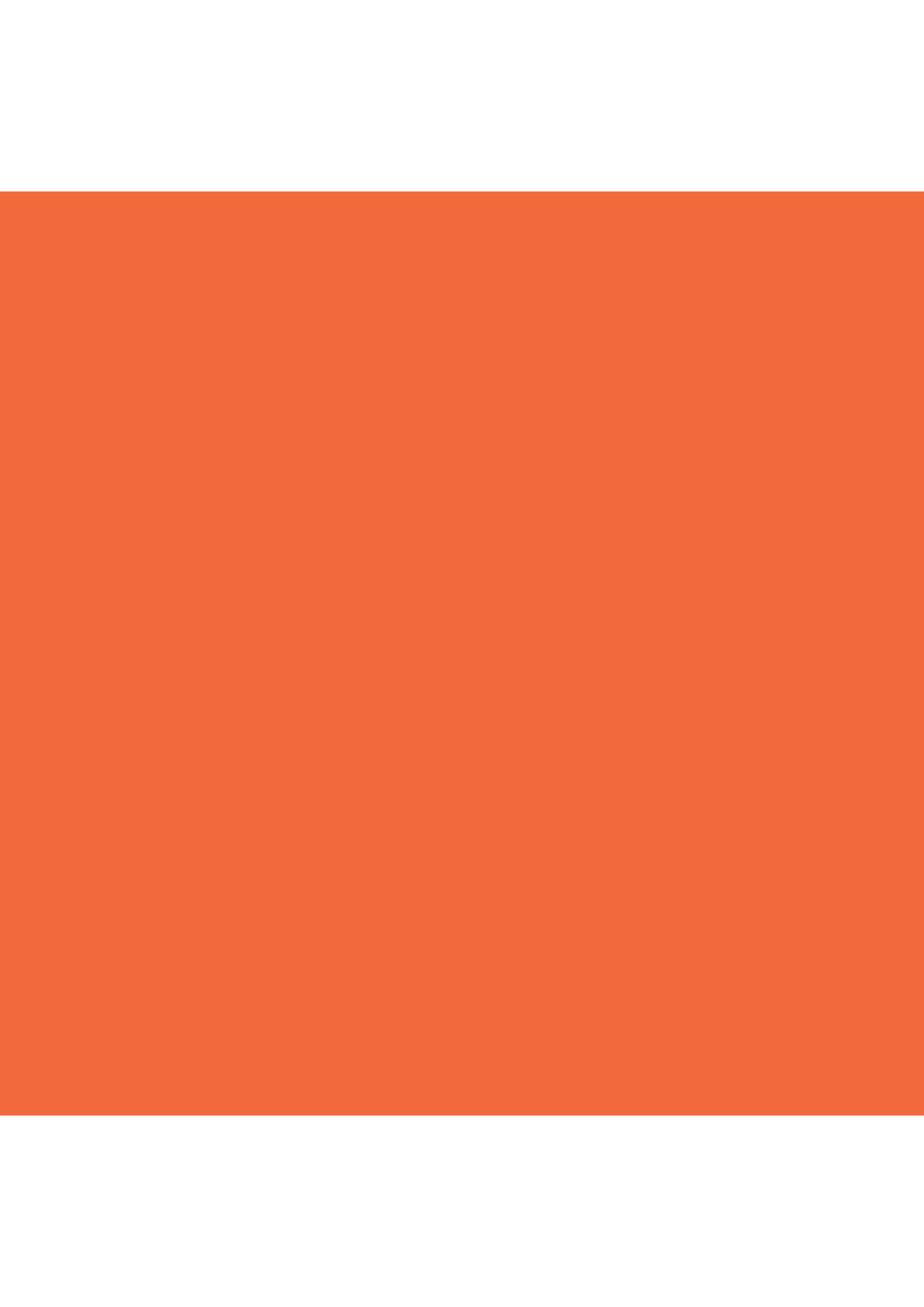


R80 Series

User Manual

WELCOME



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INTRODUCTION

03

Thank you for choosing the R80 series hearing aid. It will effectively improve your listening experience and enhance your quality of life.

Hearing aids require personalized fitting based on individual hearing data, so they are not universal. Before use, please read this user manual thoroughly to fully activate the device's performance.

When operating, be sure to follow the guidelines in the manual; improper operation may cause device malfunction.

If you have additional questions about the usage skills or maintenance methods of the hearing aid, you can consult your audiologist.

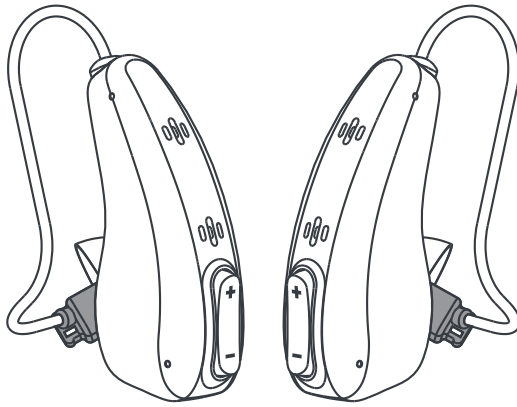
INTENDED USE

05

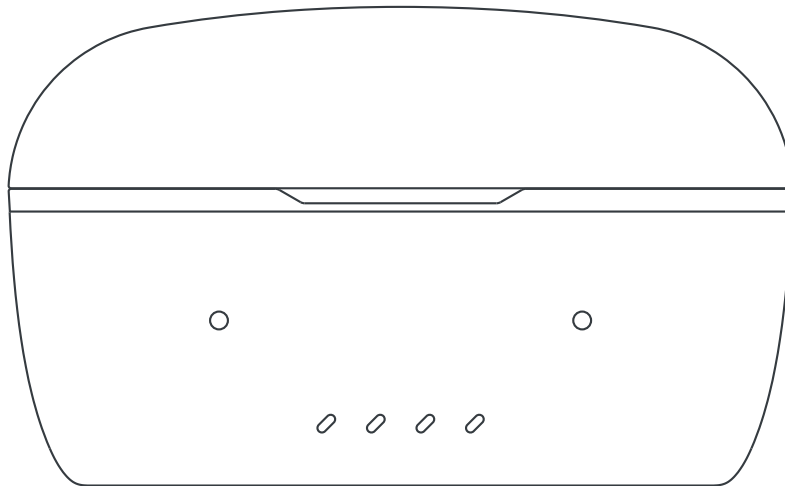
The R80 series hearing aid is designed to address mild to moderate hearing loss in individuals aged 18 and above.

