

长度: 90mm

宽度: 80mm

# User Manual

**BTE**

**Hearing Aid**



**Model: A10**

## Dear Customer

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**T**hank you very much for choosing Our OTC Hearing Aid.

**O**ur OTC Hearing Aid is a great device for the impaired hearing. It has been devoting high quality hearing.

**P**lease read this User Guide carefully before using, you should use and maintain your hearing aid in order to extend its lifetime.

**I**f an question, please be free to contact the local OTC Hearing Aid center or call our Customer Service Center.

## Basic Product Information

**【 Product Name 】** BTE OTC Hearing Aid

**【 Product Specification Name 】** A10

**【 Product Size 】** 60.0mm\*53.0mm\*12.8mm

**【 Structure Composition 】** BTE OTC Hearing Aid is composed of main unit, battery, and earplugs

**【 Working Principle 】** The sound signal is converted into a continuously changing electric signal through a microphone filtered and amplified by the circuit, and then restored to a sound signal that is several times larger by the receiver (headphone), and then sent to the ear of the hearing impaired patient by the earplug Inside.

**【 Scope of Application 】** After fitting, hearing compensation for patients with air conduction Hearing Loss

**【 Contraindications 】** Acute otitis externa, otitis, chronic suppurative otitis media(in the period of pus infection), acute suppurative otitis media, and allergic to the material.

## Main Structure



| Item | name                      |
|------|---------------------------|
| 1    | Speaker                   |
| 2    | Dome                      |
| 3    | Microphone                |
| 4    | Volume control            |
| 5    | Mode                      |
| 6    | Power on/off switch       |
| 7    | Charging interface Type-c |
| 8    | Battery level display     |

Please read the guide before your new hearing aid    This  
product is not for use of persons under the age of 18

## Product Specification

### Normal working conditions

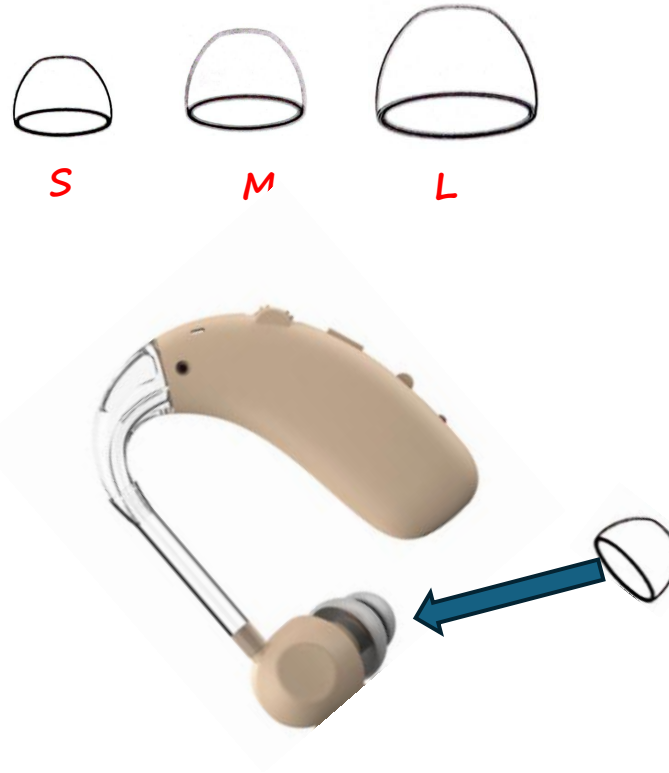
|                            |               |
|----------------------------|---------------|
| Environmental temperature: | 0℃~40℃;       |
| Relative humidity:         | ≤80%;         |
| Atmospheric pressure:      | 86kPa~106kPa; |
| Working voltage:           | 3.7V          |

### Product electroacoustic performance

|                               |                         |
|-------------------------------|-------------------------|
| Maximum OSPL90:               | ≤115dB+3dB              |
| HFA OSPL90(dB SPL):           | 110dB±4dB               |
| HFA FOG:                      | 40dB±5dB                |
| Equivalent input noise level: | ≤20dB+3dB               |
| Frequency Range:              | F1<250Hz,F2>4700Hz      |
| THD:                          | ≤5+3%                   |
| Rechargeable battery:         | Lithium Polymer Battery |
| Battery Capacity:             | 50mAh,DC3.7V            |
| Rated working current:        | 3.0mA                   |

## Installation Instructions

Choose earplugs of the right size (there are many different sizes of earplugs in the box, you should choose the most suitable one when you use it, so that your ears are more comfortable and can better eliminate noise). Connect the earplugs to the earphones.



