

OTC Hearing Aid

|Instructions for Use|

FCC ID:2AI4Q-VANPRO23R

FCC ID: 2AI4Q-VANPRO23L

Introduction

Product name: OTC Hearing Aid

Models: VAN 203 Pro

Intended use: Non-treatment medical devices that help hearing-impaired patients compensate for their hearing loss.

Structure: The product consists of microphone, signal processing and amplification circuit, receiver, battery, housing, embedded software (release version V1.0), mobile phone APP (release version V1.1) and charging base.

Please read this Instructions for Use (IFU) carefully before use.

Please keep this IFU properly together with the invoice after reading.

Product technology or software may be upgraded without further notice.

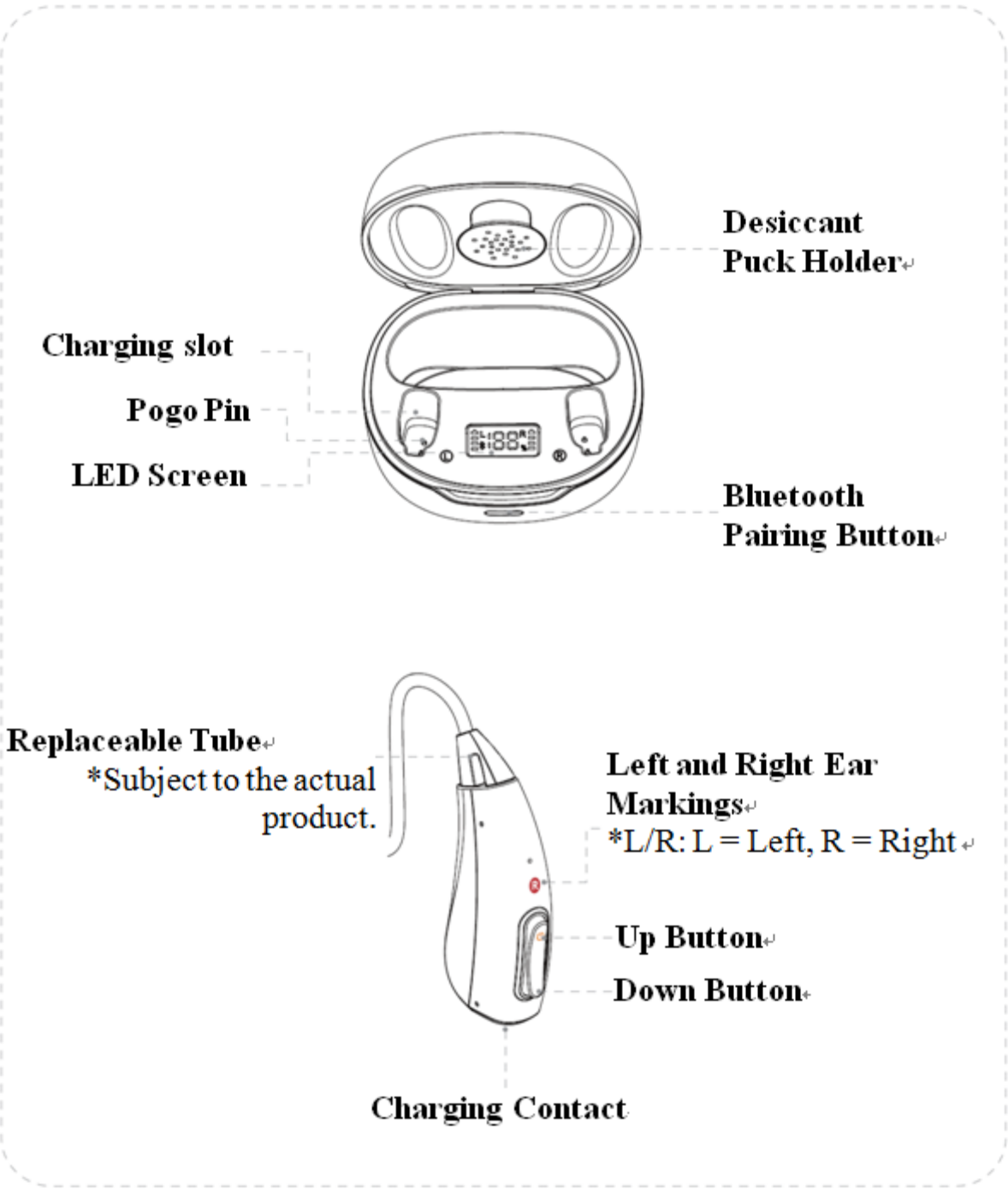
Product Specification Parameters	
Frequency Range:	2402~2480MHz
Output Power:	Right Ear : BLE:6.84 dBm BT: 7.57 dBm Left Ear: BLE:6.41 dBm BT: 6.37 dBm
Operating time	Hearing aid: approximately 14 hours Phone calls: approximately 6 hours Listening to music: approximately 7 hours
Charging time	Hearing aids: 1.5–2 hours for a full charge Charging case: 2.5–3 hours for a full charge
Battery capacity of single hearing aid/charging case	49mAh/500mAh
Transmission distance	≥ 10 meters (visible straight-line distance)
Input current	Charging box: DC 5V or DC 3.7V from battery Hearing aid: DC 3.85V from battery