ACCESSORIES

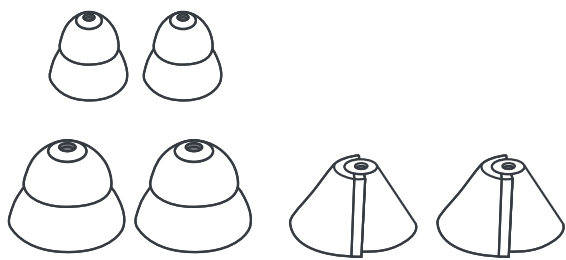
07



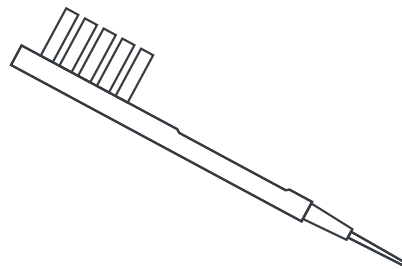
Hearing Aid



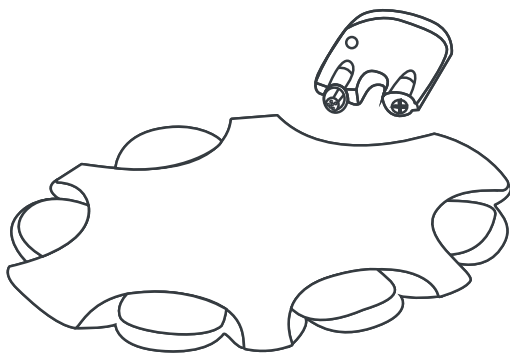
Charging Case



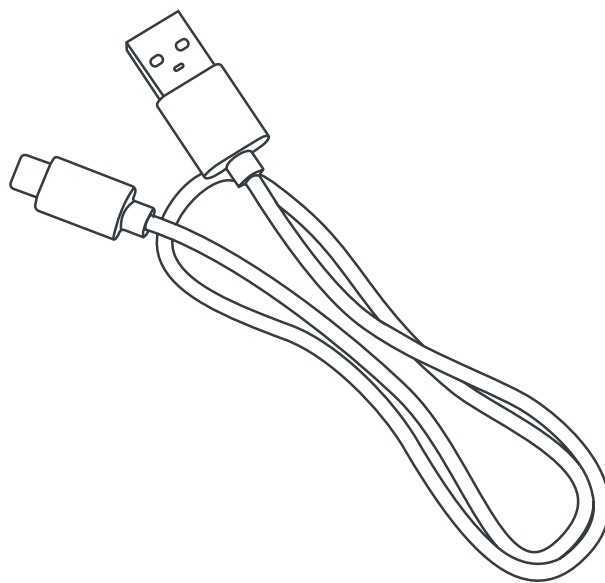
Eartips



Cleaning Brush



Wax Guards



Type-C Charging Cable



User Manual



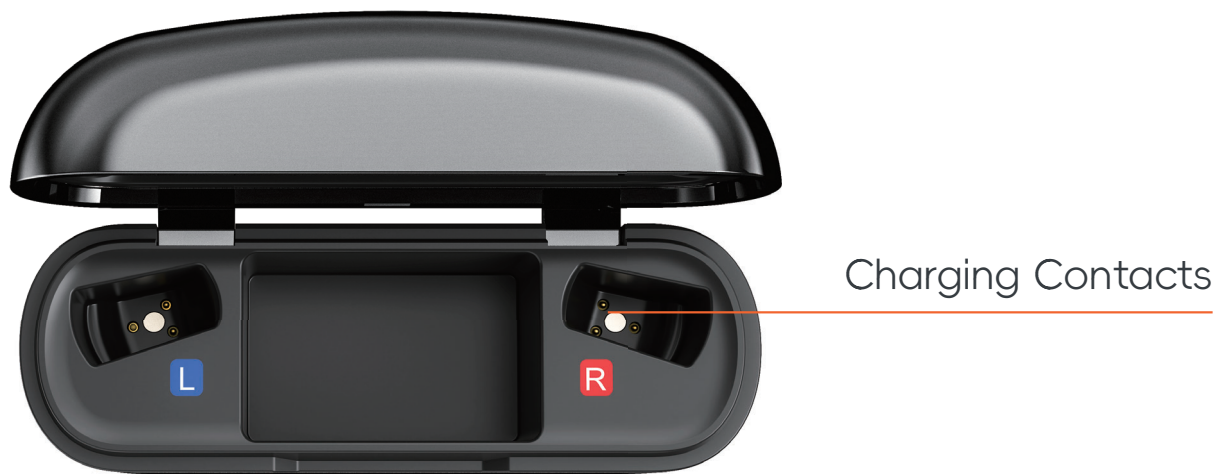
Quick Start Guide

PRODUCT STRUCTURE

4.1 R80 Series (Front)



4.2 R80 Series (Bottom)



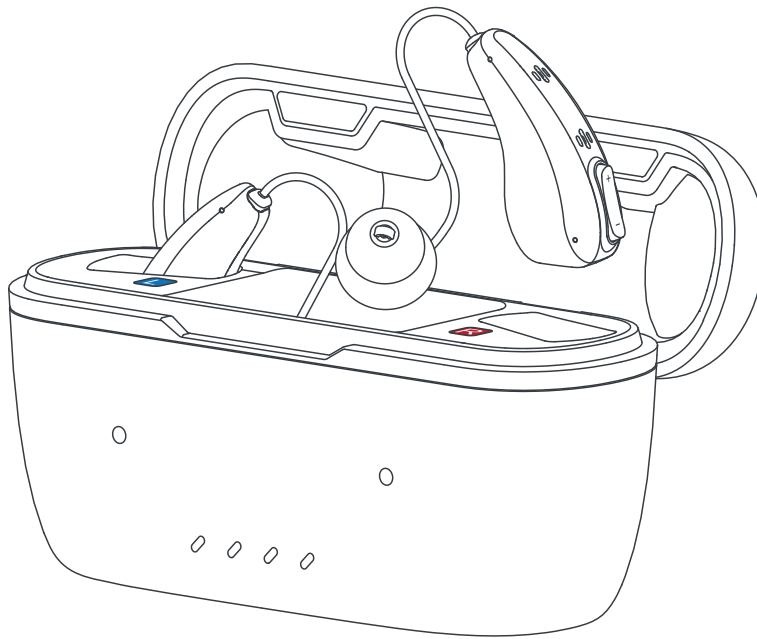
4.3 Charging Case



OPERATION GUIDE

5.1 Hearing Aid Power On/Off

5.1.1 Auto Power On/Off Function



Power ON:

Take one or both hearing aids out of the charging case. They will power on automatically after emitting 5 beeps.

Power OFF:

Put the hearing aid(s) back into the charging case—they will shut down automatically.

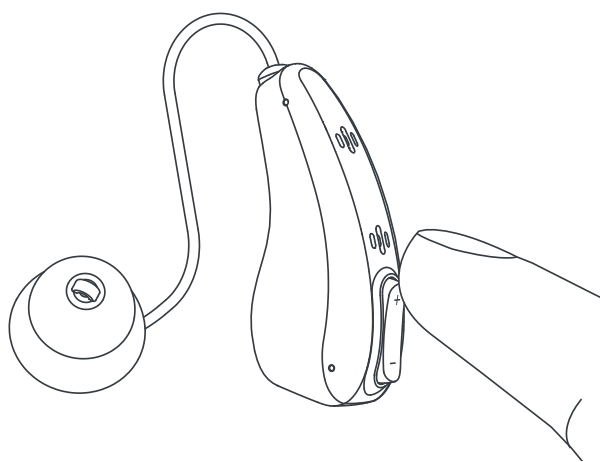
5.1.2 Button Power On/Off Function

Power ON:

Long-press the "Volume Up" button for 3 seconds. The device will power on once it beeps five times consecutively.

