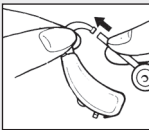



Ready ... Set ... Go!

Start here... more info inside.

1. Insert the battery.
(Ranger-7800 uses size 13, orange tab)
(Ranger-7910 uses size 675, blue tab)
2. Measure, cut and attach the tubing.

3. Place the hearing aid behind your ear.

4. Select your listening setting and volume level.

Ranger-7800 "Strong"
Ranger-7910 "Intense"



***Look inside for
complete instructions.***

© Hearing Help Express[®], Inc.



Congratulations on your choice of the NEW Ranger-7800 or Ranger-7910 high-powered hearing aid! You'll enjoy this modern, high-tech hearing aid that's engineered with American-made electronics. You'll hear and notice the difference right away!

- ▶ **100% DIGITAL**
- ▶ **Extra power**
- ▶ **Feedback management**
- ▶ **Noise reduction technology**
- ▶ **4 listening settings including a telephone setting**

So, put your NEW Ranger to the test and find out if it's right for you. We only ask that you read these instructions so you can make the most of your Ranger. **And do take advantage of your 45-day home trial.**

If you have any questions please call one of our licensed hearing aid dispensers or personal hearing consultants at 1-800-221-2099.

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All prices subject to change



1714 Sycamore Rd • PO Box 586 • DeKalb, IL 60115
Questions, call toll-free: 1-800-221-2099

Parts Identified



Ranger-7800
Power level 8



Ranger-7910
Power level 9

1. Earhook
2. ZipTip with tubing
3. Microphone
4. Volume control
5. Multi-memory push button
6. Battery holder



Battery Size:
Ranger-7800 uses size 13 (orange tab)

Ranger-7910 uses size 675 (blue tab)

Serial Number:
Located on the outer shell of both Ranger models.

On: With a fresh battery installed, close the battery door and wait 5 seconds for your hearing aid to turn on.

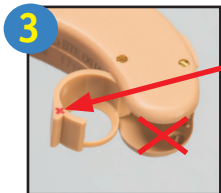
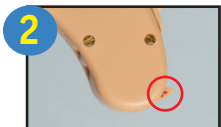
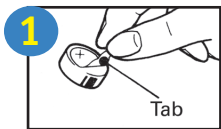
Off: Open the battery door to turn the hearing aid off.

Helpful Tips



- 1. Start Slowly** – Begin by using your new hearing aid a few hours a day while you are alone. If you are not used to wearing a hearing aid, you will probably notice many sounds you have not heard in a while. Crackling paper may be surprisingly loud. Other sounds like the refrigerator or air conditioner may feel uncomfortable. With time you should be able to focus on the sounds you want to hear. Hearing aids will not restore your old hearing, but with time and practice, they can help.
- 2. Read Out Loud** – Your own voice will sound different to you. Try reading out loud for 15 minutes a day to get used to the sound of your own voice.
- 3. Practice Listening to One Voice** – Start in a quiet environment listening to the radio or your favorite TV show. Then practice listening with one friend or family member at a time.
- 4. Listen and Talk in Small Groups** – Next try talking with a small group of friends or family members in a quiet setting. Crowded places such as restaurants or churches are likely to have more background noise that can interfere with your understanding. Remember, it is difficult for most people to understand in these situations. So, be patient and keep practicing. Your understanding should improve with time.

Ranger-7800 "Strong" battery instructions.

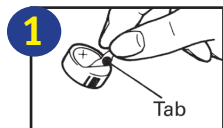


1. Remove the orange colored tab from the flat, (+) positive side of the size 13 battery. Wait one minute for battery to reach full power before using (*or testing*) battery.
2. Open battery compartment gently, using your fingernail or thumbnail. Pull out on the small lip of the battery holder located on the lower part of the Ranger-7800.
3. Place the battery in the battery holder – **NOT directly inside the hearing aid**. Fit the battery in the holder with the flat, positive (+) side facing up. **Note:** *There is a positive (+) sign on the rim of the battery holder, make sure the positive side of your battery is facing up in the same direction as + sign on the rim of the battery holder.*
4. Close the battery holder. **NEVER force the battery holder closed.** If the holder does not close easily then the battery is probably upside down.