Note: Product specification parameters are based on laboratory tested data.

*Laboratory tests were carried out in a quiet environment with the volume at 70%.

Product Structural Diagram



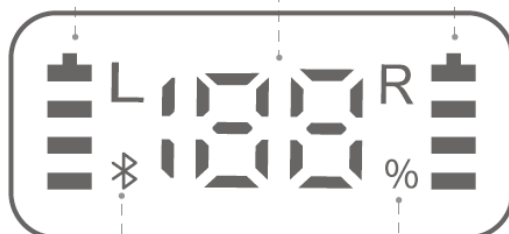
Four Battery Bars on the Left

Battery level of left hearing aid

Battery Level of Charging Case

Four Battery Bars on the Right

Battery level of right hearing aid



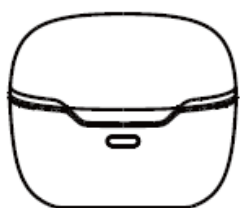
Bluetooth

Charging
"%" Blinking

Fully Charged
"%" Solid on

1. L/R: L = Left, R = Right
2. Four battery bars on the left: Indicate the battery level of the left hearing aid.
Four battery bars on the right: Indicate the battery level of the right hearing aid.
3. Three digits in the middle: Indicate the battery level of the charging case
4. %: Indicates the charging state of the charging case
5. ⌘: Indicates Bluetooth pairing status.

Accessories



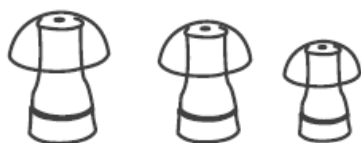
Charging Case



Earhook



Thick Tube



Domes for Thick Tube



Thin Tube



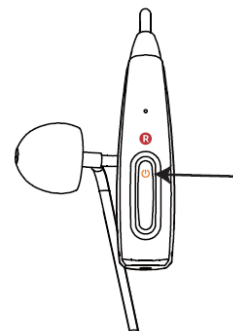
Domes for Thin Tube

Operation Instructions

1. Power On/Off the OTC Hearing Aid

Remove the hearing aids from the charging case, and they will automatically power on after 5 seconds. Place the hearing aids back into the charging case, and they will automatically power off.

To restart the hearing aids, press and hold the UP button for 8 seconds. After restarting, the hearing aid will automatically enter hearing mode in approximately 5 seconds.



Caution:

Wearing the hearing aids properly can help prevent whistling.



The hearing aids are shipped inactivated. When you first receive them, peel off the insulating film, and place them in the charging case for at least 3 seconds to activate them.

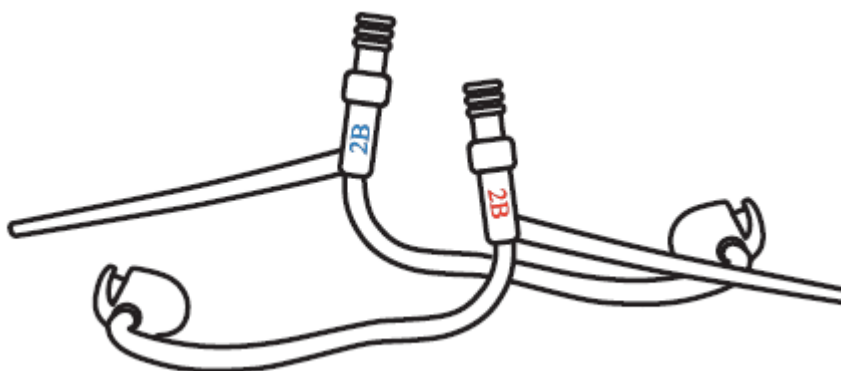
Please peel the film off before use and charge the hearing aid for at least 3 seconds to activate it▶

