



USER GUIDE

RECEIVER-IN-EAR HEARING INSTRUMENT
MODEL KS562-DRW



Hearing instrument type designations for models included in this user guide are: **MRIE**, FCC ID: X26MRIE, IC: 6941C-MRIE. Please see page 8 for list of models referring to all types.

Statement:

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.

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 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

Intended use

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

List of countries:

Products without wireless functionality are intended for worldwide sales.

Products with wireless functionality are intended for sale in countries within European Economic Area as well as Switzerland.

Specification of restrictions: You are not allowed to operate the equipment within 20 km of the centre of Ny Ålesund, Norway.

The products are in compliance 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) and essential requirements and other relevant provisions of Directive 1999/5/EC (R&TTE).
- The declaration of conformity may be consulted at www.resound.com
- In US: FCC CFR 47 Part 15, subpart C, section 15.249
- Other identified applicable international regulatory requirements in countries outside EU and US. Please refer to local country requirements for these areas.
- Products are categorized as receiver category 2 according to EN 300 440
- In Canada these hearing instruments are certified under models: **MRIE**/IC: 6941C-MRIE.

- This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
- Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- In Japan, this device has been granted a designation number by Ministry of Internal Affairs and Communications under “Ordinance Concerning Technical Regulations Conformity Certification, etc., of Specified Radio Equipment (特定無線設備の技術基準適合証明等に関する規則) ‘Article 2-1-19.’ This device should not be modified (otherwise the granted designation number will be invalid).”

Introduction

Congratulations on the purchase of your new hearing instruments. Kirkland Signature hearing aids are innovative sound technology and design, combined with the customised device programming selected by your hearing healthcare professional, will make hearing a more enjoyable experience. Hearing instruments will enable you to hear sounds that you may not have heard in years because of your hearing loss. Practice and a positive attitude are important in learning to use hearing instruments. Your Kirkland Signature hearing instruments have been adjusted according to your individual hearing loss and needs. Some people adjust quickly to wearing hearing instruments in their ears and hearing new sounds; other people may need more time.

Please read this manual carefully in order to wholly benefit from the use of your hearing instruments. With proper care, maintenance, and usage, your hearing instruments will aid you in better communication for many years. Ask your hearing healthcare professional if you have any questions.

Hearing instrument model: KS562-DRW

Battery size: 312

Receiver tube length: _____

Dome size: _____

Left serial number: _____

Right serial number: _____

Contents

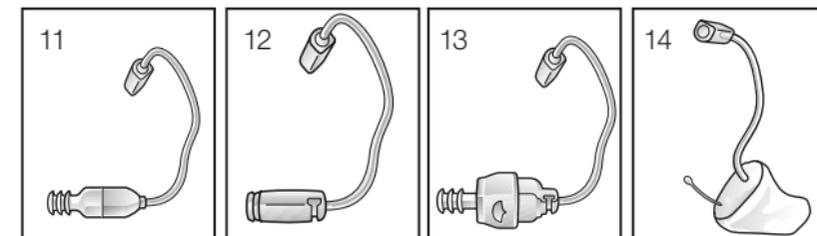
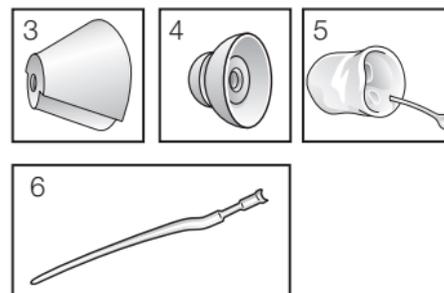
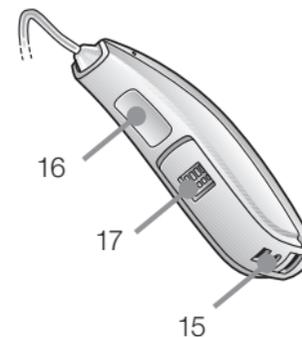
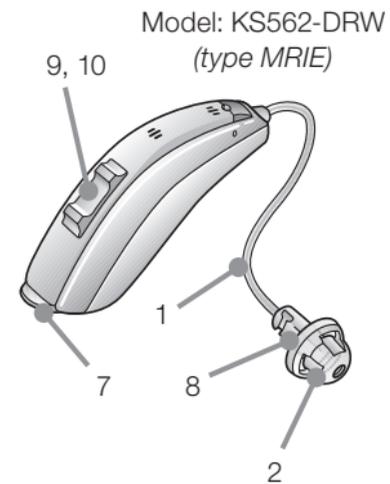
Introduction	4	Daily maintenance	24
Description of the hearing instruments	8	The receiver tube	25
Getting started	10	Cleaning the receiver tubes and domes	25
On/Off function	10	Cleaning RIE molds	25
Delayed Start	10	Changing wax guard for receiver tube	26
Inserting/Replacing the battery	10	How to apply domes	27
Low battery indicator	11	Using Kirkland Signature hearing instruments with smart phone apps	28
Sports lock	12	General precautions	38
Inserting/removing hearing instruments	12	General warnings	29
Program and Multi-Function buttons	14	Battery warning Information	30
Flight mode	17	Hearing instrument expectations	31
Telephone use	18	Important notice for prospective hearing aid users	31
Listen to radio or TV	19	Children with hearing loss	32
Cellular phones	19	Warning to hearing aid dispensers	33
Auto Phone Detection	19	Troubleshooting guide	34
Telecoil	21	Technical data	38
Tele-loop systems	22	Warranty and repairs	42
Direct audio input (optional)	22	Temperature test, transport and storage information	42
Connecting/Disconnecting audio boots	22		
Care and maintenance	23		

Receiver-in-the-ear (RIE) hearing instruments of type MRIE with FCC ID X26MRIE, IC number 6941C-MRIE and size 312 battery are available in the following variants:

KS562-DRW

The identification number for the MRIE, SY312 instrument models can be found at location "16" as indicated in the illustrations on page 9.

