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ReSound GN

ReSound ONE™

User guide

ReSound Receiver-In-The-Ear hearing aids

GN Making Life Sound Better

resound.com

Hearing aid information

Left hearing aid		Right hearing aid	
Serial number		Serial number	
Model number		Model number	
Battery type	☐ Rechargeable ☐ Zinc-Air 312 ☐ Zinc-Air 13		

Dome/ earmould type	Closed dome	Open dome	Power dome	Tulip	RIE earmould
	☐ Small ☐ Medium ☐ Large	☐ Small ☐ Medium ☐ Large	☐ Small ☐ Medium ☐ Large	☐	☐

Program	Beep	Description
1	One beep	
2	Two beeps	
3	Three beeps	
4	Four beeps	

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Introduction

Thank you for choosing our hearing aids. We recommend that you use your hearing aids every day.

NOTE: Read this booklet carefully BEFORE using your hearing aids.

Intended use

Generic air-conduction hearing aids are wearable sound-amplifying devices intended to compensate for impaired hearing. The fundamental operating principle of hearing aids is to receive, amplify, and transfer sound to the eardrum of a hearing impaired person.

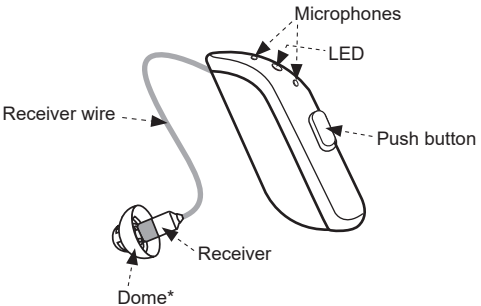
For devices including a Tinnitus Sound Generator module

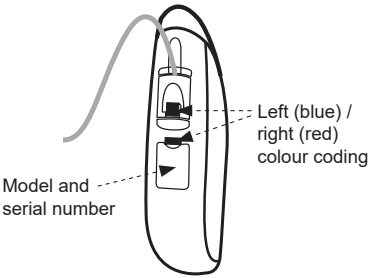
The Tinnitus Sound Generator (TSG) Module is a software tool that generates sounds to be used in tinnitus management programmes to relieve suffering from Tinnitus.

The target population is primarily the adult population over 18 years of age. This product may also be used with children 12 years of age or older.

Getting to know your hearing aid

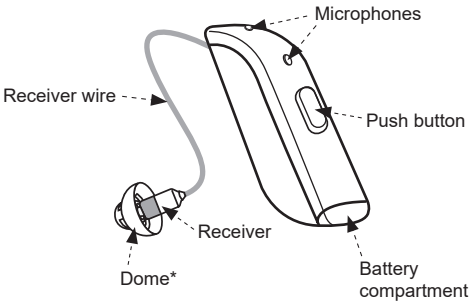
Rechargeable model

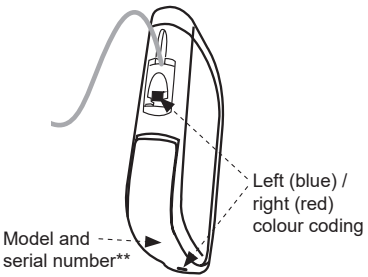




*Open dome is shown – yours may look different.

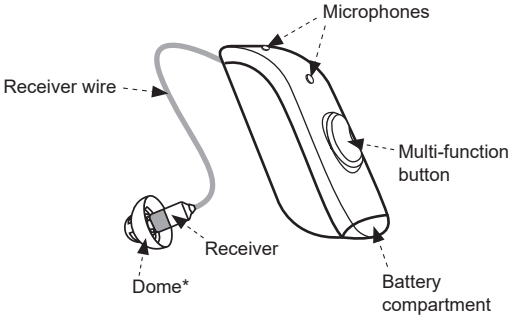
Zinc-Air battery model (312)

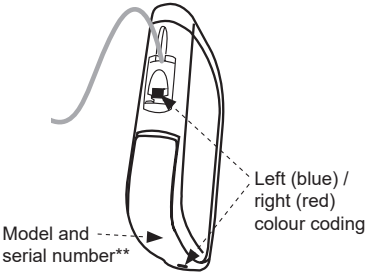




*Open dome is shown – yours may look different.
**Inside battery compartment.

Zinc-Air battery model (13)





*Open dome is shown – yours may look different.
**Inside battery compartment.

Domes and earmoulds

Tulip dome

Power dome

Open dome

Closed dome

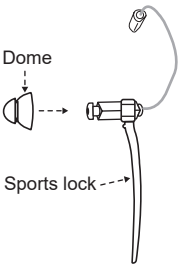
Custom earmould

Domes are all light grey.

Receivers and sports lock

Your receiver may have a microphone as shown here.

Your hearing aids are colour-coded.
Left = blue. Right = red



The sports lock helps keep your hearing aids in place when you are physically active.

Preparing your hearing aids for use

Battery warnings – all models

WARNING: Batteries are harmful to the environment. Therefore, never try to burn them – dispose of your used batteries according to your country's regulations or return them to your hearing care professional.

Battery warnings – Rechargeable model

WARNINGS:

- Rechargeable hearing aids contain Li-Ion batteries. Exposure or ingestion can be seriously harmful.
- Never put your rechargeable hearing aid in your mouth. Keep your rechargeable hearing aid away from pets, children and people with cognitive, intellectual or mental health challenges.
- If a Li-Ion battery or a rechargeable hearing aid is swallowed, seek immediate medical attention.

- If the outer casing of your rechargeable hearing aid is broken, the rechargeable batteries inside may leak. In this case, do not attempt to use the hearing aid – contact your hearing care professional.
- Battery leakage can cause chemical burns. If you get exposed to battery leakage material, rinse immediately with warm water. If you get chemical burns, redness or skin irritation from battery leakage, seek medical attention.

Battery warnings – Zinc-Air battery models

WARNINGS:

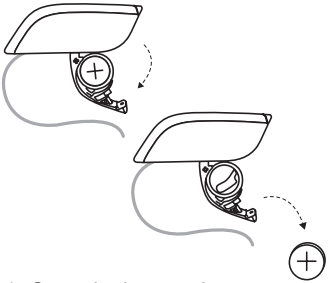
- Swallowing a Zinc-Air battery can be harmful to your health. If a battery has been swallowed, seek immediate medical attention.
- Never put a hearing aid battery in your mouth.
- Keep hearing aid batteries away from pets, children and people with cognitive, intellectual or mental health challenges.

CAUTIONS:

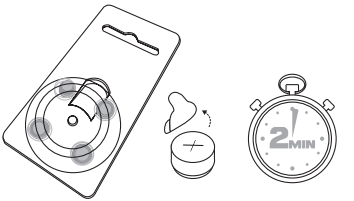
- Batteries can leak. If you are not going to use your hearing aids for a few days, you MUST remove the batteries.
- Battery leakage can cause chemical burns. If you are exposed to battery leakage, rinse immediately with lukewarm water. If you get chemical burns, redness or skin irritation, seek immediate medical attention.
- Never try to charge Zinc-Air batteries as this can cause leakage or a small explosion.

NOTE: Always use new Zinc-Air batteries that have a minimum remaining shelf life of one year.

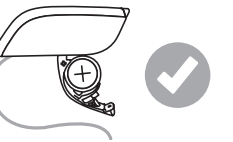
Inserting the battery into your hearing aid – Zinc-Air battery models



1. Open the battery door with your fingernail. Remove the old battery (if there is one).



2. Remove the packaging and protective foil from the new battery. Wait for **two minutes** while the battery activates.



3. Insert the new battery, with the plus (+) sign correctly positioned, into the battery compartment door.
   Do **not** insert it directly into the hearing aid.
4. Close the battery door.

NOTE: To save battery, turn off your hearing aids when they are not in use.

At night, switch off the hearing aids and open the battery doors completely to allow moisture to evaporate and prolong the hearing aids' lifespans.

