

Quick Reference:

RECEIVER-IN-THE-EAR (RIE) HEARING INSTRUMENTS

Model information:

Your hearing instrument model designation is

_____.

Battery information:

Your hearing instrument uses size _____ battery.

Distributed by:

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17490511-US 10.07 Rev. A

This document contains information regarding models:

**AL961, AL761, AL561
AL960, AL760, AL560**

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

Hearing Instruments are intended for hearing impaired people to improve their hearing. The essential performance 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 class 2 receiver according to EN 300 440

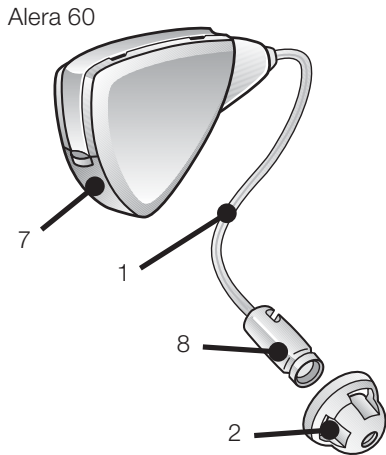
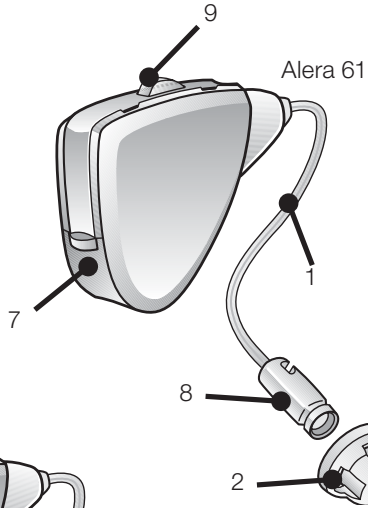
IC: 6941C-SY312

This Class B digital apparatus complies with Canadian ICES-003.

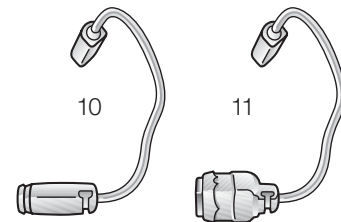
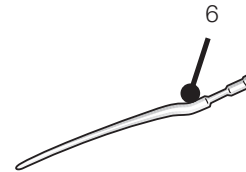
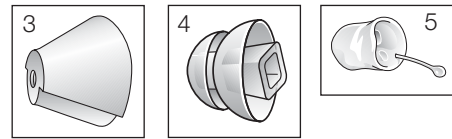
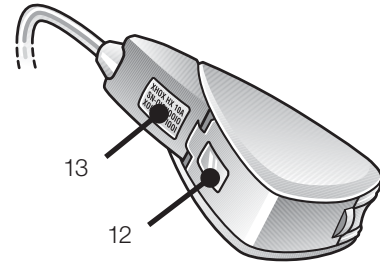
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**Receiver-in-the-Ear (RIE)
Hearing Instruments**

1. Receiver tube
2. Receiver Open Dome
3. Receiver Tulip Dome
4. Receiver Power Dome
5. RIE mold
6. Sports lock
7. Battery compartment
8. Receiver
9. Push button



10. NP receiver tube
11. HP receiver tube
12. Left/right indicator
13. Model, and serial number



Low battery indicator (Alera 61 instruments paired with accessories only)

Active usage of the ReSound Unite accessories (Remote Control, Phone Clip and TV Streamer) requires more battery power from the hearing instruments than when these are working on their own. When the battery in the hearing instrument has depleted to a level at which use of the ReSound Unite TV and Phone Clip cannot be supported, the hearing instrument will play two sets of descending tones. After this, your hearing instrument and ReSound Unite Remote Control will continue to work as usual, but you will not be able to use your ReSound Unite TV and Phone Clip. At some point the battery level will not support the remote control 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.

Flight mode* (Alera 61 only)

When boarding a flight, wireless functionality must be deactivated, as it is not allowed to radiate radio signals during flights.

It is possible to disable wireless operation by opening and closing the battery compartment of the hearing instrument while at the same time pressing the push button.

When disabled manually, wireless operation may be re-enabled by opening and closing the battery compartment normally, (i.e. without at the same time pressing the push button).

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.

**Instruments paired with accessories only*

PhoneNow

The PhoneNow function is available on some hearing instrument models and allows your hearing instrument to automatically switch to the telecoil or acoustic phone program when a telephone receiver is raised to the ear. When the telephone receiver is moved away from the ear, the hearing instrument automatically returns to the previous listening program. PhoneNow allows you to use the telephone in a normal manner. You will hear a beep whenever the PhoneNow feature automatically switches the hearing instrument into or out of your telephone program. Experiment with various telephone placements to find the best position for reliable PhoneNow activation and optimal hearing on the telephone.