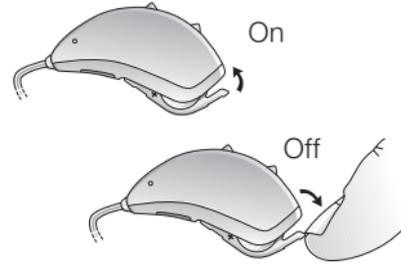
1. Receiver tube
2. Receiver Open Dome
3. Receiver Tulip Dome
4. Receiver Power Dome
5. RIE mold
6. Sports lock
7. Battery compartment (serial number inside)
8. Receiver
9. Push button
10. Volume Control (optional)
11. S receiver tube
12. NP receiver tube
13. HP receiver tube
14. UP receiver tube
15. Left/right indicator
16. Model name and serial number
17. Direct audio input



Getting started

On/Off function

1. When the battery door is closed, the hearing instrument turns on, and the default program will be activated.
2. To turn off the hearing instrument, open the battery door. Use your fingernail to pull it open.

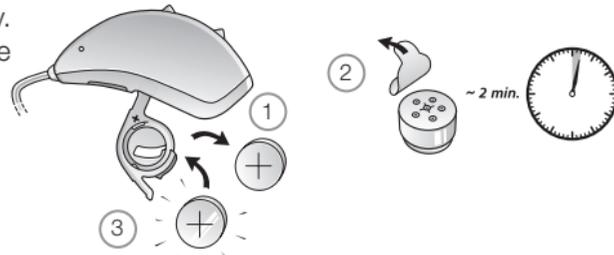


Delayed Start

Hearing instruments can be turned on once you have placed them on your ears. If you prefer to turn them on just prior to placing them on your ear, your hearing healthcare professional can activate a function called Delayed Start. This function will delay the time in which the hearing instruments turn on by ten seconds after the battery compartment is closed. With Delayed Start, a beep will be heard for each second of the delay period.

Inserting/Replacing the battery

1. Open the battery door completely by using your fingernail. Remove the used battery if present.
2. Prepare the new battery (please refer to page 7 for information on appropriate battery type/size for your hearing instrument). Remove the protective foil and wait 2 minutes before inserting the battery into the hearing instrument to allow activation of the battery.
3. Insert the new battery with the positive side in the correct position.
4. Gently close the battery door.



Tip:

1. Always use new Zinc-Air batteries that have a minimum remaining shelf life of one year.
2. Whenever the hearing instruments are not in use, remember to turn them off to avoid unnecessary battery consumption.

Low battery indicator

Your hearing healthcare professional can set your hearing instrument to give an acoustical indication when the battery is reaching its end of life. The hearing instrument will reduce amplification and emit a melody if battery power gets too low. This signal will recur every five minutes until the hearing instrument automatically switches off. It is recommended that you keep spare batteries on hand.

Low battery indicator (instruments paired with compatible wireless accessories only)

Active usage of the wireless accessories (Remote Control 2, Phone Clip+, TV Streamer and Clip-On Microphone) requires more battery power from the hearing instruments than when these are working on their own meaning that battery life is highly dependent on the amount of wireless accessory usage. When the battery in the hearing instrument has depleted to a level at which use of the TV Streamer, Phone Clip+ and Clip-On Microphone cannot be supported, the hearing instrument will play two sets of descending tones. After this, your hearing instrument and the Remote Control 2 will continue to work as usual, but you will not be able to use your TV Streamer, Phone Clip+ and Clip-On Microphone. At some point the battery level will not support the Remote Control 2 either and you will once again hear the descending tones. The hearing instruments will continue to work as usual. Once a new battery is inserted, full operation of the accessories will resume.

Sports lock

The sports lock will be applied or adjusted by your hearing healthcare professional.

Inserting/Removing hearing instruments

Insertion (custom RIE molds)

1. Hold the RIE mold between your thumb and index finger and position its sound outlet in your ear canal.
2. Slide the RIE mold all the way into your ear with a gentle, twisting movement.
3. Move the RIE mold up and down and gently press to ensure it is positioned correctly in the ear. Opening and closing your mouth can ease insertion.
4. Make sure the hearing instrument is seated behind the ear.

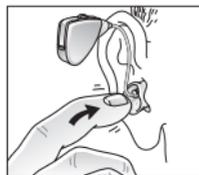
By experimenting, an easier method may be discovered. With proper insertion, hearing instruments should fit snugly but comfortably. If hearing instruments cause irritation of the ears, contact your hearing healthcare professional.



Never attempt to modify the shape of the hearing instrument, RIE molds, or tubing yourself.

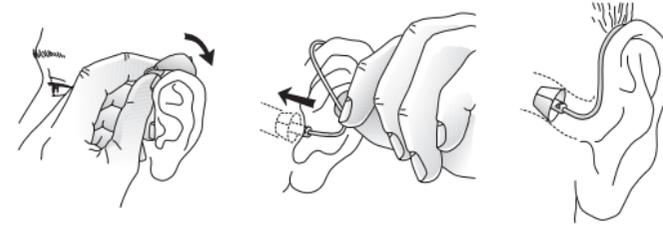


Tip: It may be helpful to pull the top of your ear back with your opposite hand during insertion to open the ear canal.