2. Wearing Instructions

(1) Mounting the thin tube

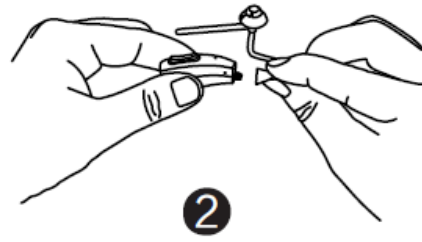
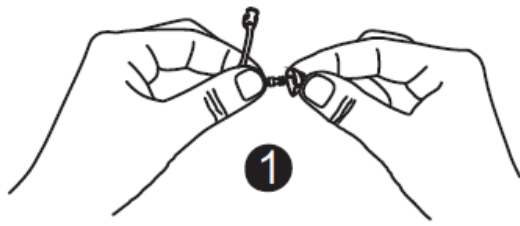
The thin tube with a red marking is for the right ear.

The thin tube with a blue marking is for the left ear.



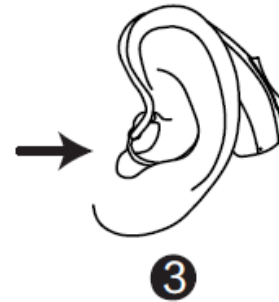
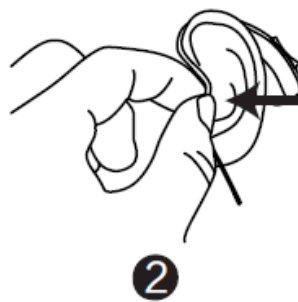
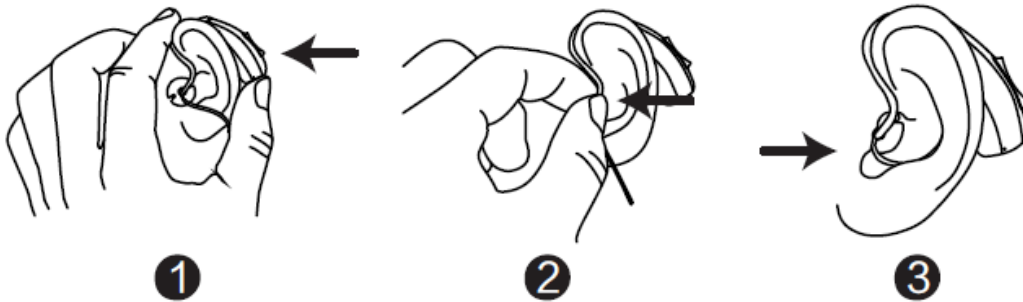
1) Connect the dome: Choose a dome that fits you well, and then insert one end of the tube into the center groove of the dome to obtain a secure attachment.

2) Connect the tube: Insert the other end of the tube into the metal adapter on the hearing aid body and tighten clockwise.



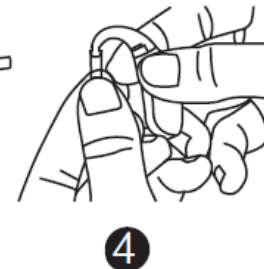
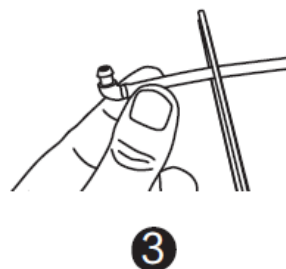
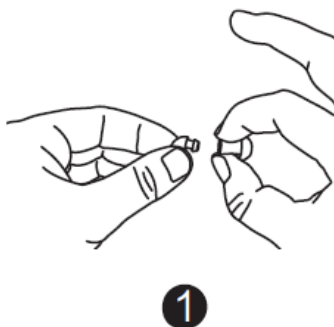
(2) Wearing the OTC Hearing Aid (with thin tube)

- 1) Place the OTC Hearing Aid behind the ear;
- 2) Hold the OTC Hearing Aid with your thumb and forefinger and insert the front end of the hearing aid into the ear canal, making sure the hearing aid fits snugly against the ear canal;
- 3) Slightly adjust the hearing aid until you feel comfortable.