PhoneNow magnets

While some telephone receivers produce a magnetic field strong enough to activate the PhoneNow feature, other telephone receivers require an additional magnet to be placed on the telephone receiver. The ideal placement of the magnet may vary with different phones. As a result, some experimentation may be required in order to identify the optimal magnet placement. Once you have identified the desired location for the magnet:

1. Clean the telephone receiver thoroughly.
2. Remove the paper backing from the adhesive pad on the magnet.
3. Place the adhesive side of the magnet against the phone and firmly press the magnet into place.



Technical data for BTE RIE

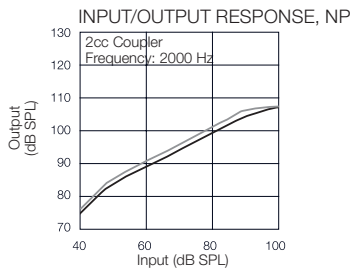
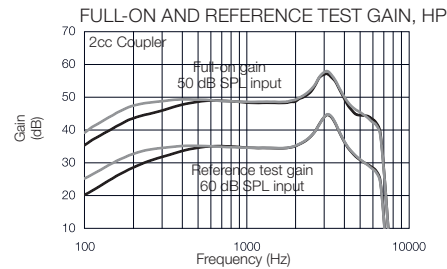
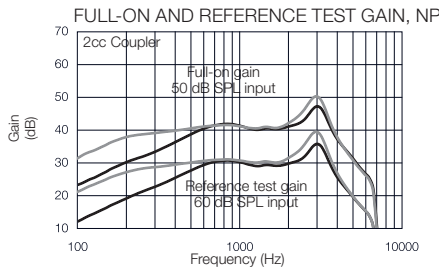
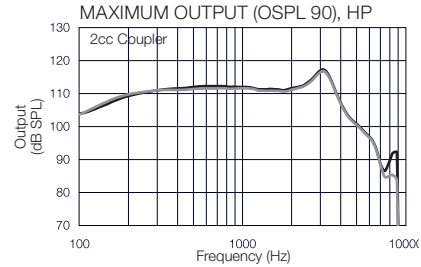
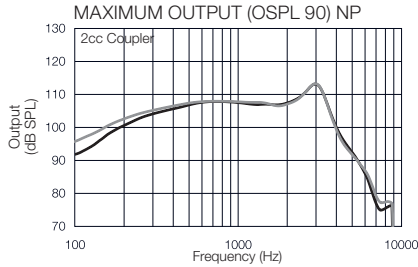
Model: AL961, AL761, AL561, AL960, AL760, AL560 - NP

		Open	Closed	
Reference test gain (60 dB SPL input)	HFA	30	32	dB
Full-on gain (50 dB SPL Input)	Max	47	50	dB
	HFA	41	42	dB
Maximum output (90 dB SPL input)	Max	114	114	dB SPL
	HFA	108	108	dB SPL
Total harmonic distortion	500 Hz	0.8	0.8	%
	800 Hz	0.8	0.9	%
	1600 Hz	0.7	0.8	%
Equivalent input noise (w/o noise reduction)		24	25	dB SPL
Frequency range (DIN 45605)		100–6790	100–6720	Hz
Attack & Release	Attack	7	7	ms
	Release	60	60	ms
Current Drain AL 60		1.2	1.2	mA
Current Drain AL 61		1.3	1.3	mA
Typical Battery life AL 60 (Battery type 10A)		88	88	hrs
Typical Battery life AL 61 (Battery type 312)		138	138	hrs

Technical data for BTE RIE

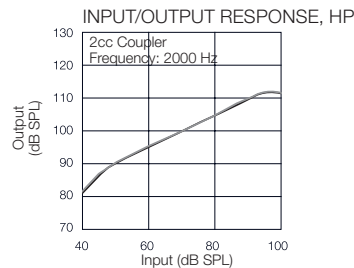
Model: AL961, AL761, AL561, AL960, AL760, AL560 - HP

		Open	Closed	
Reference test gain (60 dB SPL input)	HFA	35	35	dB
Full-on gain (50 dB SPL Input)	Max	57	58	dB
	HFA	49	49	dB
Maximum output (90 dB SPL input)	Max	117	117	dB SPL
	HFA	112	112	dB SPL
Total harmonic distortion	500 Hz	0.8	0.7	%
	800 Hz	1.1	1.0	%
	1600 Hz	0.9	0.8	%
Equivalent input noise (w/o noise reduction)		26	26	dB SPL
Frequency range (DIN 45605)		100–7150	100–7140	Hz
Attack & Release	Attack	7	7	ms
	Release	60	60	ms
Current Drain AL 60		1.2	1.2	mA
Current Drain AL 61		1.4	1.4	mA
Typical Battery life AL 60 (Battery type 10A)		88	88	hrs
Typical Battery life AL 61 (Battery type 312)		129	129	hrs



Data in accordance with ANSI S3.22–2003; Supply Voltage 1.3 V, 2cc coupler

— Open configuration
— Closed configuration



Data in accordance with ANSI S3.22–2003; Supply Voltage 1.3 V, 2cc coupler

— Open configuration
— Closed configuration