Insertion (domes)

1. Hold the receiver tube where it bends, and gently place the dome into the ear canal. Push the dome far enough into the ear canal so that the receiver tube lies flush with the side of the head.
2. It is important that the tube and the dome fit correctly into your ear.
3. When the dome is placed correctly, you should not be able to see the receiver tube sticking out when facing a mirror.



Note: You should never attempt to bend or modify the shape of the receiver tube.

Removal (RIE molds)

1. Grasp the removal string and pull the RIE mold outward.
2. Consult your hearing healthcare professional if you have difficulties removing the hearing instrument.

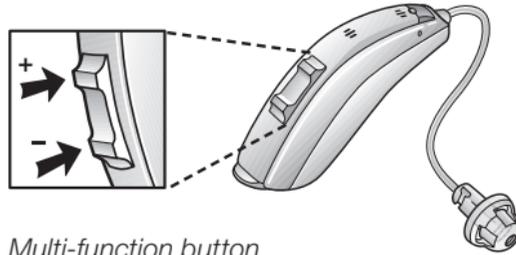
Removal (domes)

1. Hold the receiver tube with your thumb and forefinger and remove the tube.
2. Consult your hearing healthcare professional if you have difficulties removing the hearing instrument.



Program and Multi-Function buttons

The program button or multi-function button will allow you to use up to four different listening programs, each of them suitable for certain situations.



Multi-function button

Your hearing healthcare professional can fill out the following table for you.

Program	Description of when to use
1	
2	
3	
4	

When using the program or multi-function buttons to switch programs, each press will move the instrument to the next program. For example, if it was in program 1 it will switch to program 2, if it was in program 2 it will switch to program 3 etc.

When you close the battery door and switch the instrument on, it will start in program 1. Press the program or multi-function buttons if you want to move to a different listening program.

If you have two hearing instruments with the synchronization function enabled, program changes to one instrument will automatically repeat in the second instrument. When a program change is made in one instrument, you will hear the same amount of confirmation beeps in the second instrument.

Your instrument has a fully automatic volume control. Therefore, it should not be necessary to control the volume manually.

However, in addition to controlling listening programs, the multi-function button provides you with the ability to adjust the amplification to your liking.

If you have two hearing instruments with the synchronization function enabled and you have the Multifunction Button set for volume control functionality, volume adjustments to one instrument will automatically repeat in the second instrument. When a volume control adjustment is made in one instrument, you will hear a confirmation beep. A beep in the second instrument will follow.

The multi-function button is designed to change the volume or listening programs of the hearing instrument, based on different ways it is pressed.

If necessary, your hearing healthcare professional can change these settings and fill in the following table to indicate the new settings:

Multi-function button action	Default setting	New setting
Short press up	Increases volume	
Short press down	Decreases volume	
Long press up (3 seconds)	Changes programs	
Long press down (3 seconds)	Activates streaming	



Flight mode

When boarding a flight or entering an area where RF transmitters are prohibited, wireless functionality must be deactivated, as it is not allowed to radiate radio signals during flights or in otherwise restricted areas.

Follow the following steps to enter and leave flight mode:

It is possible to disable wireless operation by opening and closing the battery compartment three times within a ten second period (open-close, open-close, open-close). Your instruments will now be in flight mode.

If the hearing instrument is in flight mode, the hearing instrument must have been operating in flight mode for at least 10 seconds before attempting to enable wireless again. It is possible to re-enable wireless operation by opening and closing the battery door once. 10 seconds after this operation is completed, wireless operation will begin again.



Note: It is important to wait an additional 15 seconds after wireless function resumes before opening and closing the battery compartment again for any reason. If the battery compartment is opened and closed during this 15 second window, flight mode will resume.

Telephone use

If your hearing instruments are fit with a receiver open dome or receiver tulip dome, you can probably use the telephone as you normally would by holding it up to your ear canal opening. If your hearing instruments are fit with a receiver power dome or RIE mold, finding the optimal position for holding a telephone while using a hearing instrument may require practice for some individuals, and one or more of the following suggestions may be helpful.

1. Hold the telephone as you would normally.
2. Hold the telephone towards the top of the ear (closer to where the microphones are located).
3. If whistling occurs, it may take a brief moment of holding the telephone in the same position before the hearing instrument adapts and reduces the feedback.
4. Any whistling may also be decreased by holding the telephone slightly away from the ear.
5. Depending on your individual needs, your hearing healthcare professional may activate a program specifically for telephone use.



Listen to radio or TV

When listening to the TV or the radio, start out by listening to news commentators since they usually speak clearly, then try other programs.

If you find it difficult to listen to TV or radio, your hearing healthcare professional will be able to give you advice on available accessories to enhance your listening capabilities for TV and radio.

Cellular phones

Your hearing instrument is designed to comply with the most stringent Standards of International Electro-magnetic Compatibility. However, not all cell phones are hearing instrument compatible. The varying degree of disturbance can be due to the nature of your particular cellular phone or of your wireless telephony service provider.

If you find it difficult to obtain a good result while using your cellular phone, your hearing healthcare professional will be able to give you advice on available accessories to enhance listening capabilities.