If the hearing aids are experiencing frequent loss of connection to wireless accessories, contact your hearing care professional for a list of low impedance batteries.

Charging your hearing aids – Rechargeable model

We recommend that you fully charge your hearing aids before using them. To learn how to charge your hearing aids, please consult the manual for your hearing aid charger.

Low Battery Warning (all models)

When the batteries are low on power, your hearing aids reduce the volume, and play a melody every 15 minutes until they are empty and turn off.

NOTE: Keep spare batteries on hand.

Low battery warning when paired with wireless accessories (all models)

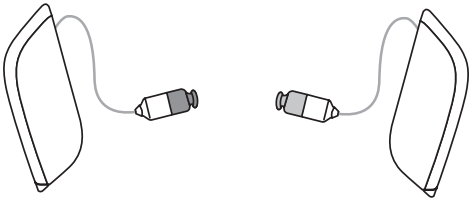
NOTE: The batteries drain faster when you use wireless functionalities like streaming from your smartphone or from your TV via our TV streamer. As the battery power goes down, the wireless functions stop working. A short melody every five minutes indicates that battery power is too low. The table below shows how the hearing aid functions are affected as the power level declines.

Battery level	Signal	Hearing aid	Remote control	Streaming
Fully charged		✓	✓	✓
Low	4 even tones	✓	✓	
Depleted	3 even tones and 1 longer tone	✓		

These will work again when you insert a new battery.

Placing your hearing aids in your ears

Distinguishing left from right



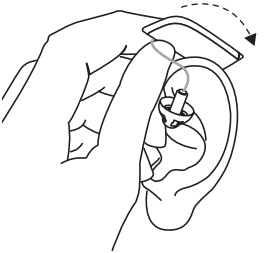
Left = blue

Right = red

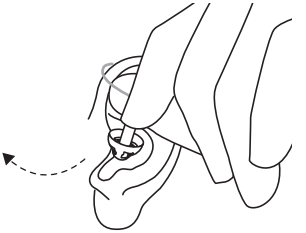
CAUTION: If you have two hearing aids, they may be tuned differently. Do not swap them as this could damage your hearing.
Your hearing aids are colour-coded. Left = blue. Right = red
If your hearing aids are not colour-coded, ask your hearing care professional to add colour coding.

Inserting the receiver dome into your ear

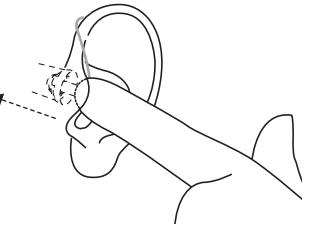
If your hearing aids have domes, follow these instructions:



1. Hang the hearing aid over the top of your ear.



2. Hold the receiver wire where it bends and gently push the receiver dome into your ear canal.



3. Push the dome far enough into your ear canal so that the wire rests against your head. You can check in a mirror.

NOTE: If your hearing care professional has provided you with a sports lock on your receiver wire, ensure you place the sports lock into the indentation above your earlobe.

To avoid whistling, ensure that the tube and dome fit correctly into your ear. If you continue to experience whistling, check the troubleshooting guide for other possible reasons and solutions.

Sports lock

If you are very active, your hearing aids may move from the correct position. To avoid this, your hearing care professional can attach and adjust a sports lock to the receiver.

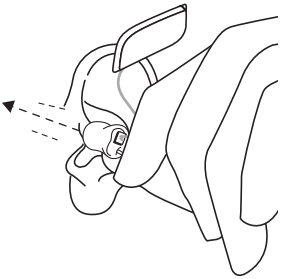
To insert a hearing aid with a sports lock:

1. Insert the hearing aid as usual
2. Tuck the sports lock into the bottom of the concha (the part of your ear just outside the ear canal)

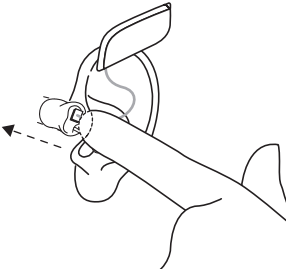
NOTE: Sports locks may become stiff, brittle or discoloured over time. Contact your hearing care professional for a replacement. Your hearing care professional will help you replace it.

Inserting earmoulds into your ears

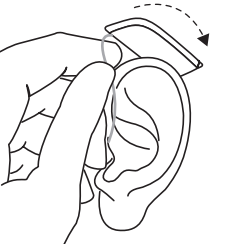
If your hearing aids have earmoulds, follow these instructions.



1. Hold the earmould between your thumb and index finger and position the sound outlet into your ear canal.



2. Slide the earmould into your ear with a gentle, twisting movement. Move the earmould up and down and press gently. Opening and closing your mouth may assist.

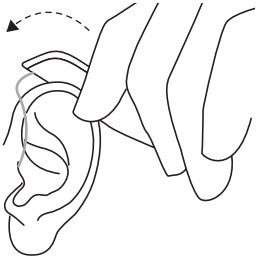


3. Place the hearing aid behind your ear and ensure it is secure. When properly inserted, your hearing aids should fit snugly and comfortably.

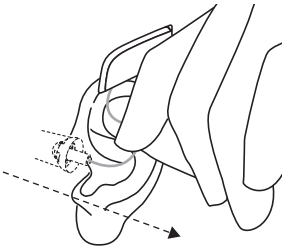
NOTE: When inserting an earmould, it may help to pull your ear up and outward with the opposite hand.

Removing your hearing aids from your ears

If your hearing aids have domes, follow these instructions.



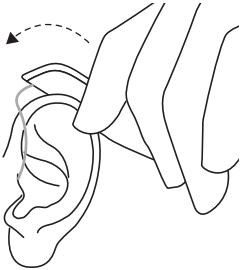
1. Lift your hearing aid off your ear.



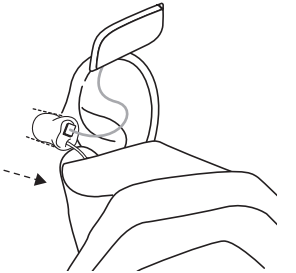
2. Hold the receiver wire with your thumb and forefinger where it bends and pull the dome out of your ear canal.

Removing earmoulds from your ears

If your hearing aids have earmoulds, follow these instructions.



1. Lift the hearing aid from behind your ear. Let it hang beside your ear momentarily.



2. Using your thumb and index finger, gently pull the earmould (not the hearing aid or the wire) loose from your ear. If your earmould has a removal cord, pull it gently to assist. Remove the earmould completely by twisting it gently.

WARNING: Consult a hearing care professional:
- If you think there may be a foreign object in your ear canal.
- If you experience skin irritation.
- If excessive ear wax accumulates with the use of the hearing aid.

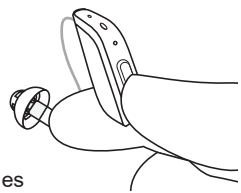
Using your hearing aids

Turning your hearing aids on and off

You can turn on your hearing aids either before or after you place them in your ears. Your hearing aids always start on program 1 at the pre-set volume.

Turning your hearing aids on and off – Rechargeable model

To turn your hearing aids on and off, press the push button for **5 seconds**. The on/off light will light when the hearing aid is on. The light will blink 3 times when turning off.

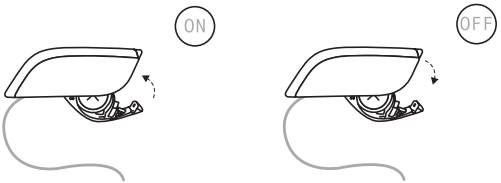


Pressing the button for other lengths of time enables other functions such as flight mode and streaming. These are described elsewhere in this manual.

Your hearing aids turn off automatically when you place them in the charger and they turn on automatically when you remove them from the charger.

Turning your hearing aids on and off – Zinc-Air battery models

To turn your hearing aid on, close the battery door.



To turn the hearing aid off, open the battery door (with your fingernail).