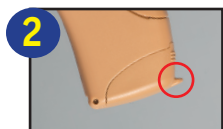
LOW BATTERY INDICATOR: When the battery is no longer strong enough to power your Ranger-7800, you will hear a series of 3 double beeps every few minutes. This will repeat until you replace the battery.

Questions, call toll-free: 1-800-221-2099

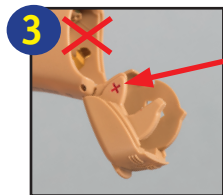
Ranger-7910 "Intense" battery instructions.



1. Remove the blue colored tab from the flat, (+) positive side of the size 675 battery. Wait one minute for battery to reach full power before using (*or testing*) battery.



2. Open battery compartment gently, using your fingernail or thumbnail. Pull out on the small lip of the battery holder located on the lower part of the Ranger-7910.



3. Place the battery in the battery holder – **NOT directly inside the hearing aid**. Fit the battery in the holder with the flat, positive (+) side facing up. **Note:** *There is a positive (+) sign on the rim of the battery holder, make sure the positive side of your battery is facing up in the same direction as + sign on the rim of the battery holder.*



4. Close the battery holder. **NEVER force the battery holder closed.** If the holder does not close easily then the battery is probably upside down.

The battery fits snugly in the battery holder and can be challenging to remove especially for those with dexterity problems. It is easiest to use a magnet stick (call to order) to easily insert and remove the battery.

LOW BATTERY INDICATOR: When the battery is no longer strong enough to power your Ranger-7910, you will hear a series of 3 double beeps every few minutes. This will repeat until you replace the battery.

Your Ranger hearing aid comes with 2 ZipTips with tubing.



Included with your order:

- Size Small ZipTip with no vent (try this ZipTip first)
- Size Small ZipTip with small vent (try this ZipTip if you experience the feeling of fullness in the ear or it sounds like you are talking in a barrel)

If you have trouble with the fit of the ZipTip, give us a call and we will send you a Size Medium to try. You may also want to consider trying a custom earmold (pg. 20).

ZipTip with tubing options:

Left Ear

ZipTip with tubing – \$10.00 ea

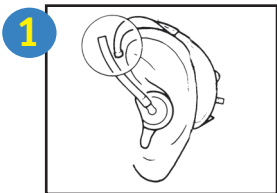
Small no vent	#86001
Medium no vent	#86003
Small with vent	#86011
Medium with vent	#86013

Right Ear

ZipTip with tubing – \$10.00 ea

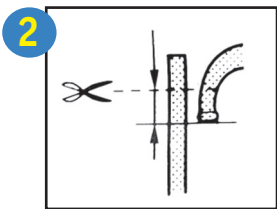
Small no vent	#86002
Medium no vent	#86004
Small with vent	#86012
Medium with vent	#86014

How to attach the tubing:



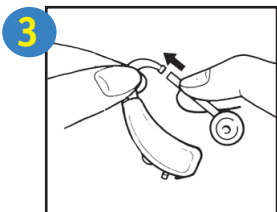
Put ZipTip and Ranger in place

1. Place the ZipTip with attached tubing in your ear and the hearing aid over your ear.



CUT OFF EXTRA TUBING

2. Observe where the tubing overlaps the earhook and mark the tubing leaving an 1/8 to 1/4 inch overlap. Cut off any extra tubing.



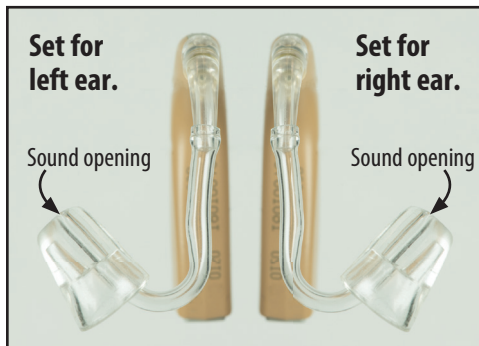
3. Insert the tip of the earhook into the tubing. If it is hard to insert, warm the tip of the flexible tubing with hot water.