Auto Phone Detection

The Auto Phone Detection function, allows your hearing instrument to automatically switch to your telephone program when a telephone receiver is raised to the ear. When the telephone receiver is removed from the ear, the hearing instrument automatically returns to the previous listening program.

Placement of Auto Phone Detection magnets

Place Auto Phone Detection magnet on your telephone receiver to allow operation of the Auto Phone Detection function. In order to place Auto Phone Detection magnet properly:

1. Clean the telephone receiver thoroughly.
2. Hold the telephone vertically, in a position similar to when making a telephone call.
3. Place the magnets just below the telephone receiver. Make sure not to cover the microphone openings. If necessary, move the magnet to another position to improve ease of use and comfort while speaking.
4. If you are not satisfied with the strength of Auto Phone Detection, you can reposition the Auto Phone Detection magnet or add additional Auto Phone Detection magnets.



Auto Phone Detection usage

Telephones can be used in a normal manner. A short melody will indicate that the Auto Phone Detection feature has automatically switched the hearing instrument to your telephone program. Initially, you may need to move the telephone receiver slightly to find the best position for reliable Auto Phone Detection activation and good hearing on the telephone.

If you have two hearing instruments with the synchronization function enabled, the volume of hearing instrument on the non-phone ear will be turned down.



Only use recommended cleaning agent to clean the telephone prior to placing the magnet on the phone in order to obtain best possible adherence.



Auto Phone Detection precautions

1. Keep magnets out of reach of pets, children and mentally challenged persons. If a magnet is swallowed, please seek advice from a medical professional.
2. The magnet may affect some medical devices or electronic systems. The manufacturer of any magnetically sensitive devices (e.g. pacemakers) should advise you regarding appropriate safety precautions when using your hearing instrument and magnet in close proximity to the medical device or electronic system 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).
3. High distortion during dialing or phoning may mean that the magnet is not in the optimal position relative to the telephone receiver. To avoid the issue, please move the magnet to another place on the telephone receiver.
4. Only use magnets supplied by the manufacturer.

Telecoil

A telecoil can be activated by your hearing healthcare professional and accessed through one of the additional programs. A telecoil picks up a telephone's magnetic signal and converts it to sound. An optional telephone program may help to improve speech understanding on the telephone. When using a telecoil program, the receiver of the telephone may need to be held closer to the hearing instrument. The handset of the telephone may need to be moved to slightly different positions in order to find the best reception.

Tele-loop systems

Many places, such as theatres, houses of worship, and schools are equipped with tele-loop systems. When using a telecoil program with tele-loop systems, sound is picked up directly and may improve speech understanding. If there is no sound from the hearing instruments in a tele-loop system and with a telecoil program activated, the tele-loop system may not be turned on or is not operating correctly. If a facility is not equipped with a tele-loop system, sitting as close as possible to the front may be helpful.

Direct audio input (optional)

Use of direct audio input (DAI), which enables a direct connection of the hearing instruments to items such as television, radio, and remote microphones, may increase speech understanding for some individuals. The sound source is connected to the hearing instruments by a cable or a wireless FM system to the audio boot. This accessory connects to the bottom of the hearing instruments, and once properly clicked into place, the hearing instruments switch to DAI automatically.

Connecting/Disconnecting audio boots

Connecting audio boots

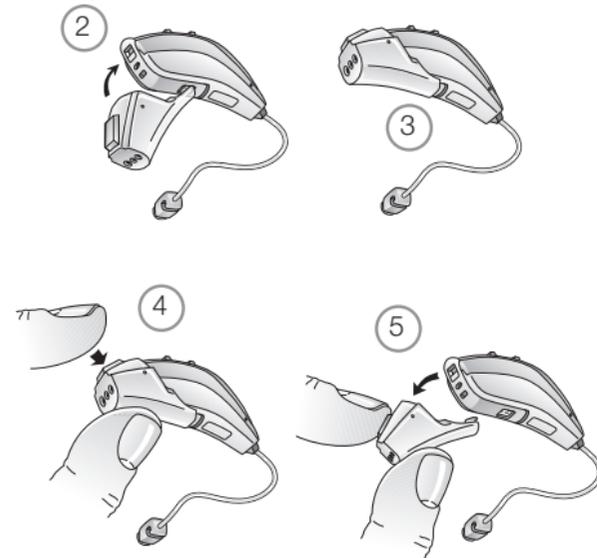
1. Align the tip of the audio boot with the groove just above the battery compartment and below the model name.



2. Once in place, move the boot in the direction of the battery compartment.
3. Gently click the audio boot onto the hearing instrument.

Disconnecting audio boots

4. Press and hold the button on the front side of the audio boot.
5. Gently remove the audio boot from the hearing instrument.



Care and maintenance

Your hearing instrument is protected by a layer of protective, hydrophobic nanocoat material. Please follow the following instructions to prolong the durability of your hearing instruments:

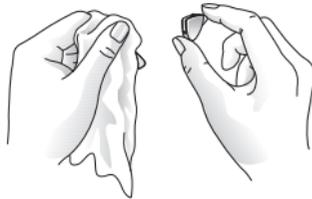
1. Keep your hearing instrument clean and dry. Wipe the case with a soft cloth or tissue after use to remove grease or moisture. Do not use water or solvents, as these can damage the hearing instrument(s).
2. Never immerse hearing instruments in water or other liquids, as liquids may cause permanent damage to the hearing instruments.