Smart Start

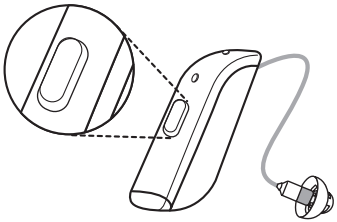
Smart Start delays the time that your hearing aid turns on after you close the battery door (Zinc-Air battery models) or remove the hearing aids from the charger (Rechargeable model). This function produces a beep for each second of the delay period (this is either 5 or 10 seconds). Smart Start delays when sound comes through your hearing aid. It gives you time to put on the hearing aid without whistling or other issues.

If you do not want to use this function, ask your hearing care professional to deactivate it.

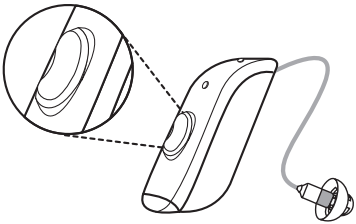
Using the push button/multi-function button

These buttons allow you to use a variety of listening programs. Each program is suitable for a different situation.

Push button



Multi-function button



Listening programs

Your hearing care professional can activate one or more listening programs in your hearing aids. These programs can help you in specific situations. Ask your hearing care professional about which programs could be useful for you.

Programs	Use
All-Around	The best option if you want only one program.
Restaurant	For use in noisy places such as restaurants and social gatherings.
Music	For listening to music.
Acoustic phone	A special program for phone conversations.
Outdoor	For outdoor use.
Telecoil phone + Mic	For if you have a phone with a telecoil.
Telecoil loop + Mic	For use in places that have a teleloop system such as theatres and places of worship.
Ultra focus	For use only in very noisy places (more focused than the Restaurant program)

Changing programs

To change the program, press the button and hold it for **three seconds**. Your hearing aids will beep to confirm the change. Continue pressing it to scroll through the programs available to you. To get back to the default listening program, keep scrolling, or turn your hearing aids off and on again.

NOTE: If you have two hearing aids with synchronisation enabled, a change of program on one hearing aid automatically applies to the second hearing aid as well. When you change the program on a hearing aid, you hear one or more beeps. The same number of beeps will then sound in the second hearing aid. This feature can also be configured to allow you to use one hearing aid to increase volume and the other to decrease volume. Any increase or decrease made on one hearing aid will also apply to the other to ensure the volume is the same in both hearing aids.

Using the push button

1. Push the button to switch from one program to the next.
2. You will hear one or more beeps. The number of beeps indicates which program you have selected.
3. When you turn your hearing aids off and on again, they will return to the default settings, which are program 1 and the pre-set volume.

Using the multi-function button

This is called a multi-function button because it has several functions – you can control volume, change program and activate streaming.

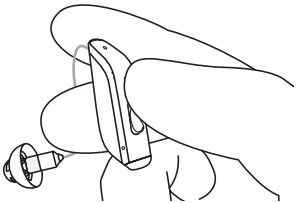
Press the top of the button for three seconds to change the program.

Your hearing care practitioner can change the default settings and fill in the table below to record the new settings:

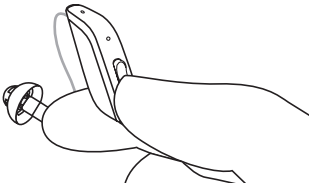
Button action	Default setting	New setting
Short press up	Increase volume	
Short press down	Decrease volume	
Long press up (3 seconds)	Change program	
Long press down (3 seconds)	Activate streaming	

Controlling the volume

If your hearing care professional has activated your volume control, follow these instructions:



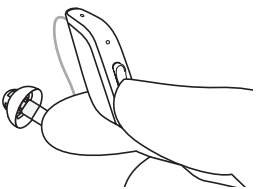
To increase the volume, briefly press the **top** part of the button.



To reduce the volume, briefly press the **bottom** part of the button.

Streaming Sound to your hearing aids

Press the **bottom** part of the button and keep it pressed for three seconds. Your hearings aids will start streaming from the audio device you have chosen.



Before you can stream to your hearing aids, you must pair them with your audio device. For more information on how to do this, consult the user instructions for your audio device.

Apps

We have some apps that you can use to control your hearing aids. You can use these to adjust the volume, change programs and stream from another device. There is more information on these in the Advanced Options chapter.

Telecoil (Optional for Telecoil models only)

Your hearing aid may have a telecoil. The Telecoil function may help to improve understanding of speech with Hearing Aid Compatible (HAC) telephones and in theatres, cinemas, houses of worship, etc. that have a tele loop installed.

When you select the Telecoil function, your hearing aid picks up signals from the tele loop or your HAC telephone. Your hearing care professional can activate the Telecoil program.

NOTE:

- The telecoil does not work without a tele loop (that is, an induction loop) or an HAC telephone.
- If you are having trouble hearing with the telecoil, ask your hearing care professional to modify the function.
- If there is no sound from your hearing aids in a tele loop system with an active Telecoil function, the tele loop system may not be turned on or may not be operating correctly.
- The sound from the tele loop and the hearing aid microphones can be mixed according to your preference. Ask your hearing care professional for more details.

Advanced Options

Using a Telephone

Your hearing aid allows you to use your telephone as you normally do. Finding the optimal position for holding the phone may require practice.

The following suggestions may be helpful:

1. Hold the telephone up to your ear canal or hold it close to the hearing aid microphones as illustrated.
2. If you hear whistling, try holding the telephone in the same position for a few seconds. The hearing aid may be able to cancel the whistling.
3. You can also try holding the telephone slightly away from the ear.

NOTE: Depending on your needs, your hearing care professional may activate a function specifically for telephone use.

Mobile phones

Your hearing aids comply with the most stringent Standards of International Electromagnetic Compatibility. Any degree of disturbance can be due to the nature of your particular mobile phone or of your wireless telephone service provider.

NOTE: If you find it difficult to get a good result while using your mobile phone, your hearing care professional can give you advice on available wireless accessories to enhance listening capabilities.

How to use your hearing aids with iPhone, iPad and iPod touch (optional)

Your hearing aids are made for iPhone, iPad and iPod touch, which allow for direct audio streaming and control from these devices.

Streaming from an Android™ smartphone

Some Android smartphones can stream audio directly to your hearing aids. Your device must be running Android 10 or newer and it must have the Android Streaming for Hearing Aids feature as well.

NOTE: For assistance with pairing and using these products with your hearing aids, contact your hearing care professional.

Using your hearing aid with smartphone apps (optional)

Our smartphone apps must only be used with our hearing aids, for which they were designed and we take no responsibility if the app is used with other hearing aids. The smartphone apps send and receive signals to and from the hearing aids via smartphones.

- Do not disable app notifications.
- Install updates to keep the app working correctly.
- To obtain a printed version of the smart phone app user guide, please refer to information on the back page of this manual or consult customer support.

NOTE:

- For assistance with pairing and using these products with your hearing aids, please contact your hearing care professional or visit our support site.
- If your Bluetooth® enabled Android smartphone does not stream directly to your hearing aids, you can use our Phone Clip+ to answer the phone.

ReSound Assist (optional)

If you have signed up to use ReSound Assist with your hearing aids, you can have your hearing aids adjusted remotely without needing to visit your hearing care professional. All you need is a smart device that is Internet enabled. This allows you to experience freedom and flexibility such as:

1. Requesting remote assistance to adjust your hearing aids.
2. Ensuring the best possible performance of your hearing aids by keeping them up to date with the latest software.

NOTE: Your hearing aids will turn off during the install and update process.

For optimum performance, ensure your hearing aids are connected to the ReSound Smart 3D™ app and placed close to the iPhone, iPad, iPod Touch or Android smartphone.

This service works only if your smart device is connected to the Internet. Your hearing care professional will provide information about this option and how it works with our app.

Download on the App Store

GET IT ON Google Play

Phone Now (optional)

By placing a magnet on the telephone receiver, your hearing aids automatically switch the telephone programme on when the receiver is close to your ear.

When you remove the receiver from your ear, the hearing aids automatically return to the previous listening programme.

NOTE: Ask your hearing care professional to enable Phone Now as one of your programs.

