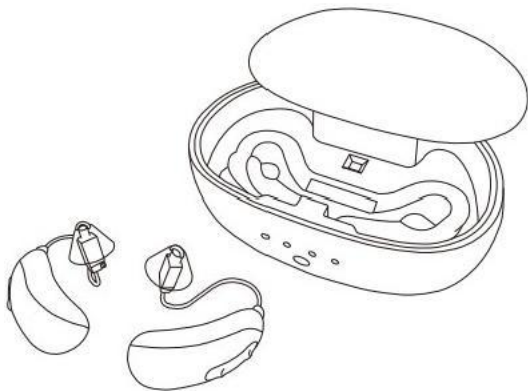




Product Manual

TC1600-B03 Hearing Amplifiers

Thank you very much for choosing the TC1600-B03 Hearing Amplifiers.
To have a great experience, please read this manual carefully before use.

1.Product Introduction

1).Product parameters

Product name:HearingAmplifiers **Model:TC1600-B03**

Scope of application:Suitable for people with moderate to severe hearing loss

Product Structure:Composed of microphone,signal processing circuit,speaker battery,housing,earplugs,charging case,and charging cable.

Contraindication: Acute external otitis,eardrum inflammation,chronic suppurative otitis media(in the period of purulent infection),Patients with acute suppurative otitis media and allergic reactions to the materials of this product are prohibited.

Product performance parameters:

OSPL90 MAX;	>121dB
HFA OSPL90:	119dB±3dB
HFA FOG50;	57dB±3dB
Equivalent Input Noise Level:	≤29dB+3dB
Rated Power Current;	4mA
THD Distortion:	≤7%+3%
Frequency bandwidth;	>5000Hz
Bluetooth version	BluetoothV5.2
Bluetooth effective range:	>10M
Battery Type:	Lithium Polymer Batteries
call duration:	>10h (100%volume)
Charging bay charging time:	≈100min

Working Conditions:

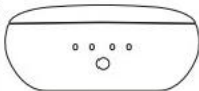
Ambient Temperature:	-10° ℃~40℃
Relative Humidity:	≤80%
Atmospheric Pressure:	86kPa~106kPa
Rated voltage:	d. c. 3. 7V

2.Accessories

①



②



④



⑤



①Hearing Amplifiers*2

② charging Compartment*1

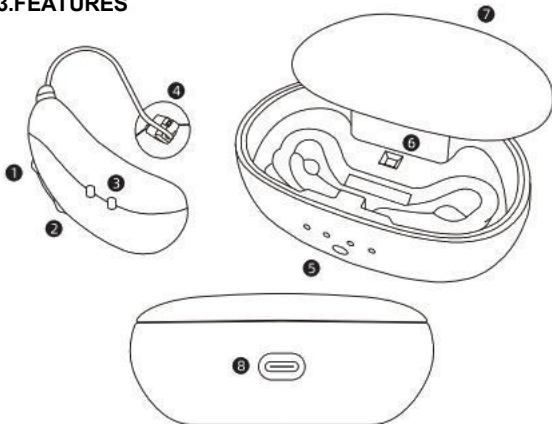
③ 3 pairs of earplugs(S,M,L)

④ Type-C charging cable*1

⑤ Cleaning brush*1

(Please refer to the actual attachment)

3.FEATURES



① Volume increase button

② Volume decrease button

③ Charging contact

④ Silicone dome

⑤ Charging compartment switch

⑥ Ultraviolet Lamp

⑦ Sliding cover

⑧ Charging port

4.Choose the appropriate earplugs

- 1.Equipped with earplugs of different sizes,choosing the appropriate earplugs will bringyou amore comfortable wearing experience.
- 2.Before wearing Hearing Amplifiers,it is recommended that you try on earplugs of different sizes one by one and selec the appropriate one.