Power OFF:

Long-press the "Volume Down" button for 6 seconds until the "Power off" prompt appears to power off the device.



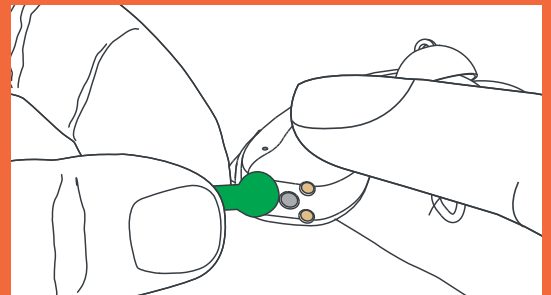
Note:

The hearing aid will automatically save the last volume and mode settings used before power off, and restore these settings when power on.

5.2 Charging the Hearing Aids

Note:

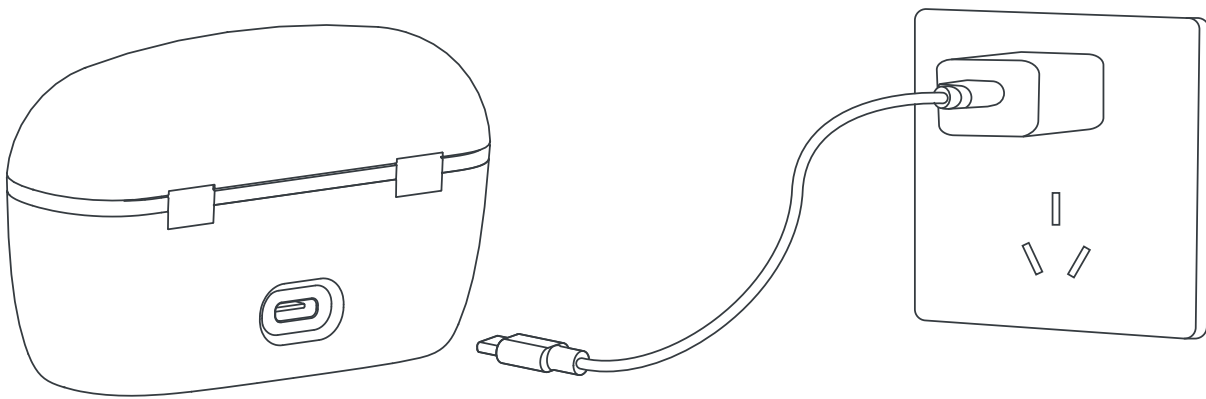
Before the first charging, please remove the insulation tape on the charging contact of the hearing aid.



The charging case features a built-in power storage function. Once fully charged, you can place the hearing aids into the case at any time to charge them.

- When the hearing aids are being charged: The charging indicator light on the hearing aids and the power indicator light on the charging case will both illuminate white.
- When the hearing aids are fully charged: Their charging indicator lights will turn off.

5.3 Charging the Charging Case



Plug the Type-C charging cable (connected to an external power source) into the charging case's port to charge it. For every 25% of the case's battery charged, one of its charging indicator lights stays on. When fully charged, all four lights stay on, then turn off.

5.4 Charging Parameters

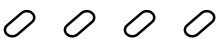
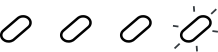
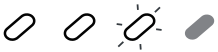
	Hearing Aid	Charging case
Charging Time	$\leq 1.5\text{H}$	$\leq 1.5\text{H}$
Endurance Time	$\geq 24\text{H}$	Fully charge a pair of hearing aids 3 times

5.5 Indicator Light Instructions

5.5.1 Hearing Aid Charging Indicator

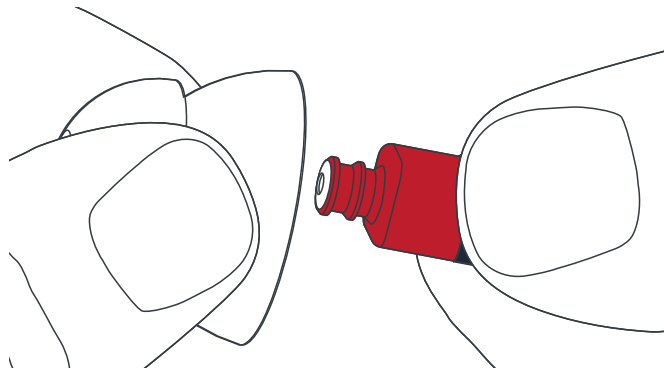
Status Icon	Indicator Light Status	Corresponding Meaning
	The hearing aid's charging indicator stays on	The hearing aid is charging
	The hearing aid's charging indicator turns off	The hearing aid has finished charging

5.5.2 Charging Case Battery Indicator

Status Icon	Indicator Light Status	Battery Level Range
	All four lights stay on.	100%
	The 1st, 2nd and 3rd lights stay on, and the 4th light flashes.	75-99%
	The 1st and 2nd lights stay on, the 3rd light flashes, and the remaining one light is off.	50-74%
	The first light stays on, the second light flashes, and the remaining two lights are off.	25-49%
	The first light flashes, and the remaining three lights are off.	0-24%

5.6 How to Replace Hearing Aid Eartips

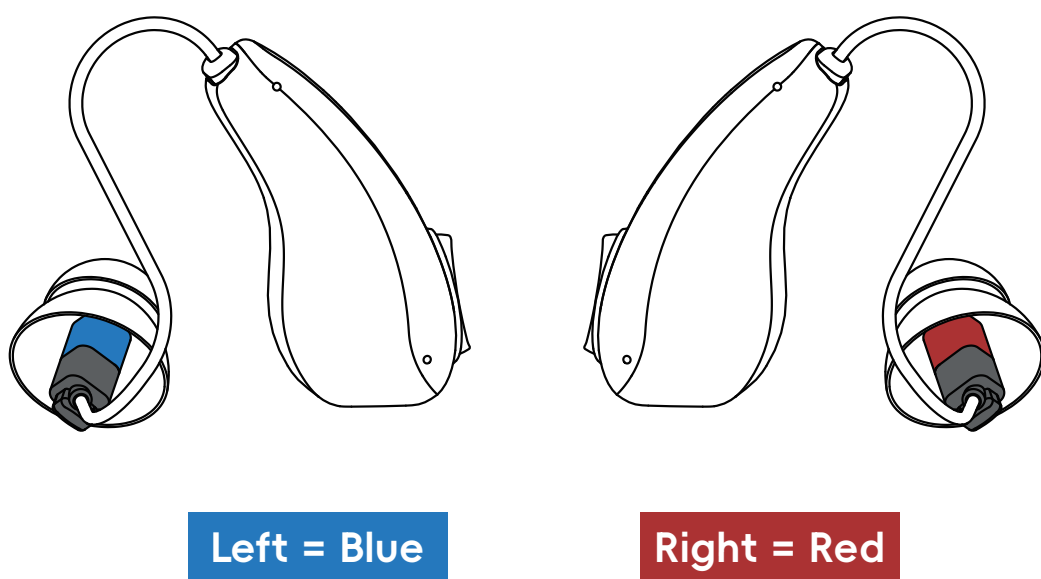
- (1) Gently pinch the external receiver, then pull to remove the old eartip.
- (2) Select ear eartips that fit your ear canal and insert them into their original positions.