3. Avoid rough handling of hearing instruments or dropping them on hard surfaces or floors.
4. Do not leave hearing instruments in or near direct heat or sunlight, such as in a hot, parked car, as excessive heat can cause damage or deform the casing.
5. Do not wear your instrument while showering, swimming, in heavy rain or in a moist atmosphere such as a steam bath or sauna.
6. If your instrument does get wet, or if it has been exposed to high humidity or perspiration, it should be left to dry out overnight with the battery out and the battery compartment open. It is also a good idea to put the instrument and battery in a sealed container together with a drying agent (desiccator) overnight. Do not use the instrument until it is completely dry. Consult your hearing healthcare professional as to which drying agent to use.
7. Remove your hearing instrument when applying such things as cosmetics, perfume, aftershave, hair spray, and suntan lotion. These might get into the instrument and cause damage.



Daily maintenance

It is important to keep your hearing instrument clean and dry. On a daily basis, clean the hearing instruments using a soft cloth or tissue.



The receiver tube

The receiver tube contains the wiring to the receiver which delivers the sound to the ear canal. It is important that the receiver tube and the receiver dome/RIE mold fits correctly in your ear. If the receiver tube or the receiver dome/RIE mold irritates your ear in any way and prevents you from wearing your hearing instrument, please contact your hearing healthcare professional. You should never attempt to modify the shape of the receiver tube yourself. The receiver tube and the receiver dome/RIE mold should be cleaned regularly. Please see instructions in the next section.



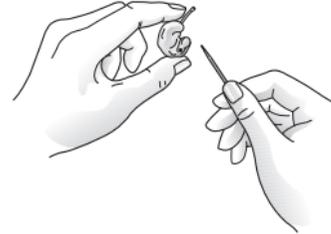
Cleaning the receiver tubes and domes

The receiver tube and the receiver dome should be cleaned regularly. Use a damp cloth to clean the receiver tube and receiver dome on the outside. Do not use water when you are cleaning the receiver tubes or the receiver domes. Please see instruction on the next page for how to change the wax guard filter.

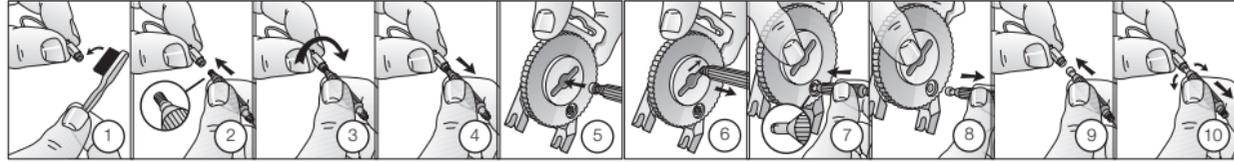


Cleaning RIE molds

1. Separate the mold from the receiver tube.
2. Clean the RIE mold using a mild soap, and rinse with lukewarm water.
3. After cleaning, dry RIE molds thoroughly and remove any residual water and debris from the tubing utilizing an air bulb and wire loop.



Changing wax guard for receiver tube



For NP receivers:

1. Clean any debris from the old waxguard.
2. Insert the wand into the old waxguard.
3. Twist the wand with the waxguard in a clockwise direction to ensure it is attached to the wand.
4. Pull the wand and waxguard away from the tube/mold.
5. Insert the old waxguard into the center of the HF3 wheel.
6. Dispose of the old waxguard by drawing the wand to the narrow end of the center disposal area.
7. Insert the empty wand into a new waxguard on the HF3 wheel.
8. Pull the new waxguard attached to the wand away from the HF3 wheel.
9. Insert the wand into the receiver tube/mold.
10. Twist the wand to release the new waxguard onto the receiver tube/mold.

For S and HP₂ receivers:

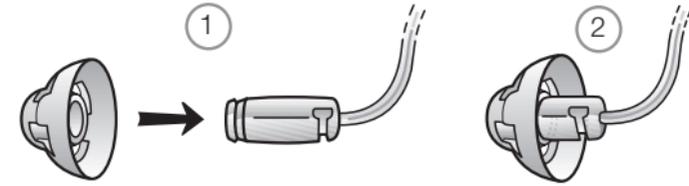
1. To remove the old wax guard, insert the removal side of the wax guard tool into the used wax guard so that the shaft of the tool is touching the rim of the wax guard. Slowly pull the wax guard straight out.
2. To insert the new wax guard, gently press the replacement side of the wax guard tool straight into the hole of the sound outlet until the outer ring lies flush with the outside of the receiver. Pull the tool straight out - the new wax guard will remain in place.

How to apply domes

It is recommended that your hearing healthcare professional change domes, as incorrect dome replacement could result in injury.

Standard domes

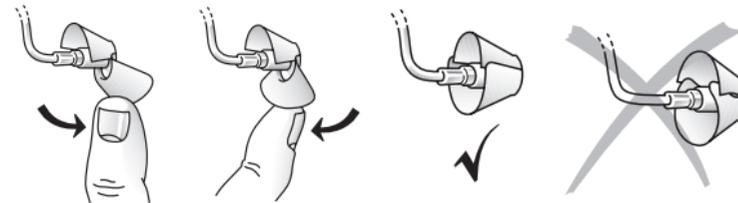
1. Push the new dome over the receiver.
2. Make sure that the new dome is properly and securely mounted.



