

# BEHIND THE EAR HEARING AID

M2212B

 User Manual



## Directory

|                                               |    |
|-----------------------------------------------|----|
| Before use                                    | 1  |
| Introductions                                 | 2  |
| Function introduction                         | 4  |
| Status switching                              | 5  |
| Common problems and solutions                 | 6  |
| Charging status and use operation             | 7  |
| Key parameters                                | 10 |
| General safety instructions                   | 11 |
| RF parameters                                 | 13 |
| Transportation conditions and storage methods | 14 |
| Symbol description                            | 15 |
| Maintenance                                   | 16 |

## Before use

### **【Cautions】**

1. Protect from moisture, shock and high temperature. Do not immerse the hearing aid in any liquid, and remove the hearing aid before swimming and washing hair or bathing; After swimming or bathing, wait for the ear canal to dry before putting on the hearing aid.
2. After removing the hearing aid at night, it should be placed in the charging case, away from light, high temperature and high humidity, and avoid dropping and touching.
3. Keep the surface of the hearing aid clean and clean the earwax in the sound hole of the hearing aid frequently.

Note: The main unit has a dust and water resistance rating of IP22.

### **【Contraindications】**

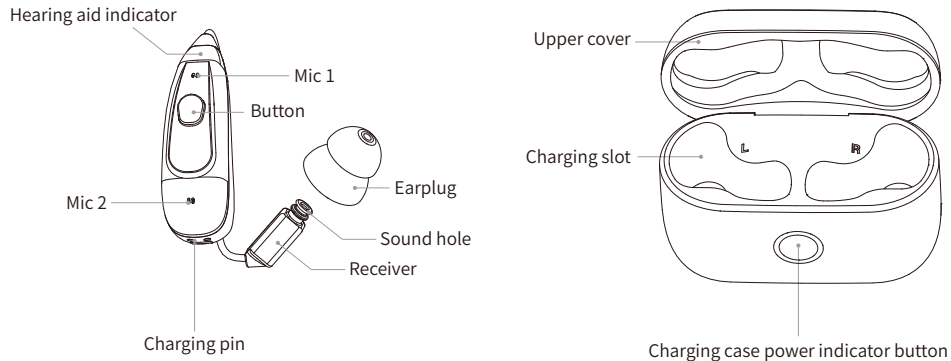
1. Congenital atresia of the external ear or malformation of the external auditory canal, external ear canal clogged with earwax;
2. Patients with sudden deafness, especially occurring within 3 months;
3. Rapid progressive hearing loss;
4. Hearing loss accompanied by vertigo, headache or earache;
5. Conductive deafness of any cause (inflammation of the outer ear, middle ear, overflow, cerumen or foreign body embolism, etc.);
6. The hearing aid is not suitable for patients with acute otitis externa, tympanitis, chronic suppurative otitis media (in the period of purulent infection), acute suppurative otitis media, or allergy to the material of this product.

## Introductions

|                              |                                                                                                                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>【Name】</b>                | Behind The Ear Hearing Aid                                                                                                                                                                                                             |
| <b>【Model】</b>               | M2212B                                                                                                                                                                                                                                 |
| <b>【Operating principle】</b> | The microphone converts the sound information into an electrical signal, which is processed by a digital chip and transmitted to the output of the receiver. The digital signal amplification principle is used for signal processing. |
| <b>【Accessories】</b>         | Hearing aid, charging case , earplugs, charging cable, user manual                                                                                                                                                                     |

## Introductions

**[Introductions]** M2212B composed of receiver, charging case, and hearing aid.



## Function introduction

### 【Function Introduction】

|                  |              | Power on                      | Power off | Volume+          | Maximum volume | Minimum volume |
|------------------|--------------|-------------------------------|-----------|------------------|----------------|----------------|
| Bluetooth models | Operation    | Press for more than 3 seconds |           | Click the button | N/A            | N/A            |
|                  | Prompt sound | Power on                      | Power off | Single beep      | Three beeps    | Three beeps    |

Note:

1. This hearing aid has five levels of volume.
2. The hearing aid will automatically turn off when placed in the charging case; The Bluetooth model will automatically turn on when it is released from the charging cases.
3. This hearing aid has the function of memorizing of the last time volume setting level.

## Status switching

|                                                                       | Hearing aid                                                                                                                         | Bluetooth headset                                                                     |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Press for more than 3 seconds                                         | On / Off                                                                                                                            |                                                                                       |
| Single click                                                          | Volume cycle switching                                                                                                              | Answer / Hang up / Pause / Play                                                       |
| Double click                                                          | N/A                                                                                                                                 | Left side: reject the call / next song<br>Right side: reject the call / previous song |
| Five clicks                                                           | N/A                                                                                                                                 | Unpair                                                                                |
| Bluetooth headset converts to hearing aid when bluetooth is connected | When playing music, it will automatically switch to the hearing aid state after pausing the music for about 10s.                    |                                                                                       |
| Hearing aid converts to bluetooth headset when bluetooth is connected | In the hearing aid state, it will automatically switch to the bluetooth headset state as soon as you answer the phone / play music. |                                                                                       |

Note: Bluetooth status will close when no device connected in 2 mins. If needs to turn to bluetooth status, please put the product in the case and take out again, or manually long press the button to enter bluetooth status. This feature only applies to bluetooth models. The product is in hearing aid state by default when taking out from the charging case, with bluetooth status standby. Bluetooth pairing name “M2212B”.