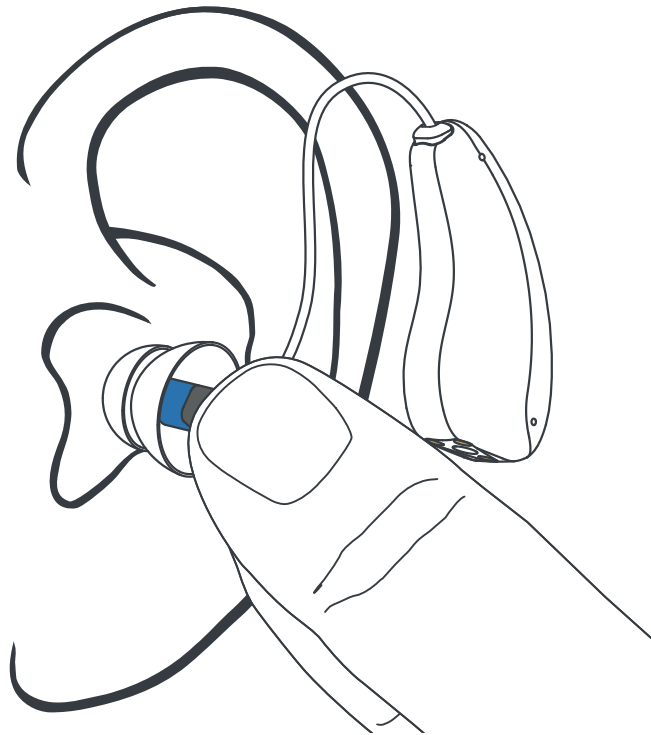
Note:

Choose hearing aid eartips slightly larger than your ear canal (with no pressure): too small ones slip easily and reduce sound quality/volume; too large ones get stuck in the canal or cause discomfort. Left and right ear canals often differ in size (normal)—test eartips for 1 hour during daily activities to find the best fit.

5.7 How to Wear a Hearing Aid



(1) Differentiate between the left and right hearing aids. The **left ear** device features a **blue receiver**, while the **right ear** device is equipped with a **red receiver**.

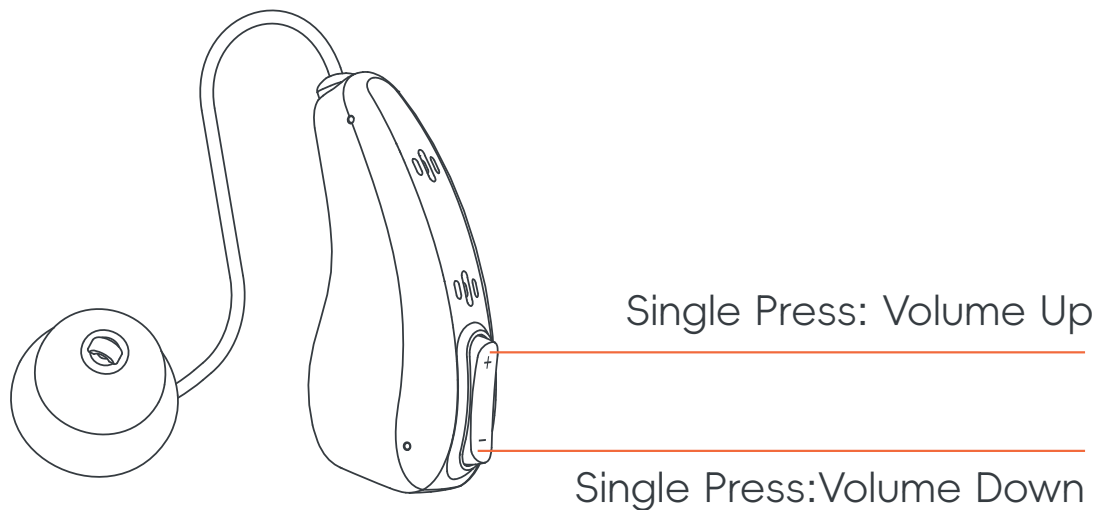


(2) Pinch the Receiver of the hearing aid with your fingers, align the eartip with the ear canal, and insert it gently.



(3) Hang the hearing aid behind your ear and adjust it slightly to a comfortable position.

5.8 How to Adjust the Hearing Aid Volume



Volume Up

Single press the "Volume Up" button. After hearing a "beep", the volume will increase by one level (11 levels in total). When the volume reaches the maximum level (Level 11), a double "beep" will sound as a prompt.

Volume Down

Single press the "Volume Down" button. After hearing a "beep", the volume will decrease by one level. When the volume reaches the minimum level (Level 1), a double "beep" will sound as a prompt.

5.9 How to Adjust the Hearing Aid Mode



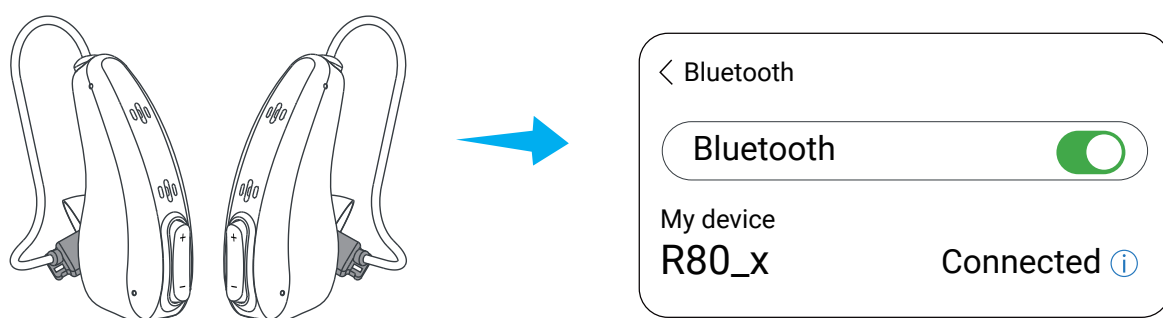
The hearing aid has 3 modes in total, which can be distinguished by prompt beeps. Adjustment methods are as follows:

- Long-press the "Volume Up" button for 2 seconds, and the mode will cycle in the order of Mode 1 → Mode 2 → Mode 3;
- Long-press the "Volume Doen" button for 2 seconds, and the mode will cycle in the order of Mode 3 → Mode 2 → Mode 1.