Tulip domes

Tulip domes are mounted in a similar manner to standard domes, but a few extra steps are required. Tulip domes consist of two "petals". It is important to note that the largest petal is the outermost petal. To ensure this:

1. Push the largest petal away from the receiver tube using a finger. This bends the petal forward.
2. Then push the largest "petal" back, and it will be placed on top of the smaller petal.



Using Kirkland Signature hearing instruments with smart phone apps



Intended use of smart phone apps:

GN ReSound smart phone apps are intended to be used with Kirkland Signature wireless hearing instruments. GN ReSound smart phone apps send and receive signals from the Kirkland Signature wireless hearing instruments via smart phones for which the apps have been developed.

Use with smart phone apps:

- Notifications of app updates should not be disabled, and it is recommended that the user installs all updates to ensure that the app will function correctly and will be kept up to date.
- The app must only be used with Kirkland Signature devices for which it is intended, and GN ReSound takes no responsibility if the app is used with other devices.



General precautions

1. Do not leave hearing instruments in the sun, near an open fire, or in a hot, parked car.
2. Do not wear hearing instruments while showering, swimming, in heavy rain, or in a moist atmosphere such as a steam bath or sauna.
3. Should the hearing instrument become moist, remove the battery and place the hearing instrument in a closed container with a drying agent. Your hearing healthcare professional can provide options for drying containers or kits.
4. Remove the hearing instruments when applying items such as cosmetics, perfume, after-shave, hair spray, and suntan lotion.
5. When wireless function is activated, the instrument 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 instrument away from the affected electronic device.

6. When using wireless functionality and the devices are affected by electromagnetic interference, move away from the source.
7. Use only original consumables provided by the manufacturer e.g. tubes and domes. Never attempt to modify the shape of the hearing instrument, ear-molds, or tubing yourself.
8. Do only connect Kirkland Signature hearing instruments to accessories intended and qualified to be used with Kirkland Signature hearing instruments.



General warnings

1. Consult a hearing healthcare professional if you discover a foreign object in your ear canal, if you experience skin irritation, or if excessive ear wax accumulates with the use of the hearing instrument.
2. Different types of radiation, from e.g. NMR, MRI, or CT scanners, may damage hearing instruments. It is recommended not to wear hearing instruments during these or other similar procedures. Other types of radiation, such as burglar alarms, room surveillance systems, radio equipment, mobile telephones, contain less energy and will not damage hearing instruments. However, they have the potential to momentarily affect the sound quality or temporarily create strange sounds from hearing instruments.
3. Do not wear hearing instruments in mines, oil fields, or other explosive areas unless those areas are certified for hearing instrument use.
4. Do not allow others to use your hearing instruments. This may cause damage to the hearing instruments or to the hearing of the other individual.
5. Instrument usage by children or mentally challenged persons should be supervised at all times to ensure their safety. The hearing instrument contains small parts that could be swallowed by children. Please be mindful not to leave children unsupervised with this hearing instrument.
6. Hearing instruments should be used only as prescribed by your hearing healthcare professional. Incorrect use may result in hearing loss.

- External devices connected to the electrical input must be safe according to the requirements of IEC 60601-1-1, IEC 60065, or IEC 60950-1, as appropriate (wired connection; for example, HI-PRO), SpeedLink).
- If instrument is broken, do not use.
- Be careful when boarding flights, to remember to deactivate the wireless functionality. Turn off your wireless functionality by using the flight mode in areas where radio frequency emission is prohibited.



Note:

- * Kirkland Signature wireless instruments operate in the frequency range of 2.4 GHz - 2.48 GHz.
- * Kirkland Signature wireless instruments include a RF transmitter that operates in the range of 2.4 GHz - 2.48 GHz.
- * For use of wireless functionality only use wireless accessories intended to be used with Kirkland Signature hearing instruments. For further guidance regarding e.g. pairing, please refer to the user guide of the relevant wireless accessory.



Battery warning information

Batteries, although very small, contain dangerous substances, and should be disposed of carefully. This is for the safety of you and the environment. Please note:

- Do not attempt to recharge batteries (Zinc Air) which are not specifically designated as rechargeable because they may leak or explode.
- DO NOT attempt to dispose of batteries by burning them. Used batteries are harmful to the environment. Please dispose of them according to local regulations or return them to your hearing

healthcare professional.

- DO NOT place batteries in your mouth. Consult a physician immediately if a battery has been swallowed, as they can be harmful to your health.
- Keep batteries away from pets, children and mentally challenged persons.
- Remove the batteries to prevent leakage when the hearing instruments are not in use for an extended period of time.



Hearing instrument expectations

A hearing instrument will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. Consistent use of the hearing instrument is recommended. In most cases, infrequent use does not permit you to attain full benefit from it.

The use of a hearing instrument is only part of hearing rehabilitation and may need to be supplemented by auditory training and instructions in lip-reading.

Important notice for prospective hearing aid users (US Only)

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 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 evalu-

ation. 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.

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

The use of a hearing aid is only part of hearing rehabilitation and may need to be supplemented by auditory training and instructions in lipreading. Consistent use of the aid is recommended. In most cases, infrequent use does not permit you to attain full benefit from it.

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 since 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 a hearing loss.