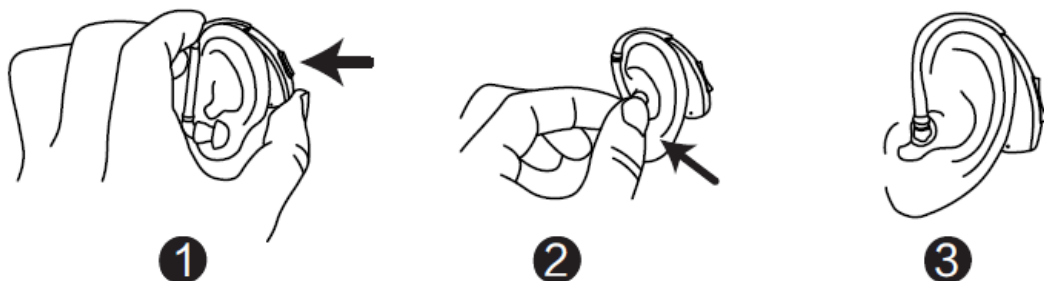
(3) Mounting the thick tube

- 1) Select a dome of an appropriate size and connect it to the thick tube;
- 2) Attach the hearing aid to the back of the ear and insert the dome into the ear canal; align the thick tube flush with the earhook, and mark a line on the tube about 3 mm extending beyond the connection point;
- 4) Connect the thick tube with the earhook.
- 3) Trim off the excess section with scissors;



(4) Wearing the hearing aid (with thick tube)

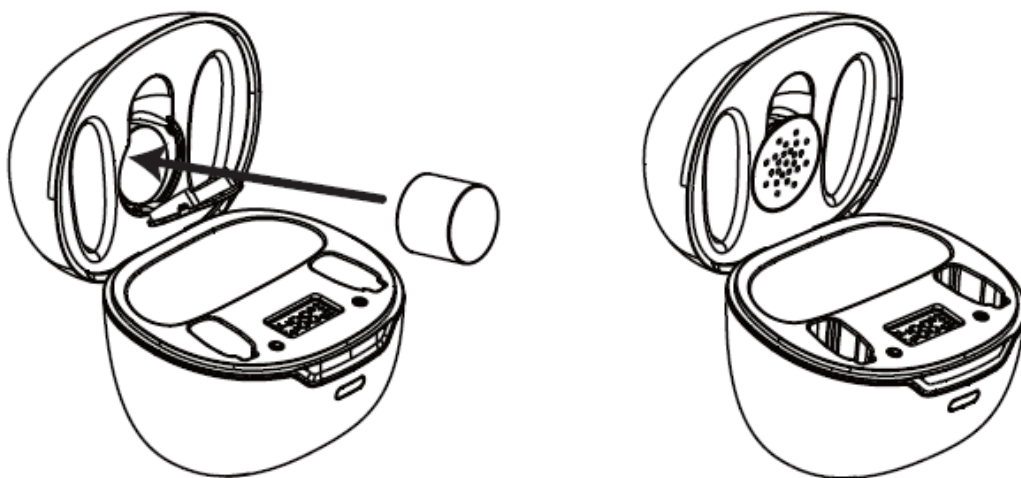
- 1) Place the hearing aid behind the ear;
- 2) Hold the part of the tube near the dome with your forefinger and thumb, point the dome towards the ear canal opening, and gently twist and push it into place;
- 3) Slightly adjust the hearing aid until you feel comfortable.



(5) Mounting and using the desiccant puck

Open the cover of the desiccant puck holder, put the desiccant puck in, and close the cover.

The desiccant beads absorb the water molecules in the cavity of the charging case and on the hearing aids through the meshes to achieve dehumidification effect.