Cue Tone	Mode	Application Environment
"Beep" sound	Quiet Mode (Mode 1)	Suitable for quieter indoors
"Beep" twice	Restaurant Mode (Mode 2)	Suitable for noisy indoor environments such as restaurants and shopping centers
"Beep" three times	Outdoor Mode (Mode 3)	Suitable for outdoor environments

BLUETOOTH AUDIO FUNCTION

6.1 How to Connect Bluetooth



(1) Open "Settings" on your mobile phone. Ensure Bluetooth is turned on and set to "discoverable" mode (to detect nearby Bluetooth devices).

(2) Turn on the hearing aid. It will automatically enter pairing mode and remain in this mode for 5 minutes.

(3) From the list of Bluetooth devices on your phone, select the device named "R80_x" .

(4) When your phone pairs successfully with the hearing aid, you will hear a voice prompt saying "Connected".

6.2 Bluetooth Call Mode Button Instructions

Function	Operation
Answer a call	Press any button once
Increase volume	Press the "Volume Up" button once
Decrease volume	Press the "Volume Down" button once
End a call	Press and hold any button for 2 seconds

6.3 Bluetooth Audio Mode Button Instructions

Function	Operation
Pause streaming	Long press any button for 2 seconds
Increase volume	Press the "Volume Up" button once
Decrease volume	Press the "Volume Down" button once
Previous track	Double press the "volume Down" button
Next track	Double press the "volume Up" button

6.4 Notes on Bluetooth Mode

- Once your hearing aid is paired with your mobile phone, the devices will connect automatically as long as the Bluetooth function of both is enabled and they are within the distance range (10 meters). This process takes up to 2 minutes.
- After the hearing aid is connected to a Bluetooth device, it defaults to the hearing aid mode. It will switch to Bluetooth audio mode automatically when it receives Bluetooth audio, and switch back to hearing aid mode automatically when Bluetooth audio stops.
- If the hearing aid is not connected to a Bluetooth device within 5 minutes after being turned on, the Bluetooth function will go into automatic sleep mode, and no Bluetooth device can be connected at this time. You can reactivate the Bluetooth function of the hearing aid and connect to a Bluetooth device by clicking the hearing aid button or turning the hearing aid on again.

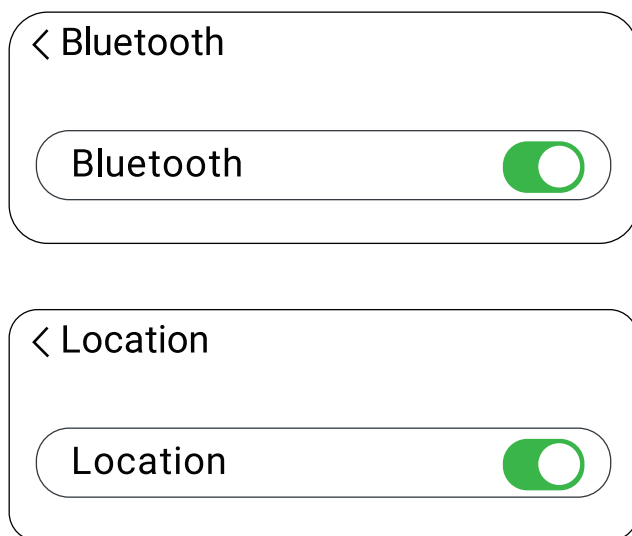
HA-Fit APP

7.1 HA-Fit APP Download

- A. For Android users: Scan the QR code, or search for, download and install "HA-Fit" from the "Google Play" Store;
- B. For iOS users: Scan the QR code, or search for, download and install "HA-Fit" from the "App Store".