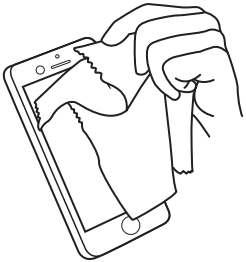
Phone Now warnings

WARNING:

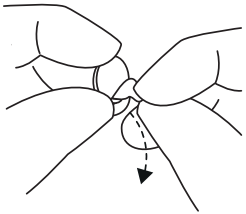
- Swallowing a magnet can be harmful to your health. If a magnet is swallowed, seek immediate medical attention.
- Keep magnets out of reach of pets, children and people with cognitive, intellectual or mental health challenges.
- The Phone Now magnet may affect sensitive medical devices/ electronic systems. Seek advice from the manufacturers regarding appropriate safety measures when using the Phone Now solution near the sensitive device/equipment (pacemakers and defibrillators) in question. If the manufacturer cannot issue a statement, we recommend keeping the magnet or a telephone equipped with the magnet 30 cm (12”) away from magnetically sensitive devices (e.g. pacemakers).

Placing the Phone Now magnet

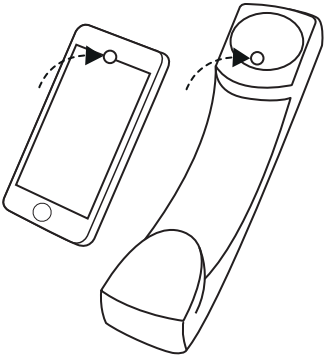
Place the magnet on your telephone receiver as follows:



1. Clean the surface thoroughly. Use a recommended cleaning agent.



2. Remove the foil from the magnet.



3. Place the magnet on the phone.

CAUTION:

- If you experience frequent signal loss or noise during calls, move the Phone Now magnet to another place on the telephone receiver.
- Only use magnets supplied by ReSound.

How to use Phone Now

1. Lift the telephone to your ear.
2. When you hear a short melody, the phone program is active.

NOTE:

- You may need to move the telephone receiver slightly to find the best position for reliable Phone Now activation and a good hearing experience on the telephone.
- If your hearing aids have enabled the Asymmetrical Phone Handling functionality, the hearing aid on the non-phone ear automatically attenuates.

Do not cover the phone loudspeaker opening with the magnet.

If the function does not work to your satisfaction, moving the magnet to another position may improve ease of use and comfort.

If your hearing aids do not switch to the telephone program consistently, try repositioning the magnet or adding additional magnets.

Flight Mode (optional)

Your hearing aids can be controlled from your smartphone or Remote Control – this option can be added by your hearing care professional. In some areas you will be required to turn off wireless communication.

CAUTION: Turn off your hearing aids' wireless functionality when boarding a plane or in areas where this is mandatory.

NOTE: You must follow the processes below for both hearing aids, even if synchronisation is enabled.

Turning off wireless communication (activating Flight Mode) – Zinc-Air battery models

1. Open and close the battery door on each hearing aid three times in 10 seconds.
2. A 10-second double tone (♫ ♫) means the hearing aid is now in Flight Mode.

It is important to wait an additional 15 seconds after you activate Flight Mode before opening and closing the battery compartment again for any reason. if you open and close the battery compartment during this 15 second window, wireless communication will reactivate.

Activating wireless communication (turning off Flight Mode) – Zinc-Air battery models

1. Open and close the battery door on each hearing aid once.
2. Wireless communication will be activated after 10 seconds.

Turning off wireless communication (activating Flight Mode) – Rechargeable model

1. Turn off your hearing aid.
2. Press the button for 9 seconds.
3. Your hearing aid will double-flash four times. If you are wearing your hearing aids at the time, you will hear double tones (♫ ♫) for about 10 seconds, meaning the hearing aid is now in Flight Mode.

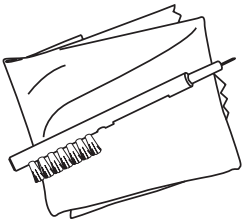
Activating wireless communication (turning off Flight Mode) – Rechargeable model

1. Turn your hearing aid off and then on.
2. Wireless communication will be activated after 10 seconds.

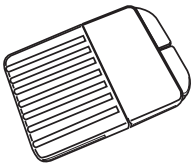
Cleaning and caring for your hearing aids

Cleaning tools

These cleaning tools come with your hearing aids:



1. Soft cloth.
2. Brush with battery magnet.



Your hearing care professional may give you a set of wax filters.

General instructions for care and maintenance

NOTE: To ensure you get the highest quality experience and longest useful lifetime out of your hearing aids, it is important to clean and care for them.

Keeping your hearing aids in perfect working order is easily done – just follow these steps:

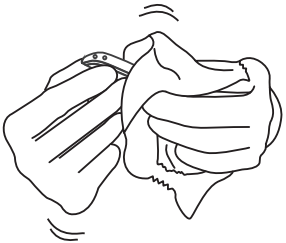
1. When you remove your hearing aids, turn them off by opening the battery doors completely. This helps to dry them out.
2. After removing your hearing aids, wipe them with a soft cloth to keep them clean and dry.
3. If you use a drying agent, only use recommended products.
4. Apply cosmetics, perfume, after-shave, hairspray, lotions etc. BEFORE putting on your hearing aids. These products can damage or discolour your hearing aids.
5. Never immerse your hearing aids in liquid.
6. Keep your hearing aids away from excessive heat and direct sunlight.
7. Do not swim, shower or steam bathe while wearing your hearing aids.

CAUTION:

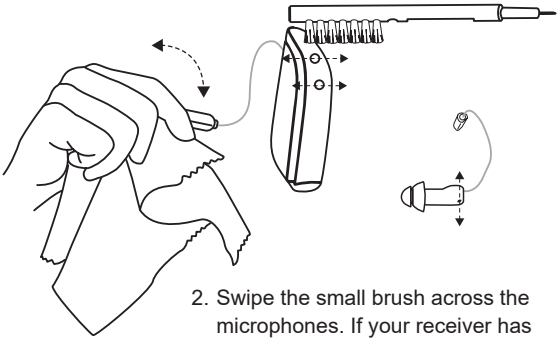
- Never use alcohol or other cleaning solutions to clean your hearing aids. This can damage your hearing aids and may cause a skin reaction.
- Ear wax or other residues on your hearing aids might cause infection. Clean your hearing aids as instructed to avoid this.

Daily Care and Maintenance

It is important to keep your hearing aids clean and dry on a daily basis. Use the supplied cleaning tools.



1. Wipe your hearing aids with the cloth.



2. Swipe the small brush across the microphones. If your receiver has a microphone, remember to brush that one as well.

NOTE: Never try to put the bristles of the small brush or the cleaning wire into the microphone inlets. This can damage your hearing aids.

NOTE:

- Do not use water to clean your receiver wires or domes.
- Use a soft, dry cloth to wipe your earmoulds clean.
- Receiver wires may become stiff, brittle or discoloured over time. Contact your hearing care professional to replace your receiver.

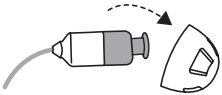
If you think your receiver wire needs to be replaced, contact your hearing care professional.

Changing your hearing aid domes

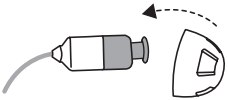
We recommend that your hearing care professional shows you how to change domes. You should change your domes every 3 months or more often according to the advice of your hearing care professional. Incorrect dome replacement can result in a dome being left in your ear when you remove your hearing aid. If you suspect that you have a dome stuck in your ear, contact your hearing care professional.

Standard domes

The illustrations show an open dome, but the procedure is the same for all other domes. Follow these instructions to replace your domes.

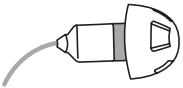


1. Remove the used dome by pulling it off the receiver and discard. This may require a bit of force.



2. Push the new dome over the ribbed end of the receiver wire.

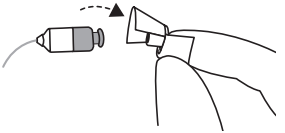
3. Check that the dome is securely mounted by carefully lifting the lower part of the dome and verifying that the collar completely covers the ribbed end of the wire.