3. Instructions for Charging

(1) Charging the hearing aids

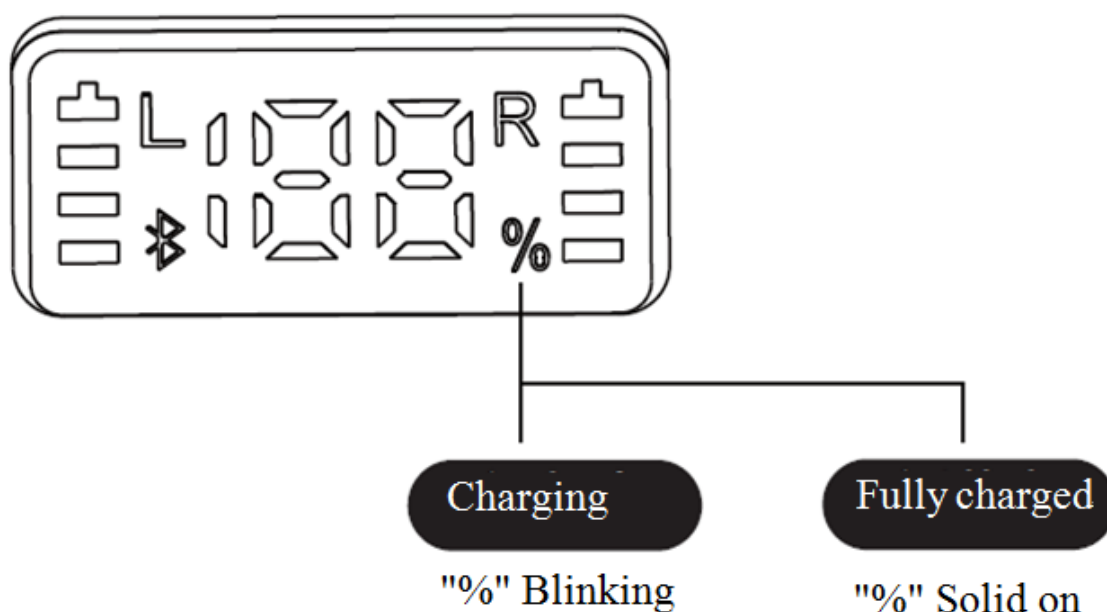
1) When the hearing aids are placed in the charging case, the three digits in the middle of the LED display show the battery level of the charging case, and the four battery bars on the left and right show the battery level of the left and right hearing aids, respectively. When the hearing aids are fully charged, the four battery bars on the left and right will light up for 10 seconds and then go out.

2) It takes about 1.5 to 2 hours to fully charge the hearing aids.

⚠ Caution:

Wipe clean the charging contacts of the hearing aids and the charging case regularly; when the hearing aid battery level drops below 10%/6%/3%, a "low battery" audio prompt will sound.

(2) Description of indicator lights



4. Use Instructions

(1) Bluetooth pairing

1. At the first time of use, open the charging case and enter device pairing;

2. Pairing with a new device: Open the charging case (with the hearing aids resting inside), and press and hold the Bluetooth Pairing button on the charging case for 3 seconds to disconnect from the old device and trigger device pairing.



②



③

Bluetooth



Now discoverable as my device

iFLYTEK Hearing Primo R401 HP



*The specific model is subject to the actual device.

Select the model you want to pair



Caution:

After pairing times out, the hearing aids exit discoverable mode while retaining the ability to automatically reconnect to previously paired devices. When the currently connected device actively disconnects Bluetooth, the hearing aids will re-enter the pairing mode.

(2) Operation of buttons

The device is in the hearing aid mode by default when no audio is connected. By pressing the "Up" or "Down" button, you can adjust the program and volume. The specific operations are as follows:

	Description	Switch Method	Switch Prompt Tone
Volume	Multiple volume levels	Short press the "Up" button / "Down" button	One short press triggers a boop sound.
Mode	Various hearing scenes	Press and hold the "Down" button for 3 seconds	There is a voice broadcast
Restart	Restart	Press and hold the "Up" button for 8 seconds	Beep

*Restart: Perform this operation only when the hearing aid freezes or malfunctions.

(3) Phone mode

When paired via Bluetooth with the phone, the hearing aids will play the ringtone for incoming calls, and you can answer the call by pressing the "Up" or "Down" button; Rejecting or hanging up the call can only be done on the mobile phone.

Explanation of Symbols

Hearing aid fitting must be performed by a fitting specialist or physician. Please pay attention to the following symbols in this IFU. This IFU contains many important safety information. Please be sure to comply with all safety information.

	Operating instruction
	The whole instrument is deemed as type B applied part.
	Hearing aid with BLE Module
	Bluetooth connection (if applicable).
	Direct Current

Precautions

1. Precautions for Battery Use

For rechargeable batteries (batteries integrated with OTC Hearing Aid), do not disassemble, squeeze, heat, or burn the batteries and do not bump or pry the batteries with sharp objects, screwdrivers, etc., as such operations may cause the batteries to catch fire or burn.