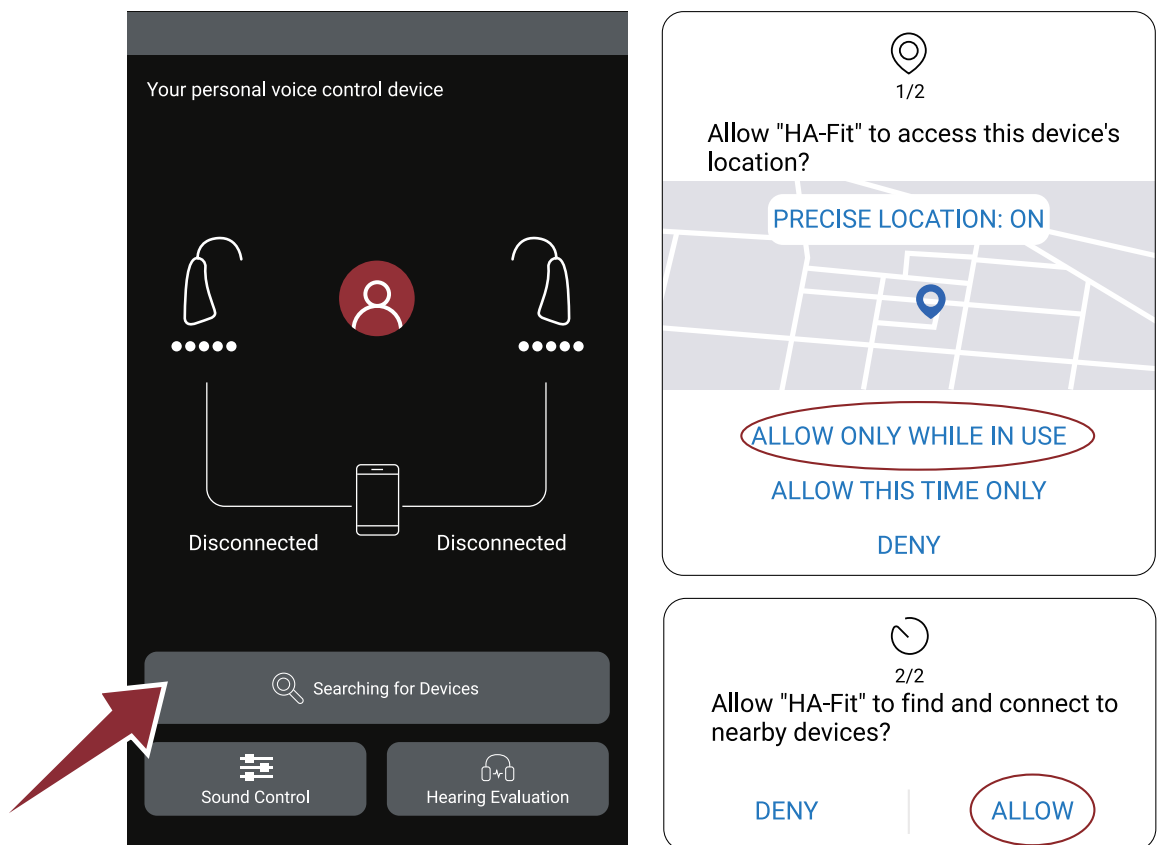


7.2 Connect Hearing Aids to Android Devices



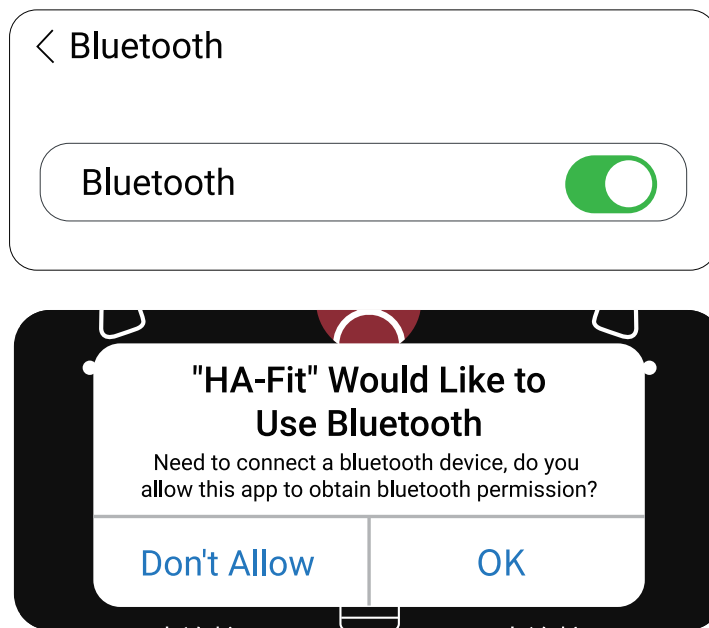
(1) Turn on the Bluetooth and location functions on your Android device.

(2) Activate the Bluetooth function by pressing the hearing aid button or turning the hearing aid on again.



(3) Open the HA-Fit app, tap the "Searching for Devices" button, and the hearing aid will then connect to the app. (For the first connection, you need to allow the app to access location information and search for nearby devices.)

7.3 Connect Hearing Aids to iOS Devices



- (1) Turn on the Bluetooth function on your iOS device.
- (2) Activate the Bluetooth function by pressing the hearing aid button or turning the hearing aid on again.
- (3) Open the HA-Fit app, tap the "Searching for Devices" button, and the hearing aid will then connect to the app. (For the first connection, you need to allow the app to access location information and search for nearby devices.)

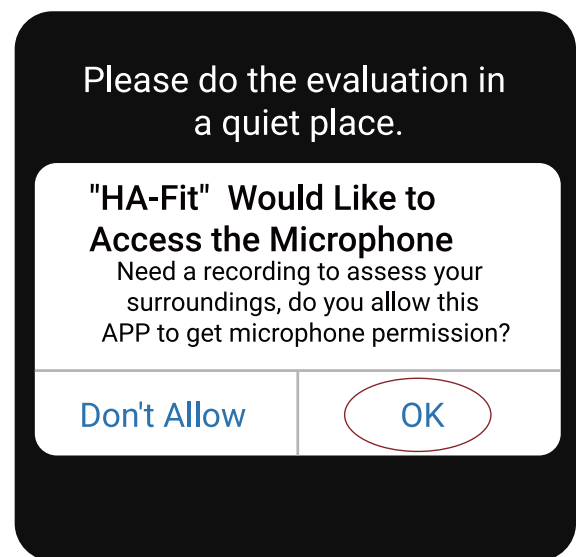
7.4 "Hearing Evaluation" Button

Using the hearing assessment module, you can quickly set your hearing aids according to your hearing characteristics.

(1) Wear the hearing aid and click the "Hearing Evaluation" button (you need to grant "microphone access permission" to the APP when using this function for the first time).

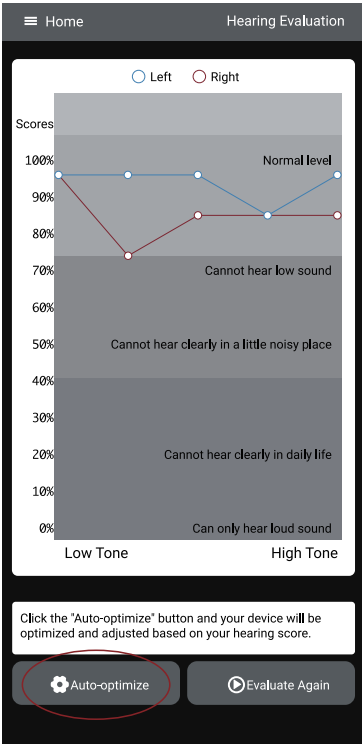
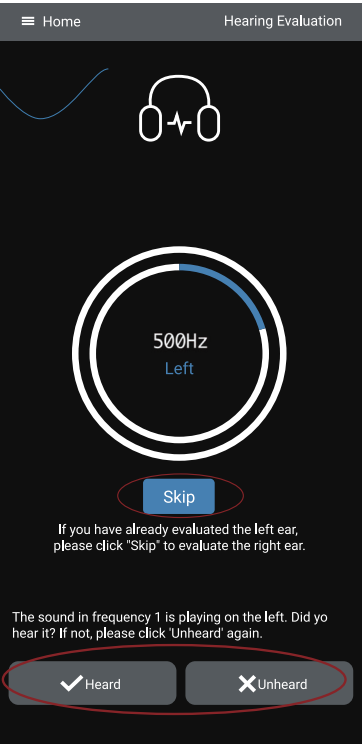
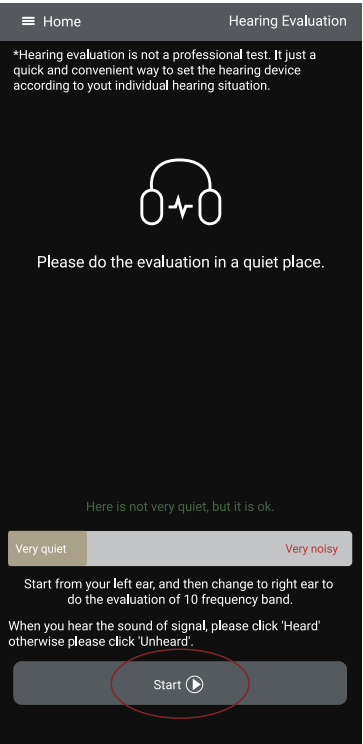