Warning to hearing aid dispensers (US Only)

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:

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

Troubleshooting Guide

SYMPTOM	CAUSE	POSSIBLE REMEDY
No sound	Not turned on	Turn on by closing the battery door
	Dead battery	Replace battery
	Battery door will not close	Insert battery properly
	Blocked RIE mold	Clean RIE mold
	Blocked wax filter	Replace wax filter or consult your hearing healthcare professional
Not loud enough	Incorrect RIE mold placement	Reinsert RIE mold
	Blocked RIE mold or dome	Clean RIE mold, replace dome, replace filter
	Change in hearing sensitivity	Consult your hearing healthcare professional
	Excessive ear wax	Consult your hearing healthcare professional
	Volume set too low	Consult your hearing healthcare professional

Troubleshooting Guide

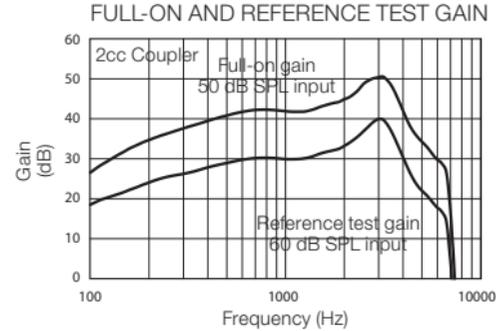
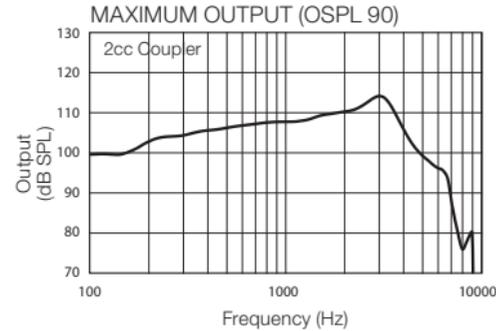
SYMPTOM	CAUSE	POSSIBLE REMEDY
Excessive whistling / feedback	Incorrect RIE mold placement	Re-insert RIE mold carefully
	Incorrect dome placement	Re-insert dome
	Excessive ear wax	Consult your hearing healthcare professional
	Feedback control may need adjustment	Consult your hearing healthcare professional
	RIE mold tubing worn or damaged	Consult your hearing healthcare professional
	Hearing instrument settings not optimal	Consult your hearing healthcare professional
Sound distorted / not clear	Weak battery	Replace battery
	Improper RIE mold or dome fit	Consult your hearing healthcare professional
	Hearing instrument damaged	Consult your hearing healthcare professional
	Hearing instrument settings not optimal	Consult your hearing healthcare professional
Wireless does not work	Possible Root Cause - Instrument is in flight mode	Open and close the battery compartment once. Wireless will reactivate 10 seconds later. (If Root Cause is instrument in flight mode)

RIE—S receiver

KS562-DRW

Reference test gain (60 dB SPL input)	HFA	32	dB
Full-on gain (50 dB SPL Input)	Max	50	dB
	HFA	44	dB
Maximum output (90 dB SPL input)	Max	114	dB SPL
	HFA	109	dB SPL
Total harmonic distortion	500 Hz	0.5	%
	800 Hz	0.7	%
	1600 Hz	1.1	%
	2500 Hz	0.4	%
Full-on Telecoil sensitivity @ 1mA/m		74	dB SPL
HFA - SPLIV @ 31.6 mA/m		92	
Equivalent input noise (w/o noise reduction)		20	dB SPL
Frequency range (DIN 45605)		100–6950	Hz
Current drain (in test mode)		1.35	mA

Data in accordance with ANSI S3.22–2009 and IEC 60118-7;
Supply Voltage 1.3 V, 2cc coupler

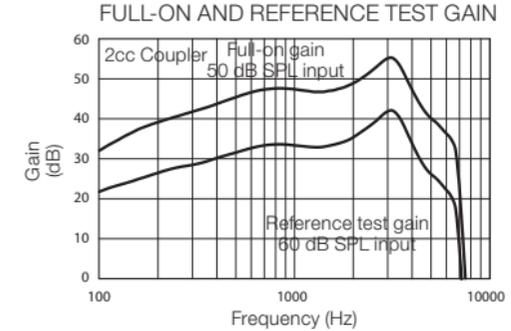
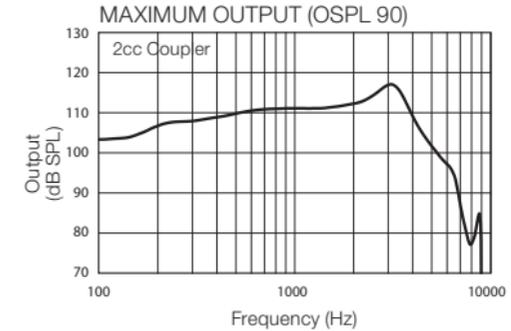


RIE—NP receiver

KS562-DRW

Reference test gain (60 dB SPL input)	HFA	34	dB
Full-on gain (50 dB SPL Input)	Max	55	dB
	HFA	49	dB
Maximum output (90 dB SPL input)	Max	116	dB SPL
	HFA	111	dB SPL
Total harmonic distortion	500 Hz	0.7	%
	800 Hz	0.7	%
	1600 Hz	0.9	%
	2500 Hz	0.3	%
Full-on Telecoil sensitivity @ 1mA/m		78	dB SPL
HFA - SPLIV @ 31.6 mA/m		94	
Equivalent input noise (w/o noise reduction)		18	dB SPL
Frequency range (DIN 45605)		100–6240	Hz
Current drain (in test mode)		1.34	mA

Data in accordance with ANSI S3.22–2009 and IEC 60118-7;
Supply Voltage 1.3 V, 2cc coupler