How to tell your right Ranger-7800 / 7910 from your left Ranger-7800 / 7910:

Behind-the-ear hearing aids can be used on either ear but the ZipTips are specifically made to fit either the left or right ear. (Once you have attached your ZipTip and tubing to your hearing aid it is then set specifically for either your right or left ear.)

- **Left ear:** sound opening “points” left
- **Right ear:** sound opening “points” right

Questions, call toll-free:
1-800-221-2099



How to insert the Ranger-7800 / 7910:



1. Hold the tubing behind the ZipTip and insert the ZipTip into your ear.

If using a custom earmold, make sure it is correctly positioned in your ear. The top and bottom of the earmold should fit securely.



2. Place your Ranger hearing aid behind your ear by slipping it over the top of your ear.

Some people prefer to first place the hearing aid over their ear and then insert the ZipTip. Experiment and find what works best for you.

How to remove the Ranger-7800 / 7910:

Reverse steps 1 and 2 when removing your Ranger-7800 / 7910 hearing aid.

Ranger-7800 Volume Control:

Ranger-7800

To adjust the volume, rotate the volume wheel up to increase the volume (towards the earhook) or down to decrease the volume (towards the battery holder). The 0 on the volume wheel is the lowest volume and the 3 dashes (≡) is the highest volume.



Note: Feedback is a whistling or squealing sound that hearing aids can make. Feedback can be caused by a hearing aid being set too loud. If you experience feedback, reduce the volume slightly or try the ZipTip without a vent.

Choosing your Listening Settings – Ranger-7800:

You have 4 multi-memory settings to choose from. When turned on, your Ranger-7800 will be on the setting that was last used. You will hear 1-4 beeps to indicate what setting it is on. Simply push the button to choose the setting you need.



Setting 1: Normal setting – 1 beep. Use in most listening situations.

Setting 2: Noise setting – 2 beeps. Reduces the amount of low frequency amplification. Often helpful in noisy situations.

Setting 3: Whistle reduction – 3 beeps. Use if your Ranger-7800 whistles or sounds seem too sharp or tinny.

Setting 4: Telephone setting – 4 beeps. Use when talking on the telephone or with a loop system. Hold the telephone receiver as close to the hearing aid as possible. You will only hear sounds from the telephone or loop system.

Ranger-7910

Ranger-7910 Volume Control:

To adjust the volume, rotate the volume wheel up to increase the volume (towards the earhook) or down to decrease the volume (towards the battery holder). This is a digital volume control with a wide volume range, the wheel will continue to rotate even after the maximum or minimum level has been reached. When your Ranger-7910 is turned on it will be on the last volume level used.



Note: Feedback is a whistling or squealing sound that hearing aids can make. Feedback can be caused by a hearing aid being set too loud. If you experience feedback, reduce the volume slightly or try the ZipTip without a vent.

Choosing your Listening Settings – Ranger-7910:

You have 4 multi-memory settings to choose from. When turned on, your Ranger-7910 will be on the setting that was last used. You will hear 1-4 beeps to indicate what setting it is on. Simply push the button to choose the setting you need.



Setting 1: Normal setting – 1 beep. Use in most listening situations.

Setting 2: Noise setting – 2 beeps. Reduces the amount of low frequency amplification. Often helpful in noisy situations.

Setting 3: Whistle reduction – 3 beeps. Use if your Ranger-7910 whistles or its sounds seem too sharp or tinny.

Setting 4: Telephone setting – 4 beeps. Use when talking on the telephone or with a loop system. Hold the telephone receiver as close to the hearing aid as possible. You will only hear sounds from the telephone or loop system.

Care and Cleaning

We've done what we can to protect your Ranger hearing aid from moisture and earwax but a little regular cleaning by you will go a long way towards trouble-free use. Without regular cleaning, wax and moisture can build up and prevent your hearing aid from working properly. We suggest cleaning your Ranger hearing aid in the morning before you use it and storing it overnight in a DryAid Dehumidifier. For best results consider purchasing the Cleaning Care Plan (pg. 22).