## Common problems and solutions

### 【Common problems and solutions】

| Problem                    | Possible causes             | Solutions                                  |
|----------------------------|-----------------------------|--------------------------------------------|
| No sound from hearing aids | Hearing aid is out of power | Charge it                                  |
|                            | Blocked sound hole or Mic   | Clean sound hole or Mic                    |
| Blurred and unclear        | Low battery                 | Charge it                                  |
|                            | Low volume                  | Turn up the volume                         |
|                            | Loose earplugs              | Change earplugs or wear tight hearing aids |
| Squeaking ( Whistling )    | Improper wearing            | Wear tight hearing aids                    |
|                            | Loose earplugs              | Change to the fit size earplugs            |

## Charging status and use operation

### 【Hearing aid charging status】

|               | Hearing aid indicator | Charging case indicator light |
|---------------|-----------------------|-------------------------------|
| Charging      | Light on              | Light off                     |
| Fully charged | Light off             | Light off                     |

## Charging status and use operation

### 【Charging case power indicator】

|                                                   | 0-20%                | 20%-99%               | 100%                  |
|---------------------------------------------------|----------------------|-----------------------|-----------------------|
| Charging case charging                            | Blue light flashes   | White light flashes   | White light on        |
| Click on the charging case power indicator button | Blue light on for 3s | White light on for 3s | White light on for 3s |
| Put the hearing aid into the charging case        | Blue light on for 3s | White light on for 3s | White light on for 3s |

Note: Please use the hearing aid charging case configured by the manufacturer.

## Charging status and use operation

### 【Bluetooth status of hearing aid connection】

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
|                                        | Hearing aid indicator                     |
| Bluetooth is disconnected to the phone | Blue and white lights flashes alternately |
| Bluetooth connected to the phone       | Light off                                 |

### 【Breakdown self-check】

| Problem                                                        | Possible causes                                                           | Solutions                                           |
|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------|
| No lights on when putting the hearing aid into the charge case | Poor contact between hearing aid and charging case                        | Put the hearing aid back in the charging case again |
| Charging case indicator light does not light up                | Not plugged into the power supply or poor contact with the charging cable | Reconnect the charging cable                        |

## Key parameters

|                        |              |
|------------------------|--------------|
| Specification/ Model   | M2212B       |
| Max-OSPL <sub>90</sub> | ≤123dB+3dB   |
| HFA-FOG <sub>50</sub>  | 40dB±5dB     |
| Total Harmonic Distort | ≤4%+3%       |
| Frequency Response     | 400Hz~4500Hz |
| EQ Input Noise         | ≤25dB+3dB    |
| Battery Supply Current | 9.0mA        |

## General safety instructions

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications 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.ct.

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

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

## General safety instructions

- ▶ Exposure to high temperature, high humidity, strong magnetic fields ( $>0.1\text{T}$ /MRI), X-rays, and mechanical stress can damage the hearing aid.
- ▶ Do not place the hearing aid in an environment with high temperature or high humidity. Do not use the hearing aid while bathing, washing your face, shaving or putting on makeup. Do not place the hearing aid in a microwave oven.
- ▶ Do not press the hearing aid buttons too hard to avoid damage.
- ▶ Do not dispose of used hearing aids improperly. If you need to dispose of them, please follow the relevant national regulations.

### [Warning]

- ▶ Do not use your hearing aid in an explosion-hazardous environment, such as a mining area.
- ▶ Keep hearing aids and accessories away from children to avoid swallowing accidents. If a child has a swallowing accident, please seek medical attention immediately.

## RF parameters

### RF parameters

|                     |                |
|---------------------|----------------|
| project             | description    |
| Operating frequency | 2400-2483.5MHz |
| Transmitted power   | <20dBm         |
| Bluetooth version   | BT5.0          |

Note: RF parameters only applies to Bluetooth models.

## Transportation conditions and storage methods

### **【Normal operating conditions】**

- a) Ambient temperature is recommended: 0°C~40°C
- b) Relative humidity:  $\leq 80\%$
- c) Barometric pressure: 86Kpa~106Kpa
- d) Working voltage of hearing aid: 3.7V
- e) Working voltage of charging case: 5V

### **【Transportation】**

Packaged hearing aids can be transported in general cargo, but they should be protected from sunlight and direct rain, snow, or mechanical collision. The environmental conditions for transportation should be 0~40°C and the relative humidity should not be more than 80%.

### **【Storage】**

If hearing aids are to be stored for a long time, they should be stored at 0~38°C, at a relative humidity of not more than 80%, in a warehouse with ventilation and without corrosive gases that could affect the performance of the hearing aids.

## Symbol description

### 【Symbol description】



Prevent water: hearing aids are not waterproof.



Note! Consult attached files.



Dispose of discarded electrical and electronic equipment separately.



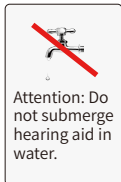
Non ionizing radiation.



Recyclable.

## Maintenance

### 【Maintenance】



The hearing aid is a high-precision system. Proper care and handling will ensure its optimal performance.

1. Cleaning the ear canal of earwax and ear oil at least twice a week will ensure the longevity and reliability of the hearing aid.
2. Please clean the microphone inlet hole and receiver outlet hole regularly.
3. If your hearing aid becomes damp, do not dry it in a microwave oven, hairdryer or other electric heater, but place it in a dry and ventilated place to dry.
4. Do not wipe the hearing aid with any solvent or cleaning agent.
5. Do not shake or bump the hearing aid violently.
6. Do not disassemble the hearing aid when it is malfunctioning; Any damage caused by disassembly will not be covered by the warranty.

Product name

Behind The Ear Hearing Aid

Please contact our customer service if you have any queries when using our product, we will do our best to provide you with a satisfactory solution, thanks.

PLEASE KINDLY READ THE OPERATIONS MANUAL CAREFULLY BEFORE USE, THANKS!