## Operating Instructions

- 【 1 】 Take out the OTC Hearing aid and choose the Dome that suits you from the 3 different sizes of earplugs provided,
- 【 2 】 Buckle the connecting port of the machine and the earplugs
- 【 3 】 Insert the earplugs into the inner ring Slowly push the OTC Hearing Aid with earplugs into the ear hole until it is close to the ear canal and feels comfortable
- 【 4 】 Turn the power On/off switch to ON for start the OTC Hearing Aid

● When you turn on the hearing aid, digital display will light up and display the battery level

### 【 Power ON】

Turn on the Power switch

### 【 Battery level 】



## Operating Instructions

- 【 5 】 Rotate the volume control key to adjust the volume for your hearing loss level
- Rotate the volume control up to decrease the volume
  - Rotate the volume control down to increase the volume

【 Volume control 】



## Operating Instructions

**【 6 】** Press the M button once every time to adjust hearing mode

- Total 3 modes for adjustment, that suit for different environment.

- Short press the M button on the OTC Hearing aid to select the mode. There are four modes to choosed ("normal mode", "outdoor mode", "noise reduction mode"). Each time you select, the hearing aid will make the voice prompt.

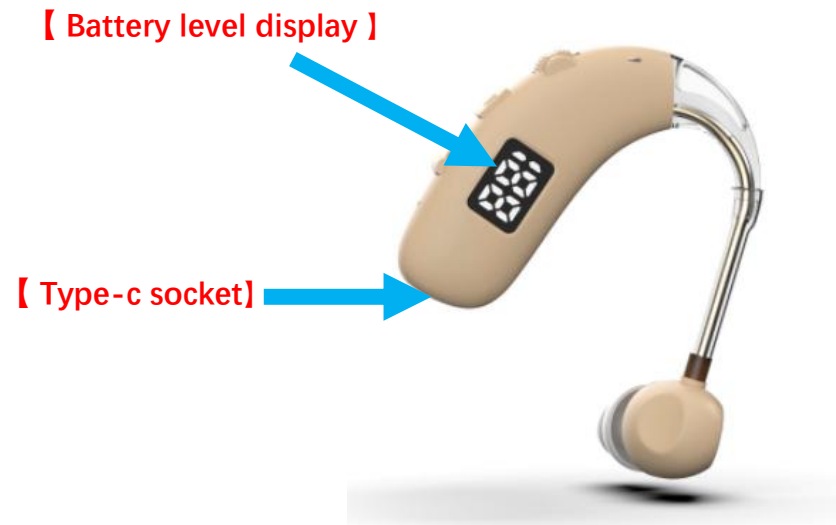
**【 Mode select key 】**



## Operating Instructions

【 7 】 Please use an adapter with at least 5V1A output, connect the type-c cable, and insert it into the TYPE-C socket on your hearing aid. At this time, the number on the display will light up and flash. When the number reaches 100%, it means the hearing aid is fully charged.

- The hearing aid usually takes 1.5 hours to charge to complete



| A10_Booth UI |                      |                           |                                     |                                              |
|--------------|----------------------|---------------------------|-------------------------------------|----------------------------------------------|
| item         | function             | state                     | operating                           | prompt                                       |
| 1            | Power on             | power ON                  | Turn the power switch to “on”       | “power on”                                   |
| 2            | power off            | working                   | Turn the power switch to “off”      | NA                                           |
| 3            | volume up            | working                   | Rotate the volume control up        | NA                                           |
| 4            | Volume down          | working                   | Rotate the volume control down      | NA                                           |
| 5            | Mode                 | Hearing aid working state | Short press the mode button         | Mode 1: general mode<br>mode 2: Outdoor Mode |
|              |                      |                           |                                     | mode 3: Noise Reduction Mode                 |
| 6            | Answer Incoming Call | Incoming Call             | Short press the mode button         | NA                                           |
| 7            | Hang Up Ongoing Call | Talking                   | Short press the mode button         | NA                                           |
| 8            | charging             |                           | Insert cable into the TYPE-C socket | NA                                           |

## Precautions,Warnings And Suggestive Instructions

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**【 1 】** Before fitting OTC Hearing Aid, you should go through professional inspections and hearing tests, and use them under the guidance of doctors or professional OTC Hearing Aid

**【 2 】** Moisture-proof, shock-proof and high-temperature proof.

**【 3 】** Do not immerse the OTC Hearing Aid in any liquid. Remove the OTC Hearing Aid and put it in the charging case before swimming and washing your hair and bath, after swimming or bathing, wait until the ear canal is dry before putting on the OTC Hearing Aid.