Cleaning your Ranger-7800 / 7910:

**Cleaning
Brush**

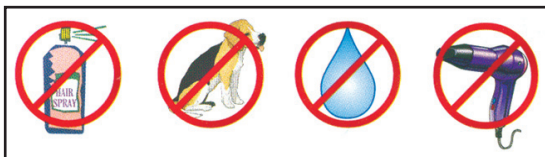


1. Wipe off the outside of the hearing aid and the ZipTip with a soft cloth or hearing aid cleaning wipes (call to order).
2. Gently brush across the microphone openings (see pg. 4 for microphone location(s) on your Ranger hearing aid model) using the enclosed cleaning brush. Questions? Call 1-800-221-2099

IMPORTANT CARE INSTRUCTIONS

BEGINNING THE DAY:

After showering, apply all lotions, creams, hairspray, perfume and cologne BEFORE

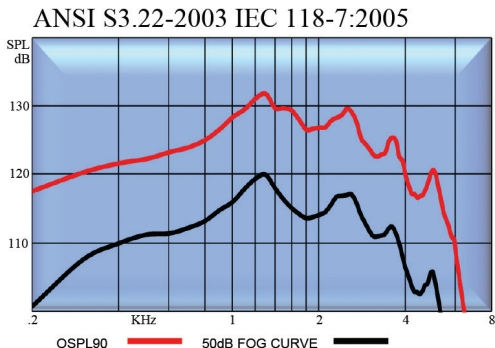


putting on your hearing aids. Water and such sprays can damage hearing aids. And please remember, your hearing aids are sensitive and don't like extreme heat or cold. Never place your Ranger hearing aid(s) in water. If it becomes wet, immediately remove the battery and let your hearing aid(s) stand in a dry place or DryAid dehumidifier for several hours. NEVER use heat (blowdryer, oven, microwave, etc.) to dry your Ranger hearing aid(s).

AT THE END OF THE DAY: Open the battery door when not wearing your hearing aid. Any moisture inside your hearing aid can then evaporate, extending the life of your hearing aid(s). With the battery door open, you can be assured your hearing aid is off and not squealing. A squealing hearing aid can attract pets which have been known to chew on hearing aids and damage them beyond repair. Even better, remove the battery and store your Ranger hearing aid(s) overnight in a DryAid dehumidifier.

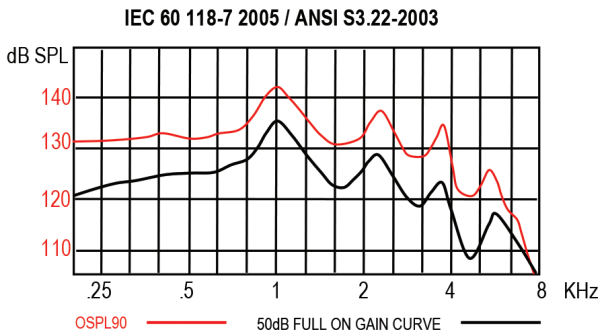
Ranger-7800 Technical Data

Maximum SSPL90.....	131 dB
HFA SSPL90.....	129 dB
HFA full-on gain.....	65 dB
Reference test gain.....	52 dB
Frequency range.....	200 Hz to 6000 Hz
Equivalent input noise.....	25 dB
Total harmonic distortion.....	500 Hz: 3%, 800 Hz: 3%, 1600 Hz: 2%
AGC Attack time.....	6 msec
AGC Release time.....	120 msec
Induction coil sensitivity.....	102 dB
Battery type and current.....	size 13 (Orange), 1.40 mA
Battery life.....	approx. 195 hours
Dimensions.....	1.44 x .44 x .44 inch



Ranger-7910 Technical Data

Maximum SSPL90.....	142 dB
HFA SSPL90.....	135 dB
HFA full-on gain.....	78 dB
Reference test gain.....	59 dB
Frequency range.....	200 Hz to 6000 Hz
Equivalent input noise.....	28 dB
Total harmonic distortion.....	500 Hz: 3%, 800 Hz: 3%, 1600 Hz: 3%
AGC Attack time.....	10 msec
AGC Release time.....	250 msec
Induction coil sensitivity.....	135 dB
Battery type and current.....	size 675 (blue), 2.5 mA
Battery life.....	approx. 250 hours
Dimensions.....	1.8 x .66 x .53 inch



Precautions: A hearing aid is a precision electronic device and as such, it requires the care in use and handling that you would afford any fine piece of equipment. The following precautions are not meant to discourage normal use of your hearing aid, but are suggested to insure quality performance and long life from your hearing aid.