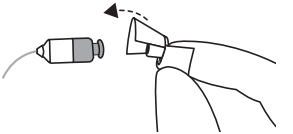
4. When placed correctly, the dome will appear slightly angled.

Tulip domes

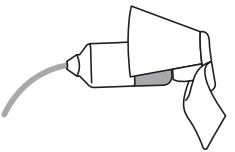
To change a tulip dome, follow these instructions:



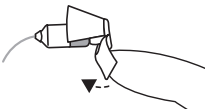
1. Remove the used dome by pulling off the receiver and discard. This may require a bit of force.



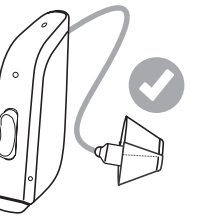
2. Push the largest petal back, then press the tulip dome over the ribbed end of the receiver wire.



3. Check that the tulip dome is securely mounted by verifying that the collar completely covers the ribbed end of the wire.



4. Push the larger petal forward.

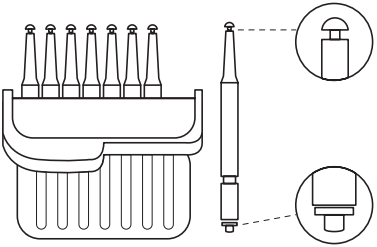


This illustration show correctly mounted tulip domes. Ensure the large petal is outside the small petal.

Changing the wax filter

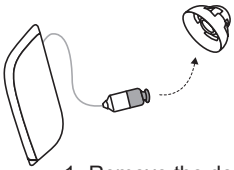
The wax filter helps keep earwax away from the components of the hearing aid. You must replace it on a regular basis. Consult your hearing care professional for advice on how often you need to do this. It will depend on how much earwax your ears produce.

If you wear a dome, remove it before following this process for replacing the wax filter. You will need your box of wax filter tools.

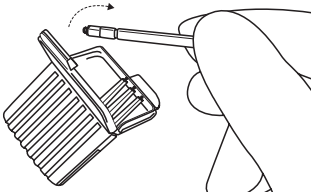


Box of 8 wax filter tools.
The wax filter tool has two functions: a removal tip to collect the used filter, and a replacement tip with a white filter.

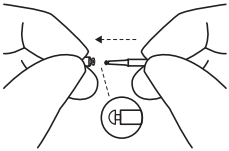
Removing the old wax filter

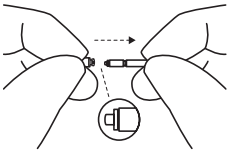


1. Remove the dome from the receiver wire.



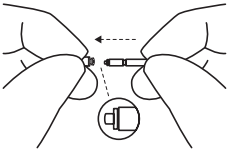
2. Open the wax filter case and take one of the tools out. Each tool has a small hook in one end and a new wax filter in the other.



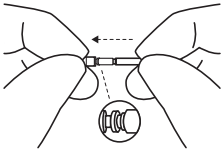


3. Insert the removal tip into the used wax filter and then pull the tool straight out. It is important to pull it straight and not on an angle.

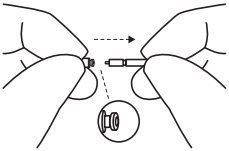
Inserting the new wax filter



1. Insert the other end of the tool into the sound outlet (the end with the replacement filter).



2. Gently press the replacement straight into the sound outlet until the outer ring is touching the sound outlet.



3. Pull the tool straight out – your new wax filter will remain in place. Re-attach your dome or a replacement dome.

Storing your hearing aids – Zinc-Air battery models

1. The best storage for your hearing aids is the case they came in.

2. When they aren't being worn, keep your hearing aids dry by leaving the battery doors open.

Wireless accessories

Our wireless eco-system features a comprehensive range of seamlessly integrated wireless accessories. These let you stream high quality stereo sound and speech directly to your hearing aids.

Please find the list of available wireless accessories and their features below:

- **TV Streamer 2** streams audio from a TV and most other audio sources to your hearing aids at a volume that suits you.
- **Remote Control** adjusts volume, mutes your hearing aids and changes programs.
- **Remote Control 2** adjusts volume, mutes your hearing aids, changes programs and displays your settings.
- **Phone Clip+** streams phone conversations and stereo sound to both hearing aids and doubles as a remote control.
- **Micro Mic** is a microphone that can be worn by others. It improves speech comprehension in noisy situations.
- **Multi Mic** works like the **Micro Mic** but doubles as a table microphone. It connects with loop and FM systems and has a mini-jack input for streaming audio from a computer or music player.

NOTE:

- Ask your hearing care professional for more information on the range of wireless accessories.
- For use of wireless functionality only use ReSound wireless accessories. For further guidance regarding e.g. pairing, please refer to the user guide of the relevant Resound wireless accessory.

Tinnitus Management

Tinnitus Sound Generator module

Your hearing aids include the Tinnitus Sound Generator (TSG) module. The TSG is a software tool that generates sounds to be used in tinnitus management programmes to relieve suffering from tinnitus. The TSG can generate sounds adjusted to your personal preference and your specific therapeutic needs as determined by your doctor, audiologist or hearing care professional. Depending on the selected hearing aid function and the environment you are in, you may hear the therapeutic sound of a continuous or fluctuating noise.

Indications for use of the TSG module (US only)

The TSG module is a software tool that generates sounds to be used in a Tinnitus Management Programme to temporarily relieve patients suffering from Tinnitus. The target population is primarily the adult population over 18 years of age. This product may also be used with children 5 years or older. However, children and physically or mentally disabled users will require training by a doctor, audiologist, hearing care professional or the guardian for the insertion and removal of the hearing aid containing the TSG module.

The TSG module is prescribed by healthcare professionals treating patients suffering from Tinnitus, as well as conventional hearing disorders. The fitting of the TSG module must be done by a hearing professional participating in a Tinnitus Management Programme.

User Instructions for the TSG module

Description of the Device

The Tinnitus Sound Generator (TSG) Module is a software tool that generates sounds to be used in tinnitus management programmes to relieve suffering from tinnitus.

Explanation of how the device functions

The TSG module is a frequency and amplitude shaped white-noise generator. Noise signal level and frequency characteristics can be adjusted to the specific therapeutic needs as determined by your doctor, audiologist or hearing care professional.

Your doctor, audiologist or hearing care professional can modulate the generated noise with the purpose of making it more pleasant. The noise can then resemble, for example, crashing waves on a shore. Modulation level and speed can also be configured to your likes and needs. An additional feature can be enabled by your hearing care professional that allows you to select predefined sounds that simulate sounds from nature, such as breaking waves or running water.

If you have two wireless hearing aids that support ear to ear synchronization this functionality can be enabled by your hearing care professional. This will cause the Tinnitus Sound Generator to synchronize the sound in both hearing aids.

If your tinnitus troubles you only in quiet environments, your doctor, audiologist or hearing care professional can set the TSG Module so that it becomes audible exclusively only in such surroundings. The overall sound level can be adjusted via an optional volume control. Your doctor, audiologist or hearing care professional will review with you the need for having such a control. For hearing aids where ear to ear synchronization is enabled your hearing care professional can also enable environmental monitoring synchronization so that the TSG noise level is automatically adjusted simultaneously in both hearing aids dependent on the background sound level. Additionally if the hearing aid has a volume control then the background noise level monitored by the hearing aid and the volume control can be used simultaneously to adjust the generated noise level in both hearing aids.

The scientific concepts that form the basis for the device

The TSG module provides sound enrichment with the aim of surrounding the tinnitus sound with a neutral sound which is easily ignored. Sound enrichment is an important component of most approaches to tinnitus management, such as Tinnitus Retraining Therapy (TRT).

To assist habituation to tinnitus, this needs to be audible. The ideal level of the TSG module, therefore, should be set so that it starts to blend with the tinnitus, and so that you can hear both your tinnitus as well as the sound used.

