: 0.0018% (with 320hm loading)
Output power: 660mW+660mW into 320hm when powered by 9V batteries, or 1000mW+1000mW into 320hm when powered by the P5 PS
Bass: 0dB/+6dB at 100Hz
Gain: 0dB/+4dB/+9dB
Battery Life: depends on the OPAMP and BUF combination
Battery Charge Time: 8~16 hours with the P5 PS
External Power supply: +/-15V
Recommended Headphone Impedance: 8~3000hm
Case dimension: 2.87W x 4.84L x 0.94H (inch)
73W x 123L x 24H (mm)
Weight: 201g or 7.1oz (without batteries)

OPAMP and Buffer Quiescent Current:

BUF634U: 1.5mA
BU634P (biased with R=100ohm): 10mA
Stack Buffer (BUF634U+BUF634P): 16mA
OPA627: 7mA
NE5534 Biased: 7mA
Transistor Buffer: 8mA