"Android" Device



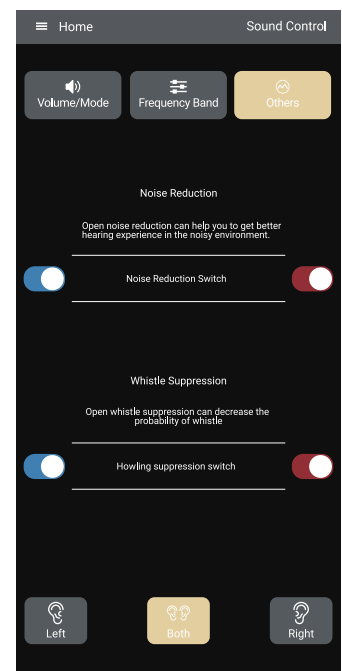
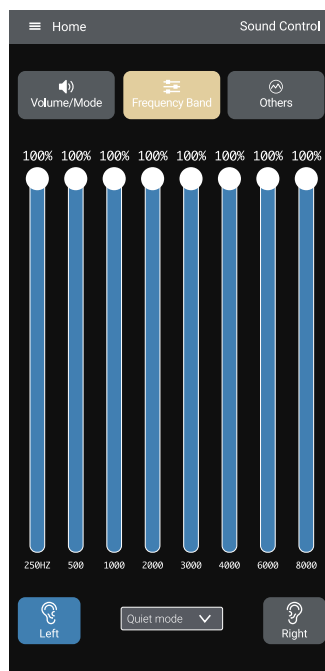
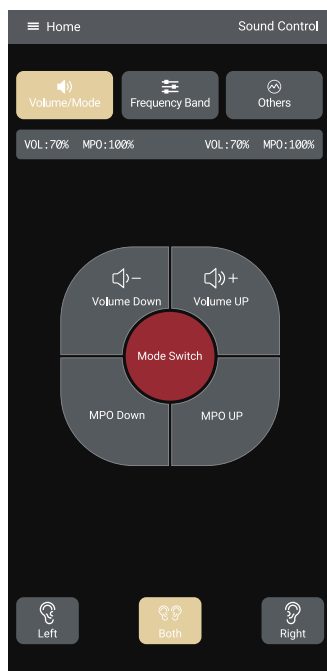
"iOS" Device

- (2) Choose a quiet place according to the APP prompts and click the "Start" button.
- (3) Click the button according to the APP prompts.
- (4) After the hearing assessment is completed, the APP will generate an audiogram based on the current hearing situation. Click "Auto Optimize" to optimize the hearing aid settings.



7.5 "Sound Control" Button

Click the "Sound Control" button on the home page to adjust the hearing aid's volume, program, frequency band, noise reduction switch and howling suppression switch. (MPO refers to the maximum sound output limit. Adjust the MPO to avoid the sound size exceeds your discomfort threshold. Click "MPO Down" to reduce the maximum sound output level and click "MPO Up" to increase it.)

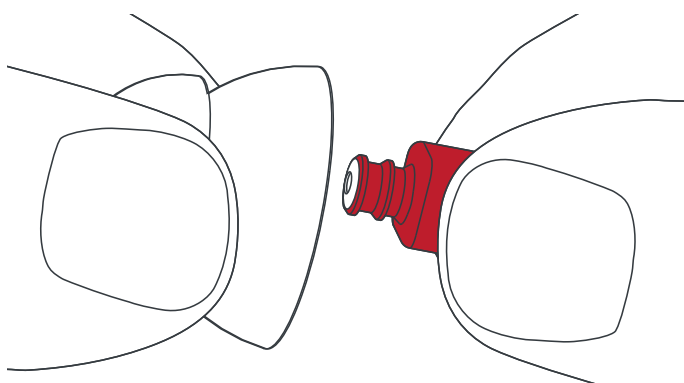


7.6 Precautions for APP Connection

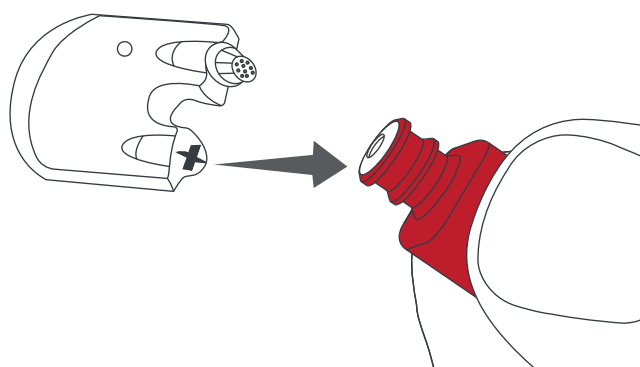
- For the app to work properly, Android devices must have Bluetooth and location services turned on, and allow the app to access Bluetooth permissions and location services. iOS devices must have Bluetooth turned on and allow the app to access Bluetooth permissions.
- If the hearing aid is not connected to Bluetooth or the app within 5 minutes of being turned on, its Bluetooth function will automatically go into sleep mode, and the app cannot be connected at this time. You can reactivate the hearing aid's Bluetooth function and connect to the app by pressing the hearing aid's multi-function button once or turning the hearing aid on again.

MAINTENANCE AND CLEANING

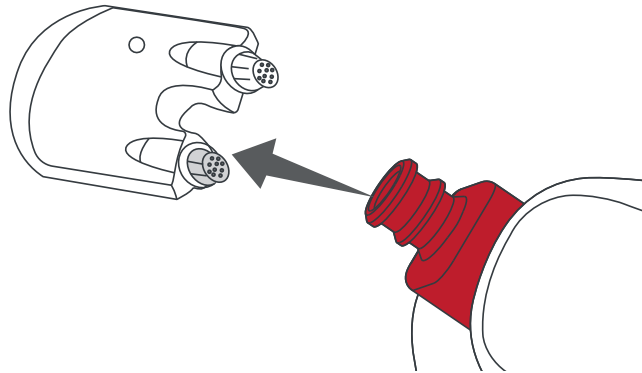
8.1 How to Replace Wax Guards



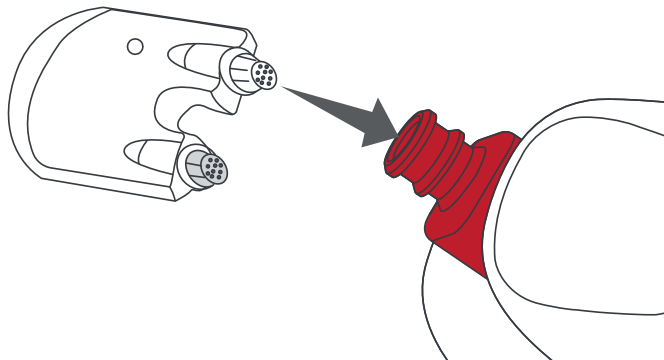
(1) Pinch the external receiver to remove the ear eartips.



(2) Insert the bottom end of the wax guard kit (without the new wax guards) into the speaker of the external receiver.



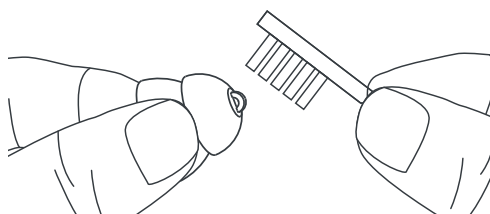
(3) Pull out the wax guard kit, it will remove the old wax guard along with it.