In a majority of instances, the TSG module can also be set to mask the tinnitus sound, so to provide temporary relief by introducing a more pleasant and controllable sound source.

TSG Volume Control

The sound generator is set to a specific loudness level by the hearing care professional. When switching the sound generator on, the volume will have this optimal setting. Therefore, it might not be necessary to control the volume (loudness) manually.

However, the volume control provides the ability to adjust the volume, or amount of stimulus, to the liking of the user.

The volume control is an optional feature in the TSG module used for adjusting the sound generator output level.

Using TSG with smartphone apps

The tinnitus sound generator control via hearing aid push buttons can be enhanced with wireless control from a TSG control app on a smart phone or mobile device. This functionality is available in supported hearing aids when a hearing care professional has enabled the TSG functionality during fitting of the hearing aid.

NOTE: To use smart phone apps the hearing aid must be connected with the smart phone or mobile device.

Technical Specifications

Audio signal technology

Digital.

Available sounds

White noise signal which can be shaped with the following configurations:

High-pass filter	Low-pass filter
500 Hz	2000 Hz
750 Hz	3000 Hz
1000 Hz	4000 Hz
1500 Hz	5000 Hz
2000 Hz	6000 Hz
-	8000 Hz

The white noise signal can be modulated in amplitude with an attenuation depth of up to 14dB.

⚠ Prescription use of this device

The TSG module should be used as prescribed by your doctor, audiologist or hearing care professional. In order to avoid permanent hearing damages, the maximum daily usage depends on the level of the generated sound.

Should you develop any side effects from using the sound generator, such as dizziness, nausea, headaches, perceived decrease in auditory function or increase in tinnitus perception, you should discontinue use of sound generator and seek medical evaluation.

The target population is primarily the adult population over 18 years of age. This product may also be used with children 5 years of age or older. However, children and physically or mentally disabled users will require training by a doctor, audiologist, hearing care professional or the guardian for the insertion and removal of the hearing aid containing the TSG module.

Important notice for prospective sound generator users

A tinnitus masker is an electronic device intended to generate noise of sufficient intensity and bandwidth to mask internal noises. It is also used as an aid in hearing external noises and speech.

Good health practice requires that a person with a tinnitus condition have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before using a sound generator. Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists or otorhinolaryngologists.

The purpose of medical evaluation is to assure that all medically treatable conditions that may affect tinnitus are identified and treated before the sound generator instrument is used.

The sound generator instrument is a tool to generate sounds to be used with appropriate counselling and/ or in a tinnitus management programme to relieve patients suffering from tinnitus.

Warning Information

WARNINGS:

- Sound generators can be dangerous if improperly used.
- Sound generators should be used only as advised by your doctor, audiologist or hearing care professional.
- Sound generators are not toys and should be kept out of reach of anyone who might cause themselves injury (especially children and pets).

CAUTIONS:

- Should the user develop any side effects from using the sound generator, such as dizziness, nausea, headaches, perceived decrease in auditory function or increase in tinnitus perception, the user should discontinue use of the sound generator and seek medical evaluation.
- To prevent unintended usage by paediatric or physically or mentally disabled users, the volume control must, if enabled, be configured to only provide a decrease of the sound generator output level.
- Children and physically or mentally disabled users will require guardian supervision while wearing the TSG hearing aid.

WARNING TO THE HEARING CARE PROFESSIONAL:

A hearing care professional should advise a prospective sound generator user to consult promptly with a licensed physician (preferably an ear specialist) before getting a sound generator if the hearing care professional determines through inquiry, actual observation, or review of any other available information concerning the prospective user that the prospective user has any of the following conditions:

1. Visible congenital or traumatic deformity of the ear.
2. History of active drainage from the ear within the previous 90 days.
3. History of sudden or rapidly progressive hearing loss within the previous 90 days.
4. Acute or chronic dizziness.

5. Unilateral hearing loss of sudden or recent onset within the previous 90 days.
6. Audiometric air-bone gap equal to or greater than 15dB at 500 hertz (Hz), 1000 Hz, and 2000 Hz.
7. Visible evidence of significant cerumen accumulation or a foreign body in the ear canal.
8. Pain or discomfort in the ear.

CAUTION: The maximum output of the sound generator falls into the range that can cause hearing loss according to OSHA regulations. In accordance with NIOSH recommendations, the user should not use the sound generator for more than eight (8) hours a day when this is set to a level of 85db SPL or above. When the sound generator is set to levels of 90db SPL or above the user should not use the sound generator for more than two (2) hours per day. In no case should the sound generator be worn at uncomfortable levels.

General warnings and cautions

WARNINGS:

- Consult a hearing care professional:
  - If you suspect that you have a dome, wax filter or other object in your ear canal, consult your hearing care professional. These objects can be harmful and can cause an infection in your ear.
  - If you experience skin irritation.
  - If excessive ear wax accumulates with the use of the hearing aid.
- Do not wear your hearing aids while being exposed to radiation. Some types of radiation, e.g. from MRI or CT scanners, can affect the settings in your hearing aids, causing malfunction and potentially damage to your hearing.
- Other types of radiation, such as burglar alarms, room surveillance systems, mobile phones and radio equipment will not damage your hearing aids. They may, however, briefly affect the sound quality in your hearing aids and may create undesired sounds.
- Never use your hearing aids in places with explosive gases such as mines, oil fields or the like unless these areas are certified for hearing aid use. Using your hearing aids in places that are not certified can be dangerous.

- Never leave children or people with cognitive, intellectual or mental health challenges unsupervised while using their hearing aids. Hearing aids contain small pieces that can be dangerous if swallowed. If any part of a hearing aid is swallowed, seek immediate medical attention.
- Swallowing a hearing aid can result in choking and can be harmful to your health. If a hearing aid is swallowed, seek immediate medical attention.
- Keep hearing aids away from pets, children and people with cognitive, intellectual or mental health challenges.
- External devices connected to the electrical input must be safe according to the requirements of IEC 60601-1-1, IEC 60065, EN/IEC 62368-1 or IEC 60950-1, as appropriate.
- Warning to hearing care professionals: Special care should be exercised in selecting and fitting hearing aids with maximum sound pressure level that exceeds 132dB SPL with an IEC 60711:1981 occluded ear simulator. The remaining hearing may risk further impairment.

CAUTIONS:

- Only use your hearing aids as indicated by your hearing care professional, otherwise you risk damaging your hearing.
- Do not use a broken hearing aid. It may not work properly and may be harmful to your hearing. It may also cause scratches or sores due to sharp edges.

- Only use original tubes and domes with your hearing aids.
- Only use accessories intended for use with your hearing aids. Consult your hearing aid professional for more information.
- Do not try to modify the shape of your hearing aid or accessories. This can cause skin reactions or sharp edges leading to scratches or sores.
- If you have two hearing aids, they may be tuned differently. Do not swap them as this could damage your hearing. Your hearing aids are colour-coded. Left = blue Right = red. If your hearing aids are not colour coded, ask your hearing care professional to add colour-coding.
- If you experience side effects, contact your hearing care professional. Possible side effects from wearing a hearing aid may be:
  - Dizziness
  - Tinnitus
  - Perceived worsening of hearing loss
  - Nausea
  - Skin reaction
  - Ear wax accumulation
- If you suspect that you have a dome, wax filter or other object in your ear canal, consult your hearing care professional. These objects can be harmful and can cause an infection in your ear.
- If you have a sore or injury where your hearing aid touches your ear or head, continued use of the hearing aid may cause it to worsen or prevent it from healing. Consult your hearing care professional for assistance.

