

HiFi BASS Headphone Amplifier

User Manual

## Product Introduction:

This is built-in battery portable HIFI headphone amplifier, which support charging and adjusting volume and bass. Using 3.5mm cable connect it to your PC, smartphone and game console, etc. It can connect to Bluetooth devices. It used to improve the volume and sound quality of headphones.

## Product Features:

- Built-in high capacity battery
- Support charging over voltage protection
- Support high and low impedance earphone switch
- Support 16~600  $\Omega$  impedance earphone
- Support output volume adjustment and bass adjustment
- Support one 3.5mm headphone port and one 3.5mm input port
- Support Bluetooth connection
- Type-c port for charging
- Aluminum alloy material, full of texture

## Product Specifications:

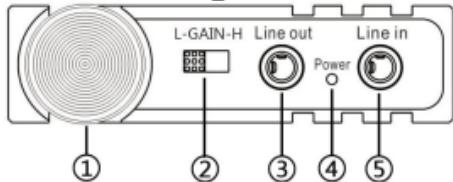
Input port.....	3.5mm (TRS)
Headphone port.....	3.5mm (TRS)
Charging port.....	Type-c
Bluetooth Version.....	BT 5.0
Built-in battery.....	3.7V/1400mA
Charging voltage.....	5V/500mA
Standby power.....	38mA
Maximum working current.....	250mA
Duration.....	$\geq 6$ hours
16 $\Omega$ headphone power .....	110 mW
32 $\Omega$ headphone power.....	105 mW
150 $\Omega$ headphone power.....	6.5 mW
300 $\Omega$ headphone power.....	35 mW

600 $\Omega$ headphone power.....	20 mW
Maximum output Vp-p.....	9.9Vp-p
THD+N.....	0.02%
Signal to noise ratio.....	100db
Frequency response.....	20hz~20Khz
Cross talk.....	100db
Sound balance.....	0.3db
Bare size.....	104.5x63.5x16.5mm
Bare weight.....	146.5 g
Working environment temperature.....	-20 to +60°C
Shell material.....	Aluminum Alloy

## Package Content:

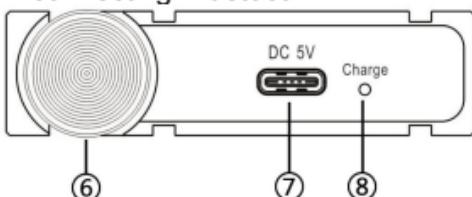
1: HIFI Headphone Amplifier.....	1 pcs
2: 3.5mm Audio Cable.....	1 pcs
3: Charging Cable.....	1 pcs
4: User Manual.....	1 pcs

## Interface Program:



- ①:Volume adjustment knob,the minimum volume position can turn off the power
- ②:gain switch, switch to L position when using  $15 \Omega \sim 32 \Omega$ ,switch to H position when using  $150 \Omega \sim 600 \Omega$
- ③:3.5mm headphone port,connect to 3.5mm headphone or sound system
- ④:Power indicator, RED light on when turn power

⑤:3.5mm input port,connect to laptop,Ipad,Smartphone,Game console etc when using.please pull out 3.5mm audio cable when connecting Bluetooth.

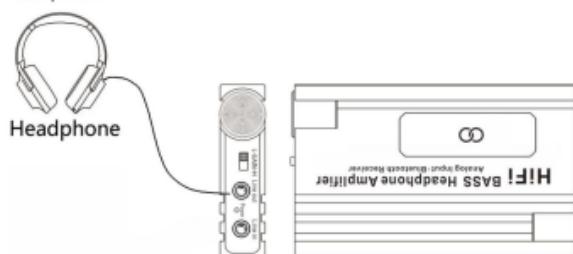
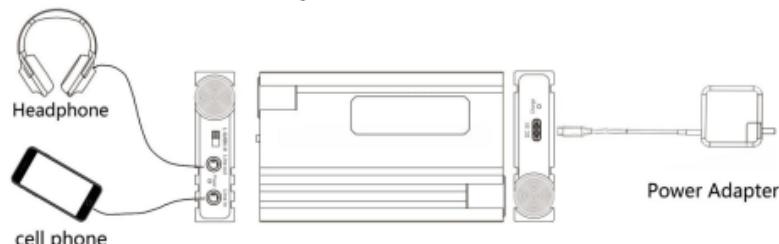


⑥:Bass volume adjustment

⑦:Charging port,connect to 5V power adapter when using(Not support data connecting)

⑧:Charging port, RED light on when charging, GREEN light on when finished

## Connection and Operation:



1:Use a 3.5mm audio cable to connect computers, tablet computers, mobile phones, game consoles and other devices to the line in interface of the HIFI audio amplifier,Or use the Bluetooth function of mobile phones, TVs, computers and other devices to search for "BT AMP" for matching and connection

**NOTE:Pull out 3.5mm audio cable when using Bluetooth**

- 2: Use 3.5mm headphones to connect audio equipment to the line out interface of the HIFI amplifier
- 3:When the volume knob is properly adjusted, it is turned on
- 4:Adjust the volume to your liking

**NOTE:**When the power is low, the sound will be distorted. When the power is 0, the power indicator light will not light up. Please connect the HIFI audio amplifier to the power adapter for charging.

**NOTE:**

- **This product has a built-in lithium battery. For your safety, it is forbidden to immerse the product in water, to disassemble it, to knock it destructively, to use it in a fire source, to discard it at will, or to use it in a high temperature environment.**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection

against harmful interference in a residential installation. This equipment generates, uses, and can

radiate radio frequency energy, and if not installed and used in accordance with the instructions,

may cause harmful interference to radio communications. However, there is no guarantee that

interference will not occur in a particular installation. If this equipment does cause harmful

interference to radio or television reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference by one or more of the following

measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled

environment. This equipment should be installed and operated with a minimum distance of 20cm

between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.