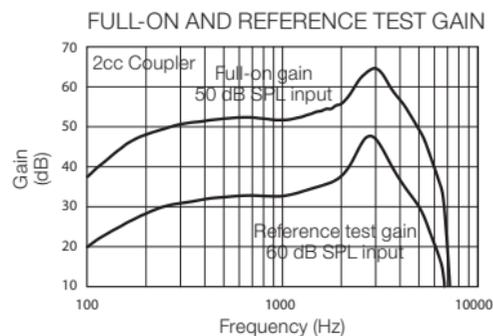
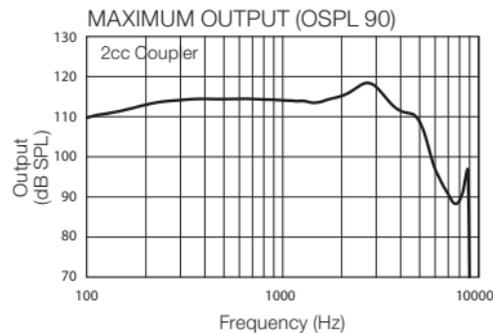


RIE—HP2 receiver

KS562-DRW

Reference test gain (60 dB SPL input)	HFA	37	dB
Full-on gain (50 dB SPL Input)	Max	65	dB
	HFA	55	dB
Maximum output (90 dB SPL input)	Max	118	dB SPL
	HFA	115	dB SPL
Total harmonic distortion	500 Hz	1.6	%
	800 Hz	1.9	%
	1600 Hz	1.5	%
	2500 Hz	0.3	%
Full-on Telecoil sensitivity @ 1mA/m		85	dB SPL
HFA - SPLIV @ 31.6 mA/m		99	
Equivalent input noise (w/o noise reduction)		22	dB SPL
Frequency range (DIN 45605)		100–6490	Hz
Current drain (in test mode)		1.3	mA

Data in accordance with ANSI S3.22–2009 and IEC 60118-7;
Supply Voltage 1.3 V, 2cc coupler

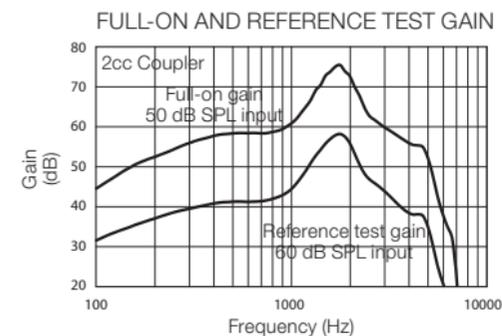
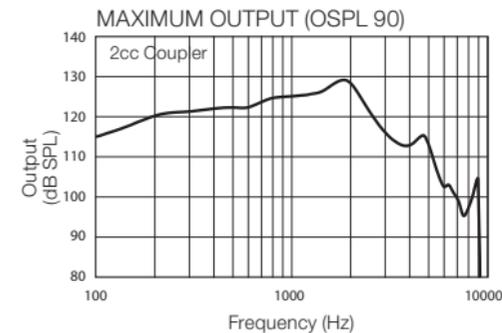


RIE—UP receiver

KS562-DRW

Reference test gain (60 dB SPL input)	HFA	50	dB
Full-on gain (50 dB SPL Input)	Max	75	dB
	HFA	66	dB
Maximum output (90 dB SPL input)	Max	129	dB SPL
	HFA	125	dB SPL
Total harmonic distortion	500 Hz	1.0	%
	800 Hz	1.6	%
	1600 Hz	0.2	%
	2500 Hz	0.1	%
Full-on Telecoil sensitivity @ 1mA/m		96	dB SPL
HFA - SPLIV @ 31.6 mA/m		109	
Equivalent input noise (w/o noise reduction)		24	dB SPL
Frequency range (DIN 45605)		100–5320	Hz
Current drain (in test mode)		1.29	mA

Data in accordance with ANSI S3.22–2009 and IEC 60118-7;
Supply Voltage 1.3 V, 2cc coupler



Warranty and repairs

The manufacturer provides a warranty on hearing instruments in the event of defects in workmanship or materials, as described in applicable warranty documentation. In its service policy, the manufacturer pledges to secure functionality at least equivalent to the original hearing instrument. 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 instruments 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.

For hearing instruments that require service, please contact your hearing healthcare professional at your local Costco Hearing Aid Center for assistance, or visit Costco.com or call 1-800-774-2678 for a Hearing Aid Center location. Hearing instruments that malfunction must be repaired by a qualified technician. Do not attempt to open the case of hearing instruments, as this will invalidate the warranty.

Temperature test, transport and storage information

Kirkland Signature Hearing Instruments are subjected to various tests in temperature and damp heating cycling between -25 C and +70C according to internal and industry standards. During transport or storage, the temperature should not exceed the limit values of -20C to 60C and relative humidity of 90% RH, non condensing (for limited time). The air pressure between 500 and 1100 hPa is appropriate.

Be aware of information marked with the warning symbol



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 instrument better.



Equipment includes RF transmitter



Product is a Type B applied part



Please ask your local hearing healthcare professional concerning disposal of your hearing instrument

KIRKLAND
Signature

Every Kirkland Signature product is guaranteed to meet or exceed the quality standards of the leading national brands. If you're not completely satisfied, your money will be refunded.

Distributed by:
Costco Wholesale Corporation
P.O. Box 34535
Seattle, WA 98124-1535
USA
1-800-774-2678
www.costco.com

Find out more at Costco.com