5.How to replace earplugs

- 1.Grasp the earplugs tightly and pull them out to separate them from the Hearing Amplifiers.
- 2.Align the sound guide of the Hearing Amplifiers with the opening of the earplugs,and then push it together with force,Until the earplugs match the sound outlet of the Hearing Amplifiers

6.Cleaning methods

Please follow this method for cleaning:

- 1.Please check for foreign objects on the earplugs before wearing Hearing Amplifiers.
If so,clean with a soft and dry cloth ora brush from the acces5ory box.
 - 2.Wipe the body with a soft cloth and clean the earplugs with a brush.
- Caution:Do not rinse Hearing Amplifiers with water or other liquids

7.Attentions

- 1.Before use,it should undergo professional examination and hearing test, and be used under the guidance of a doctor.
- 2.Pay attention to moisture resistance,shock resistance,high temperature resistance, and light protection.
- 3.Do not immerse the Hearing Amplifiers in any liquidand remove it before swimming or bathing.
After removing the Hearing Amplifiers,it should be placed in the charging compartment.

4. The outer surface of the Hearing Amplifiers should be kept clean, and the earwax in the earplugs should be regularly cleaned.
5. Properly use the function and volume control switch, try to turn it on and off lightly and avoid using too much or too much force.
6. Hearing Amplifiers should be regularly sent to the fitting center for maintenance and inspection to ensure that they are in good condition.
7. This product should not be used at high volume for a long time to prevent damage to hearing.
If you find any discomfort, please stop using it.
8. If you hear a whistling sound, please check if the size of the earplugs (silicone) is suitable for your ear canal and tighten them to prevent air leakage.
9. It is not advisable to fall or collide, as it may cause damage to internal components.
10. It is not advisable to disassemble it without authorization.
11. Warning: If the hearing aid is not used for a long time, it should be placed in the charging case.
12. Avoid electromagnetic radiation and use Hearing Amplifiers in high-frequency thermal therapy, radiation therapy, and strong magnetic field environments.
13. Do not use in environments with potential explosion hazards or in states where danger may occur.
14. Hearing Amplifiers should not be disposed of as regular garbage. This device is equipped with a built-in lithium battery. Please use battery handling facilities to protect the environment.
15. Do not let children play with this product and accessories, as it may cause damage to oneself or others, and may damage the machine.
16. The use of other components or materials will reduce the minimum safety, and approved accessories in the user manual should be used.

8.Maintenance

Please keep the Hearing Amplifiers and charging case clean. The humid and hot usage environment and foreign objects can affect the performance of Hearing Amplifiers.

1. Please use a clean soft cloth to clean the hearing aid housing.
2. Remove the earplugs from the Hearing Amplifiers, gently wipe them with pure warm water or alcohol, and wait for the earplugs to dry before installing them. Just use the hearing aid to ensure that no water enters the main unit.
3. When using Hearing Amplifiers, avoid them falling off.
4. Hearing Amplifiers should be placed in a cool and dry place to avoid moisture or heat.
5. Do not use water, solvents, cleaning liquids, or oil to clean Hearing Amplifiers.
6. The charging copper pins of the Hearing Amplifiers and charging case should always be kept clean and dry.
7. Do not disassemble the Hearing Amplifiers without authorization.
8. Hearing Amplifiers should be kept away from direct sunlight and should not be used in extreme temperature environments.
9. When idle, Hearing Amplifiers should be stored in a dry indoor environment at room temperature, avoiding high temperatures in high humidity environments, do not fall, collide, or hold heavy objects for a long time.

9.Common faults and solutions

Symptoms	Possible Cause	Handling method
No sound	Not tuned on	Power on
	The battery is dead	charging
	Low battery level	charging
The sound is weak and blurry	Volume setting too low	volume up
	LoDse earplugs	Wearearplugs tightly
Howling sound	Wearing incorcet or loose earpugs	Wear again

10.After-sale service

f the product malfunctions,please contact the sales unit for replacement or repair.

11.Transportation and storage methods

Transportation conditions:anti drop,handle with care;

Prevent exposure to sunlight,rain,or mechanical collisions,and keep dry.

Storage conditions:Well packaged HearingAmplifiers should be stored indoors at temperatures ranging from-10℃to 40℃,with a relative humidity of 80%,

without corrosive gases,and in a dry and wellventilated environment

12.Waste and residue treatment

Do not dispose of discarded Hearing Amplifiers or charging cases at will.

The disposal of waste residue should comply with Corresponding national laws and regulations,

FCC Warning Statement: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 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.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.