2. Precautions for Using the OTC Hearing Aid

- If you experience ear trauma, inflammation, or a feeling of fullness and pain after wearing the OTC Hearing Aid, stop using them and take them to your hearing aid fitting center for consultation. If the condition does not improve, seek medical attention.
- Do not wear the hearing aids during NMR or CT scans, as the radiation from these scanners may damage them. Other types of rays (e.g., rays from burglar alarms, room monitoring systems, radios, mobile phones) are lower in energy level and will not damage hearing aids. However, they may affect the sound quality or cause the hearing aids to produce unwanted noise.
- Please turn off your OTC Hearing Aid in mines and places exposed to explosion hazards, and use them only after making sure that there is no danger.
- Cosmetics such as hairspray and face cream may damage the OTC Hearing Aid. Please remove your OTC Hearing Aid before applying makeup.
- Do not place the OTC Hearing Aid in high-temperature or high-humidity environment, and handle with care to avoid impact or shock.
- Please press the OTC Hearing Aid buttons gently. Excessive force may cause damage.
- Please have the OTC Hearing Aid regularly maintained and inspected at a fitting center to ensure optimal performance.
- The OTC Hearing Aid are electronic products. If not used for an extended period of time, please place them in a dry place to prevent device malfunction.

Care and Maintenance

- The OTC Hearing Aid are precise and sensitive electronic devices. Regular cleaning, removal of earwax and ear debris, and proper care can ensure their service life and reliability. Do not wipe your OTC Hearing Aid with any solvents or detergents. Use a dry, soft cotton or soft cloth instead.
- Wipe off the grease and moisture from the OTC Hearing Aid with a soft, dry cloth and tissue paper. If your OTC Hearing Aid are in a humid environment or are frequently exposed to sweat, place them in the charging case containing a desiccant puck when not in use at night.
- Keep the OTC Hearing Aid out of the reach of children to prevent misuse as toys or accidental swallowing, which may cause unnecessary losses and dangers.
- The OTC Hearing Aid are electronic products. Please place them in a dry place and wipe the contacts before charging each time to prevent device malfunction.
- Make sure your hearing aids are removed when sleeping, bathing, or swimming to prevent them from getting wet.
- Do not immerse the hearing aids in water or other liquids to avoid damage to the circuit.

Electrical Safety Instructions

1. Classification of the Hearing Aids

Device class: Internally powered ME equipment.

Device type: Type B.

Ordinary equipment

Not category AP or APG

Mode of operation: Continuous operation

2. Description of Critical Components

The manufacturer undertakes to provide the technical data including circuit diagrams and list of components to testing technicians if relevant conditions are met. The critical components of the hearing aids include: microphone, receiver, and chip.

3. Radio Transmission Equipment Type Approval Certification

The product's approval code, i.e., the FCC ID, is marked on the colored packaging box.

Contraindications and Cautions

- Theoretically, any person with hearing loss could potentially be a user of OTC Hearing Aid. Currently, there is no comprehensive quantitative indicator to determine whether a person with hearing loss needs a hearing aid. However, in the following situations, one should first seek medical attention, and then the physician or fitting specialist will decide whether a hearing aid is needed according to needs:
- Tinnitus, unilateral or bilateral;
- Unexplained unilateral or bilateral asymmetric hearing loss;
- Hearing loss accompanied by vertigo, headache, or earache;
- Conductive hearing loss due to any reason (otitis externa, otitis media, effusion, cerumen or foreign object blockage, etc.);
- Central and non-organic deafness;
- Other conditions that preclude the use of a hearing aid.



Caution:

A small number of first-time users may experience a sensation of ear occlusion or autophony (hearing your own voice too loudly). These issues typically diminish gradually within three months as they adapt.



Contraindications

The device is contraindicated in patients with acute external otitis, myringitis, chronic suppurative otitis media (in the purulent infection stage), or acute suppurative otitis media, and those who are allergic to its materials.

Service and warranty

Please ask your hearing instrument/care provider, where you purchased your hearing instrument, about the term of the product warranty and service coverage with/without warranty. DO NOT send your instrument directly to the manufacturer for product service or replacement

Manufacturer

Xiamen New Sound Technology Co., Ltd

Address: 1st & 2nd Floor, No. 13 of Xiang yue Rd, Torch Hi-Tech Development Zone, Xiang An District, Xiamen, China

FCC Statement:

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.**

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

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.**