Do not drop or throw your hearing aid, as this may damage internal components. Do not expose your hearing aid or batteries to excessive heat, such as from stove tops, hair dryers, heat lamps or your automobile rear shelf or glove compartment. Do not immerse your hearing aid in water or other liquids, or wear it while bathing, showering or swimming. If your hearing aid is to be stored for any length of time, be sure to remove the battery and store both in a cool, dry place. Your hearing aid has been constructed from the finest materials, using the latest engineering technology; however, in rare instances, an individual may exhibit signs of skin irritation, allergic reaction, or accelerated

accumulation of cerumen (earwax). If this occurs, consult your physician.

Keep new and used batteries out of reach of children and those with diminished mental capacity. Batteries, if consumed, can be harmful. Consult your physician immediately and call the National Battery Hotline collect (202) 625-3333.

Federal law permits an adult to purchase hearing aids by mail. You may either send a prescription or sign a medical waiver.

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, otolotists or otorhinolaryngologists. The purpose of a 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 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: 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: 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:

Warning Signs:

- 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 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.***

NOTE: Special care should be exercised in selecting and fitting a hearing aid whose maximum sound pressure level exceeds 132 decibels because there may be a risk of impairing the remaining hearing of the hearing aid user.

Hearing with Your New

Amplification The world will seem noisier at first, but in time, you should become accustomed to your new listening experiences, learn to hear speech more clearly, and enjoy many of the special sounds you may have been missing. Obtaining maximum benefit from your new hearing aid(s) requires effort and practice on your part. Your new hearing aid(s) will not restore normal hearing and will not prevent or improve hearing impairment resulting from organic conditions. In most cases, infrequent use of the hearing aid(s) will not permit you to obtain full benefit from it. Follow the program recommended by your hearing professional. The use of your hearing instrument(s) is only part of your hearing rehabilitation, and you may need supplemental auditory training and instructions in lipreading.

Improve your Ranger with a custom earmold

- ✓ Reduce feedback (whistling)
- ✓ Reduce stuffed up feeling
- ✓ Reduce talking-in-barrel sound

Making your earmold is easy.

Step one: We'll send you a kit with materials and complete instructions so you or a friend can make your ear impression. (If you have had ear surgery or ear damage or if you have an unusual ear canal, have your doctor assist you.)

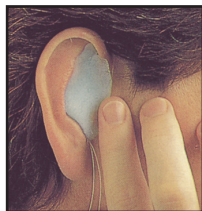
Step two: It's easy – over 100,000 people have made their own impression at home. Impression material sets up in minutes and easily can be removed from your ear. Of course, if you have any questions we're always happy to help.

Step 3: Mail your ear impression to us and we use it to make your custom earmold. You can expect to receive a finished earmold in about two weeks.

There's a refundable \$19 charge for the impression kit that will be credited in full when you return your impressions. Plus, you'll get a \$5.00 coupon with your earmold for future orders.

	<u>Hard Lucite</u>	<u>Soft</u>
1 earmold.....#88421.....	\$79.99.....	\$89.99
2 earmolds.....#88435.....	\$159.98.....	\$179.98

Prices subject to change



Making an Impression



Hard & Soft Earmolds



Wearing an Earmold

If your hearing aid is: **WHISTLING (FEEDBACK)**

1. Turn the volume down, it may be set too high. (pgs. 12 & 13)
2. Use listening setting #3 (pgs. 12 & 13)
3. Check that your ZipTip is inserted correctly (pg. 11).
4. Try the ZipTip with no vent or call customer service for other options.
5. Verify that the tubing is attached correctly and is both soft and in good condition. If the tubing has hardened or is damaged, it should be replaced (pg. 8).
6. Your Ranger may briefly whistle when a hand, hat or other object is near it or when inserting and removing.