- Your hearing aids are tuned to your hearing. Do not allow others to use your hearing aids as this can damage their hearing.
- Turn off your hearing aids' wireless functionality in areas where this is mandatory.
- When wireless function is activated, the device uses low-powered digitally coded transmissions in order to communicate with other wireless devices. Although unlikely, nearby electronic devices may be affected. In that case, move the hearing aid away from the affected electronic device.
- Do not attempt to dry your hearing aids in an oven, microwave oven or other heating equipment. This will cause them to melt and may cause burns to your skin.
- Your hearing aids have been customised to amplify soft and loud sounds according to your particular needs.
- If the amplification seems too loud or you suspect the hearing aid is malfunctioning (e.g. you hear distorted or unusual sound), contact your hearing care professional. A malfunctioning hearing aid can damage your hearing.
- In general, exposure to loud sounds can damage your hearing. This could be loud music or loud environments. You can best protect your hearing by reducing exposure to loud sound and environments or by using hearing protection.

Troubleshooting

Issue	Potential cause	Potential solution
Feedback or ‘whistling’	Is your earmould or dome inserted correctly in your ear?	Re-insert it.
	Is the volume very loud?	Reduce the volume.
	Is the receiver wire broken or is the earmould clogged?	Visit your hearing care professional.
	Are you holding an object (e.g. a hat or a telephone mouthpiece) close to the hearing aid?	Move your hand away to create more space between the hearing aid and the object.
	Is your ear full of wax?	Visit your physician.
No Sound	Is the hearing aid turned on?	Turn it on.
	Is there a battery in the hearing aid? (Zinc-Air battery models only)	Insert a new battery.
	Is the battery still good? (Zinc-Air battery models only)	Replace with a new battery.

Issue	Potential cause	Potential solution
No Sound	Is the hearing aid charged? (Rechargeable model only)	Charge the hearing aid. (See the user manual for your charger.)
	Is the hearing aid charger charged? (Rechargeable model only)	Charge the hearing aid charger. (See the user manual for your charger.)
	Is the receiver wire broken or the earmould clogged?	Consult your hearing care professional.
	Is your ear full of wax?	Visit your physician.
Sound is disorted, sputtering or weak	Is the battery dead? (Zinc-Air battery models only)	Replace with a new one.
	Is the battery dirty? (Zinc-Air battery models only)	Clean it or replace it with a new one.
	Is the receiver wire broken or the earmould clogged?	Consult your hearing care professional.
	Is there moisture in your hearing aid?	Use a desiccant (drying kit).

Issue	Potential cause	Potential solution
Battery drains very quickly	Did you leave your hearing aids turned on for long periods of time?	Always turn off your hearing aids when you are not using them, e.g. during the night.
	Is the battery old? (Zinc-Air battery models only)	Check the battery packaging.
	Is the hearing aid old (Rechargeable model only)	Visit your hearing care professional.
Hearing aid is not charging	Is the hearing aid sitting correctly in the charger?	Reinsert the hearing aid in the charger. (See the user manual for your charger.)
	Is the hearing aid charger charged?	Charge the hearing aid charger. (See the user manual for your charger.)

Warnings to hearing care professionals and hearing aid users (US only)

Hearing Aid Expectations

A hearing aid will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions.

Consistent use of the aid is recommended. In most cases, infrequent use does not permit you to get full benefit from it.

The use of a hearing aid is only part of hearing rehabilitation and may need to be supplemented by auditory training and instructions i

Warning to Hearing Aid Dispensers

A hearing aid dispenser should advise a prospective hearing aid user to consult promptly with a licensed physician (preferably an ear specialist) before dispensing a hearing aid, if the hearing aid dispenser determines through inquiry, actual observation, or review of any other available information concerning the prospective user, that the prospective user has any of the following conditions:

1. Visible congenital or traumatic deformity of the ear.
2. History of active drainage from the ear within the previous 90 days.
3. History of sudden or rapidly progressive hearing loss within the previous 90 days.
4. Acute or chronic dizziness.
5. Unilateral hearing loss of sudden or recent onset within the previous 90 days.
6. Audiometric air-bone gap equal to or greater than 15 decibels at 500 hertz (Hz), 1,000 Hz, and 2,000 Hz.
7. Visible evidence of significant cerumen accumulation or a foreign body in the ear canal.
8. Pain or discomfort in the ear.

Important Notice for Prospective Hearing Aid Users

Good health practice requires that a person with a hearing loss have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before purchasing a hearing aid. Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists or otorhinolaryngologists. The purpose of the medical evaluation is to assure that all medically treatable conditions that may affect hearing are identified and treated before the hearing aid is purchased.

Following the medical evaluation, the physician will give you a written statement that states that your hearing loss has been medically evaluated and that you may be considered a candidate for a hearing aid. The physician will refer you to an audiologist or a hearing aid dispenser, as appropriate, for a hearing aid evaluation.

The audiologist or hearing aid dispenser will conduct a hearing aid evaluation to assess your ability to hear with and without a hearing aid. The hearing aid evaluation will enable the audiologist or dispenser to select and fit a hearing aid to your individual needs.

If you have reservations about your ability to adapt to amplification, you should inquire about the availability of a trial-rental or purchase-option program. Many hearing aid dispensers now offer programs that permit you to wear a hearing aid for a period of time for a nominal fee after which you may decide if you want to purchase the hearing aid.

Federal law restricts the sale of hearing aids to those individuals who have obtained a medical evaluation from a licensed physician. Federal law permits a fully informed adult to sign a waiver statement declining the medical evaluation for religious or personal beliefs that preclude consultation with a physician. The exercise of such a waiver is not in your best health interest and its use is strongly discouraged.

Children with hearing loss (US only)

In addition to seeing a physician for a medical evaluation, a child with a hearing loss should be directed to an audiologist for evaluation and rehabilitation because hearing loss may cause problems in language development and the educational and social growth of a child. An audiologist is qualified by training and experience to assist in the evaluation and rehabilitation of a child with hearing loss.

Regulatory information

Warranties and repairs

The manufacturer provides a warranty on hearing aids in the event of defects in workmanship or pledges to secure functionality at least equivalent to the original hearing aid. As a signatory to the United Nations Global Compact initiative, the manufacturer is committed to doing this in line with environment-friendly best practices. Hearing aids therefore, at the manufacturer's discretion, may be replaced by new products or products manufactured from new or serviceable used parts, or repaired using new or refurbished replacement parts. The warranty period of hearing aids is designated on your warranty card, which is provided by your hearing care professional.

For hearing aids that require service, please contact your hearing care professional for assistance.

Hearing aids that malfunction must be repaired by a qualified technician. Do not attempt to open the case of hearing aids, as this will invalidate the warranty.

Temperature test, transport and storage information

Our hearing aids are subjected to various tests in temperature and damp heating cycling between -25 °C (-13 °F) and +70 °C (+158 °F) according to internal and industry standards.

During normal operation the temperature should not exceed the limit values of 0 °C (+32 °F) to +45° C (+113 °F), and relative humidity of 90% RH, non-condensing. Air pressure between 500 hPa and 1100 hPa is appropriate.

During transport or storage, the temperature should not exceed the limit values of -20 °C (-4 °F) to +60° C (+140 °F) and relative humidity of 90% RH, non-condensing (for limited time). The air pressure between 500 hPa and 1100 hPa is appropriate.

Statement

This device complies with part 15 of the FCC rules and ISED 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.

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 and ISED 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 the one in which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications can void the user´s authority to operate the equipment.

The products comply with the following regulatory requirements:

- In EU: the device conforms to the Essential Requirements according to Annex I of Council Directive 93/42/EEC for medical devices (MDD).
- Hereby, GN ReSound A/S declares that the radio equipment types CAR46A, CAR12A and CAR13A are in compliance with Directive 2014/53/EU.
- The full text of the EU declaration of conformity is available at the following internet address: declarations.resound.com
- In US: FCC CFR 47 Part 15, subpart C.

- In Canada: these hearing aids are certified under the rules of ISED.
- Other identified applicable international regulatory requirements in countries outside the EU and US. Please refer to local country requirements for these areas.
- Japanese Radio Law and Japanese Telecommunications Business Law Compliance. This device is granted pursuant to the Japanese Radio Law (電波法) and the Japanese telecommunications Business Law (電気通信事業法) This device should not be modified (otherwise the granted designation number will become invalid.