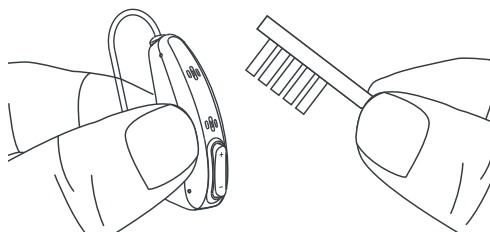
(4) Insert the section with the new wax guard into its original position, ensuring a tight installation, then remove and dispose of used wax guard kit.

8.2 Daily Cleaning

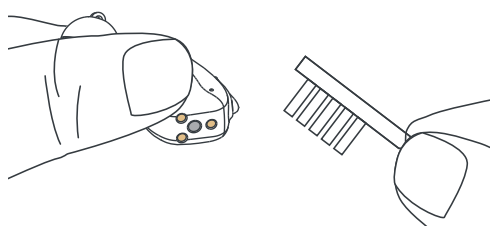
Use a cleaning brush to remove wax and debris from the eartips.



Use a cleaning brush to remove wax and debris from the microphone vent.



Use a cleaning brush to remove wax and debris from the charging contacts and magnetic contacts.



TROUBLESHOOTING GUIDELINES

Malfunction	Possible Reasons for
No sound	Low volume
	Equipment is out of power
	Microphone clogging
	Wax guard is blocked
The voice was low, weak, or unclear	The battery is low
	The eartips are too loose
	Eartips or wax guard have wax on them
	Hearing change
Abnormal bluetooth function	Hearing aids are connected to other devices

The Solution	
	Increase the volume
	Charge your hearing aid
	Clean microphone
	Replace wax guard
	Charge your hearing aid
	Choose the right size to wear
	Clean dirt from ears and eartips; Replace New wax guard
	Contact your doctor
	1. Turn off Bluetooth for other devices and restart your hearing aid 2. Press and hold the multi-function button for 10s to restore Bluetooth Settings

Malfunction	Possible Reasons for
Abnormal bluetooth function	Your hearing aid has been connected to other smart devices
	The Bluetooth connection is unstable
Hearing aid whistles in the charging case	The hearing aid is placed out of position
	Low battery of the charging case
Hearing aid is in the charging case, the hearing aid charging indicator light is not on	Poor contact of charging contact
	The hearing aid is placed out of position
	Green insulation sticker cover has not been removed

The Solution
Turn off Bluetooth for other smart devices and reconnect the smart device you need to connect to
Minimize the distance between hearing aids and smart device
Remove the hearing aid from the charging case and place the hearing aid in the charging case according to the "L,R" mark
Charge the charging case
Insert the hearing aid back into the charging base. If the issue persists, ensure that the charging contacts are clean. Use the provided brush from the accessories kit to thoroughly remove any debris
Check to see if your hearing aid is upside down
Remove and discard green insulation sticker cover

TECHNICAL PARAM

MAX Output (OSPL90)	110+3 dB
HF Average Output (OSPL90)	105±4 dB
Full-on Gain (FOG50)	NA
HFA Full-on Gain (FOG50)	30±5 dB
Equivalent Input Noise	20+3 dB
Frequency Range	F1<250 Hz F2>5000 Hz
Total Harmonic Distortion	≤3%

SAFETY AND HEALTH INFORMATION

Important Information

The hearing aids are designed for an expected service life of 5 years. They are expected to remain safe for use for this duration.

Transportation and Storage Conditions

	Temperature	0 to +38 °C
	Relative humidity	0 to 80 %

Transportation and Storage Conditions

	Temperature	-10 to +40 °C
	Relative humidity	0 to 80 %
	Atmospheric pressure	860 to 1060 hPa

Waste Disposal

Charging cases, hearing aids, and charging cables should not be discarded as household waste and should be sent to appropriate collection facilities for recycling. Everything else is normal waste. Proper handling and recycling can help protect natural resources, human health, and the environment.



Expected Service Life of Product and Components: 5 Years

**Classification: The hearing aids are classified as a
Type B Applied Part, IEC 60601-2-66 .**



Medical Device Images



Points out a situation that could lead to serious, moderate, or minor injuries.



According to IEC 60601-1, the applied part of this device are classified as type B.



Do not dispose of the device with general domestic waste. Read more in section 'Disposal information'.



Indicates the ambient temperature limit to which the medical device can be safely exposed.



Indicates the ambient humidity limit to which the medical device can be safely exposed.



Indicates the atmospheric pressure limit to which the medical device can be safely exposed.



Read and follow the instructions in the user guide.



Indicates that the item is a medical device.

SAFETY USAGE GUIDE

This product is not suitable for individuals with the following conditions:

(1) Absolute Contraindications:

- Auditory nerve loss.
- Sudden or rapidly progressive hearing loss.
- Recent sudden tinnitus or unilateral tinnitus.
- Unilateral deafness of unknown cause or significantly asymmetrical deafness.
- Pain in either ear.

(2) Relative Contraindications:

- Poor overall health status.
- Uncontrollable emotional states.
- Congenital aural atresia or external ear malformation.
- Excessive foreign bodies in the ear canal.
- Unstable fluctuating hearing loss.

- Persistent symptoms such as headache, dizziness, ear pain, tinnitus, or discomfort.
- Recent acute ear issues, such as sudden deafness, rapidly progressive deafness, or acute ear disease within the past 3 months.
- Recurrent purulent discharge from the middle ear.
- Non-organic central deafness.
- Acute external auditory canal infection, middle ear infection, or chronic suppurative otitis media (during the purulent infection phase).

Precautions

- Unauthorized maintenance may cause harm to the device and maintenance personnel. Do not replace parts by yourself. If a problem occurs, send it to the manufacturer for maintenance.
- Only use authorized accessories to avoid damaging the device or causing harm.
- Unattended components during patient use are for operators only.
- Keep the device away from children and pets to prevent them from choking on small parts.
- The earmuffs are made of silica gel; the parts in contact with the skin are made of ABS and PC materials. Be aware of possible allergies.
- Due to the small size of the hearing aid, keep it away from children/pets to prevent damage.
- Ensure the hearing aid system is used in areas where electronic device restrictions apply.

- If you have otitis media, ear canal inflammation, or an exposed middle ear cavity, avoid using assistive devices with earplugs or earwax protection.
- Cotton, dust, strong light, and high temperatures can all affect performance. Avoid these conditions.
- Due to electromagnetic fields, do not wear the hearing aid during X-rays, scans, or surgeries. Loud sounds exceeding 132 dB may damage hearing. Remove the hearing aid in areas with strong magnetic fields or high noise levels.
- Avoid extreme high temperatures, such as leaving the assistive device in a hot car.
- Do not use the assistive device in areas with high oxygen/pressure; there is a risk of fire/explosion.
- If you have an implant such as a pacemaker:
 - (a) Keep the wireless assistive device 15 centimeters away from the implant. If a problem occurs, turn off the wireless function and consult the implant manufacturer.
 - (b) Keep magnets 15 centimeters away from the implant.

IMPORTANT FCC COMPLIANCE INFORMATION

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.