If your hearing aid is: **WEAK, DISTORTED, DEAD**

1. Check that the battery is inserted correctly (pgs. 6 & 7).
2. Try a fresh battery.
3. Clean your Ranger, microphone port and ZipTips (p. 14).
4. If your Ranger goes dead periodically, but comes on after several hours of rest, the problem may be a build-up of humidity. Try storing it in a DryAid dehumidifier when not in use. Call toll-free to order.

If your hearing aid requires service, send it to:

Hearing Help Express • 1714 Sycamore Rd • PO Box 586 • DeKalb, IL 60115-0586

1. Call 1-800-221-2099 for authorization before returning your aid for repair.
2. Enclose a note with your name, address, phone number and a description of what is wrong with your hearing aid.
3. Pack your hearing aid securely in a sturdy box. **(Do not mail hearing aids in an envelope, they could be destroyed during shipping!)** We recommend insured mail or UPS for your protection.

Service Plans – *Protect your hearing investment*

Protection Plan – One year of worry-free hearing aid repairs or replacements! (\$80-\$280 ea)

- **Act Now!** - The optional Protection Plan is available for purchase for up to 90 days from the shipment date of your hearing aid(s).
- **Get PROTECTED** - Water, droppage, step on it - You name it! We will fix or replace it at no additional charge for one year (loss or theft are not covered).
- **Comprehensive Coverage** - This plan goes above and beyond the limited manufacturer's warranty. We will repair any damage or send a replacement hearing aid if we can't fix it at no extra charge to you.
- **Simple Process** - Call ahead to get authorization to send us your broken aid. Once received, we will diagnose, repair or replace it in just a few days. Loaner hearing aids are available for \$15 each.



Cleaning Care Plan – Get the MOST out of your Hearing Aids (\$149.99 each)

- **Maintain Optimal Hearing Performance** - Today's hearing aids are filled with sensitive electronics to give you the best experience possible. Over time earwax and moisture can tamper with those electronics and the performance of your aids may suffer. Choose the Cleaning Care Plan to have your aids cleaned and serviced by our team of in-house technicians to make the most out of your hearing aids.
- **Extend the Lifetime of Your Aids** - The Cleaning Care Plan offers up to four yearly cleaning services. Simply call when you're ready for service. Our customers who have their hearing aids cleaned by our technicians replace their hearing aids less frequently than those that do not.
- **Our Process** - Up to 4 times per year we will send you loaner hearing aids in a box with prepaid postage to send your aids to us for service. Our technicians will professionally deep clean your aids and replace tips or tubing if necessary. Once the service is complete we will return your hearing aids in another prepaid box and you mail the loaner aids back to us. It's that simple.



BEST BATTERIES



RAYOVAC
TRUSTED NAME SINCE 1930

You always get:

- ✓ Best battery value
- ✓ Home delivery
- ✓ Fresh! Fresh! Fresh!

CALL TOLL-FREE
1-800-221-2099

Call for your preferred brand and we'll rush your batteries to your door!



Eco-Gold MAX
LONG-LASTING

Accessories – (800) 221-2099

YOUR MONEY-BACK GUARANTEE FROM HEARING HELP EXPRESS®

Your 2-way assurance of complete satisfaction

1. *45-Day, Risk-Free Trial Money-Back Guarantee*

Try your Hearing Help Express® Ranger hearing aid(s) for 45 days risk-free. If you are not 100% satisfied, simply return all materials within 45 days from the date of delivery, and we will refund any money paid towards the purchase price. You are responsible for the safe return of all materials in their original condition. Ship insured mail.

2. *One Year Limited Manufacturer's Warranty*

Your Ranger hearing aid(s) is warranted for one year against defects in manufacturer's materials and workmanship. That means if they didn't do a good job making your hearing aids then we're going to fix them. For service, you must send your Ranger hearing aid(s) to Hearing Help Express for this warranty to apply. Ship insured mail.



1714 Sycamore Rd • PO Box 586 • DeKalb, IL 60115-0586

Questions, call toll-free: 1-800-221-2099

HH.367-170803