Type designations

Hearing aid type designations for models included in this user guide are:
CAR46A, FCC ID:X26CAR46A, IC: 6941C-CAR46A,
CAR12A, FCC ID: X26CAR12A, IC: 6941C-CAR12A and
CAR13A, FCC ID: X26CAR13A, IC: 6941C-CAR13A

This device includes an RF transmitter which operates in the frequency band of 2.4 GHz – 2.48 GHz.

Symbols

WARNING: Points out a situation that could lead to serious injuries.

CAUTION: Indicates a situation that could lead to minor and moderate injuries.

Advice and tips on how to handle your hearing aid better.

Equipment includes an RF transmitter.

Follow instructions for use.

Do not dispose of your hearing aids and batteries with ordinary household waste. Your hearing aids and batteries should be disposed of at sites intended for electronic waste or returned to your hearing care professional for safe disposal.
Please ask your local hearing care professional concerning disposal of your hearing aid.
NOTE: There may be specific regulations in your country.

Complies with ACMA requirements

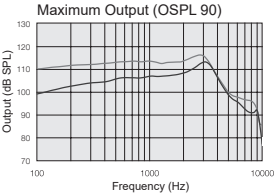
Complies with
IMDA Standards
DA105282

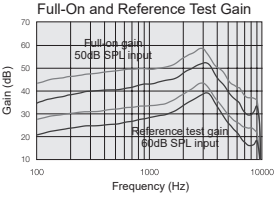
Technical specifications

RIE LP/MP Receiver

Models: RT962-DRW-MP, RT962-DRW-LP, RT961-DRW-MP, RT961-DRW-LP, RT961-DRWC-MP, RT961-DRWC-LP, RT762-DRW-MP, RT762-DRW-LP, RT761-DRW-MP, RT761-DRW-LP, RT761-DRWC-MP, RT761-DRWC-LP, RT562-DRW-MP, RT562-DRW-LP, RT561-DRW-MP, RT561-DRW-LP, RT561-DRWC-MP, RT561-DRWC-LP, RT462-DRW-MP, RT462-DRW-LP, RT461-DRW-MP, RT461-DRW-LP, RT461-DRWC-MP, RT461-DRWC-LP

		LP	MP	
Reference test gain (60 dB SPL input)	HFA	32	37	dB
Full-on gain (50 dB SPL input)	Max. HFA	53 46	58 52	dB
Maximum output (90 dB SPL input)	Max. HFA	113 108	116 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.5 0.2 0.4	0.6 0.6 0.7	%
Telecoil sensitivity (1 mA/m input)* HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA HFA	83 92 76	90 97 83	dB SPL
Equivalent input noise, w/o Noise reduction 1/3 Octave Equivalent input noise, w/o Noise reduction	 1600 Hz	20 7	20 7	dB SPL dB SPL
Frequency range IEC 60118-0: 2015		100-9410	100-9160	Hz
Battery Lifetime (Battery type Rechargeable)**		30	30	
Current Drain (Quiescent/Operating) (Model 61-DRW, 62-DRW)		0.81/1.04	0.81/1.04	mA





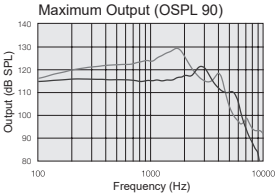
* Telecoil is only for the RT962, RT762, RT562, RT462 models.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

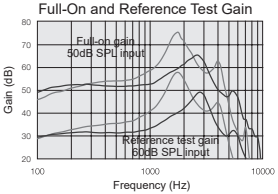
LP MP

RIE HP/UP Receiver

Models: RT962-DRW-UP, RT962-DRW-HP, RT961-DRW-UP, RT961-DRW-HP, RT961-DRWC-UP, RT961-DRWC-HP, RT762-DRW-UP, RT762-DRW-HP, RT761-DRW-UP, RT761-DRW-HP, RT761-DRWC-UP, RT761-DRWC-HP, RT562-DRW-UP, RT562-DRW-HP, RT561-DRW-UP, RT561-DRW-HP, RT561-DRWC-UP, RT561-DRWC-HP, RT462-DRW-UP, RT462-DRW-HP, RT461-DRW-UP, RT461-DRW-HP, RT461-DRWC-UP, RT461-DRWC-HP

		HP	UP	
Reference test gain (60 dB SPL input)	HFA	40	47	dB
Full-on gain (50 dB SPL input)	Max. HFA	65 59	75 65	dB
Maximum output (90 dB SPL input)	Max. HFA	122 117	130 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.3 0.7 0.7	1.0 1.3 0.1	%
Telecoil sensitivity (1 mA/m input)* HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA HFA	95 100 88	106 108 95	dB SPL
Equivalent input noise, w/o Noise reduction 1/3 Octave Equivalent input noise, w/o Noise reduction	 1600 Hz	20 7	22 9	dB SPL dB SPL
Frequency range IEC 60118-0: 2015		100-7140	100-5010	Hz
Battery Lifetime (Battery type Rechargeable)**		30	30	
Current Drain (Quiescent/Operating) (Model 61-DRW, 62-DRW)		0.81/1.04	0.81/1.04	mA





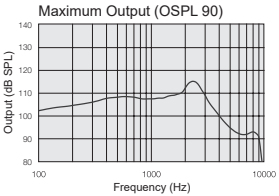
HP UP

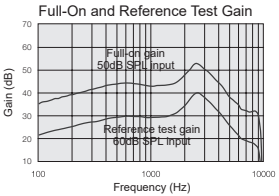
* Telecoil is only for the RT962, RT762, RT562, RT462 models.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

RIE MM Receiver

Models: RT962-DRW-MM, RT961-DRW-MM, RT961-DRWC-MM, RT762-DRW-MM, RT761-DRW-MM, RT761-DRWC-MM

		MM	
Reference test gain (60 dB SPL input)	HFA	33	dB
Full-on gain (50 dB SPL input)	Max. HFA	53 47	dB
Maximum output (90 dB SPL input)	Max. HFA	115 110	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.1 0.9 0.4	%
Telecoil sensitivity (1 mA/m input)* HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA HFA	82 93 75	dB SPL
Equivalent input noise, w/o Noise reduction 1/3 Octave Equivalent input noise, w/o Noise reduction	 1600 Hz	20 7	dB SPL dB SPL
Frequency range IEC 60118-0: 2015		100-9100	Hz
Battery Lifetime (Battery type Rechargeable)**		28	
Current Drain (Quiescent/Operating) (Model 61-DRW, 62-DRW)		0.82/1.04	mA





* Telecoil is only for the RT962 and RT762 models.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Hearing aid variants

Receiver-in-the-ear (RIE) hearing aids of type **CAR46A** with FCC ID X26CAR46A, IC number 6941C-CAR46A and rechargeable Li-Ion battery are available in following variants:

RT961-DRWC, RT761-DRWC, RT561-DRWC, RT461-DRWC:
Nominal RF output power transmitted is -11.5 dBm.

Receiver-in-the-ear (RIE) hearing aids of type **CAR12A** with FCC ID X26CAR12A, IC number 6941C-CAR12A and size 312 Zinc-air battery are available in following variants:

RT961-DRW, RT761-DRW, RT561-DRW, RT461-DRW:
Nominal RF output power transmitted is -10.34 dBm.

Receiver-in-the-ear (RIE) hearing aids of type **CAR13A** with FCC ID X26CAR13A, IC number 6941C-CAR13A and size 13 Zinc-air battery are available in following variants:

RT962-DRW, RT762-DRW, RT562-DRW, RT462-DRW:
Nominal RF output power transmitted is -7.1 dBm.

Additional information

Acknowledgments

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Manufacturer according to
EU Medical Device Directive
93/42/EEC

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Any issues relating to the EU Medical Device Directive 93/42/EEC or EU Radio Equipment Directive 2014/53/EU should be directed to GN ReSound A/S.

401305000GB-20.01 - Rev. A