**【 4 】** After the OTC Hearing Aid is removed at night, it should be charged, avoiding high light, high temperature, and high humidity.

**【 5 】** The outer surface of the OTC Hearing Aid should be kept clean, and the earwax in the earplugs should be cleaned frequently.

**【 6 】** The functions should be used correctly, try to handle with care and avoid excessive force and excessive force.

**【 7 】** OTC Hearing Aid should be sent to the fitting center or dealer for maintenance and inspection regularly to ensure that the OTC Hearing Aid are in good condition.

**【 8 】** This product should not be used for a long time at excessive volume to prevent damage to hearing. If you find discomfort, please stop using it.

## Precautions , Warnings And Suggestive Instructions

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**【 9 】** If the OTC Hearing Aid is not used for a long time,the battery power may be discharged below the working voltage by the internal resistance of the battery. If the OTC Hearing Aid cannot be turned on,please make sure that it is fully charged before trying to turn it on.

**【 10 】** If you hear a whistling sound in the ear, please check whether the size of the earplug (silicone sleeve) fits the user's ear canal and plug it tightly to prevent air leakage.

**【 11 】** It is not suitable to fall or collide, which may cause damage to internal components..

**【 12 】** It should not be opened without authorization.

**【 13 】** OTC Hearing Aid should avoid electromagnetic radiation, and do not use them in high-frequency thermal therapy or radiotherapy and strong magnetic fields.

**【 14 】** Never use it in a potentially explosive environment or in a dangerous state.

**【 15 】** OTC Hearing Aid cannot be treated as ordinary municipal garbage. Because OTC Hearing Aid have built-in batteries, please use battery handling facilities to protect the environment.

**【 16 】** Do not let children play with this product and accessories,so as to avoid injury to children or possible damage to the machine.

## Product Maintenance

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- 【 1 】 Please charge the OTC Hearing Aid in time when it is left unused, so that there is enough power for use.
- 【 2 】 Use a clean soft cloth to clean the OTC Hearing Aid housing.
- 【 3 】 Please clean and disinfect earplugs with pure warm water.

## Troubleshooting

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Please follow the steps below to confirm the exclusion:

**【 1 】** Please confirm that the OTC Hearing Aid can be turned on

(The digital display will light up and goes out after 3S, indicating that it is turned on).

**【 2 】** Adjust the volume repeatedly to confirm whether the OTC Hearing Aid has sound.

**【 3 】** The above two steps are silent, please make sure that it is fully charged before power on, and repeat steps 1 and 2.

**【 4 】** If there is no sound in the above three steps, it can be judged that the OTC Hearing Aid is not working properly or malfunctions. Please contact your local dealer or send it back to our company.

## Transportation And Storage Methods

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**【 1 】** Transportation conditions : anti-drop, handle with care; prevent sun, rain or mechanical collision, keep dry.

**【 2 】** Storage conditions: The product should be stored in a cool and dry place, and the environment should meet the following conditions:

(a) Ambient temperature:  $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$ ;

(b) Relative humidity:  $\leq 80\%$ ;

(c) Atmospheric pressure:  $50\text{kPa} \sim 150\text{kPa}$ ;

**【 3 】** Handle with care to avoid collision or strong impact.

## Disposal Of Waste And Residue

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There is a battery inside this product, and the host has electronic components. Disposal should comply with the corresponding national laws and regulations

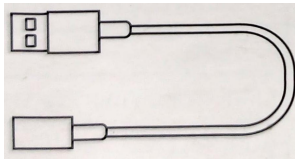
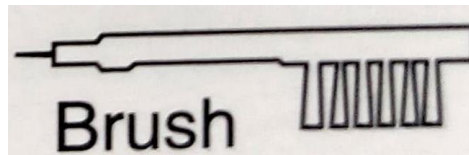
## Package Contents

OTC Hearing Aid :1 set

Portable mobile charging box: 1 set

Earplugs: 2 large, medium and small each

Instructions for use: 1 copy



## FCC Warning

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.

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

**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.

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