

user manual

core

life ear

congrats

LifeEar® CORE puts you in control, helping you optimize your hearing with ease. The **CORE** creates an accurate, unique profile, instantly personalizing your hearing aids, in the privacy of your own home. Advanced digital sound technology adapts to the noise level around you, so conversations and sounds stay crisp, sharp, and clear — year after year.





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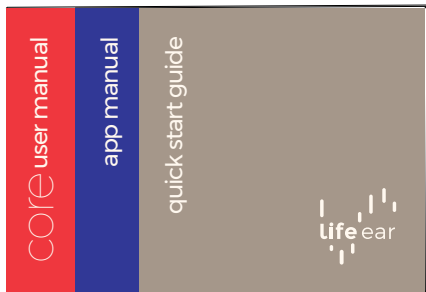
box contents



CORE hearing aid(s)
assembled with thin tubing
and open *ComfortTIP*[™]



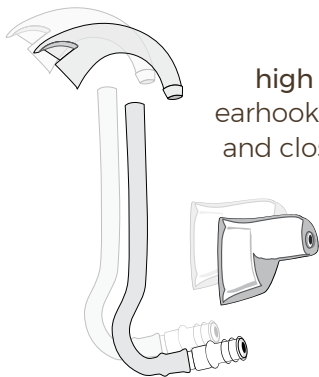
size 312 batteries



CORE manuals
user manual, app manual,
and quick start guide



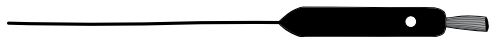
microfiber cloth



high volume kit(s)
earhook, 13PLUS tubing,
and closed *ComfortTIP*



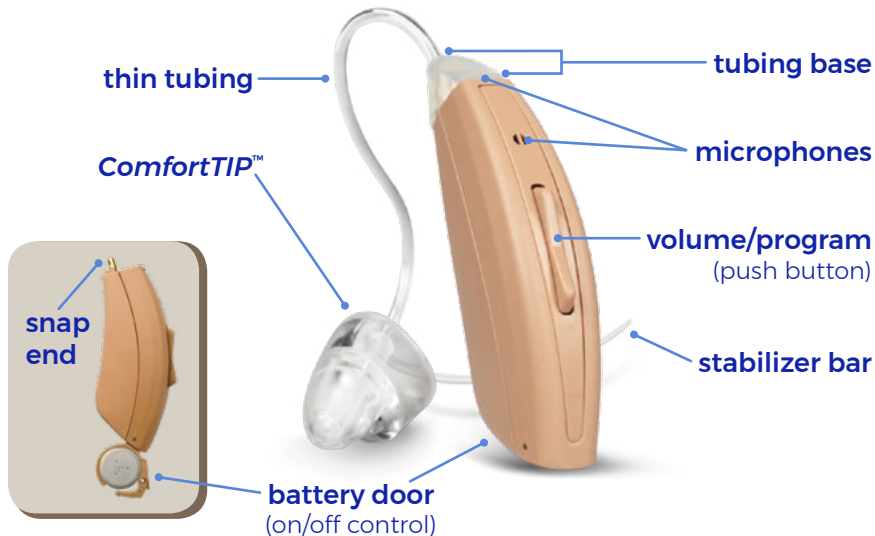
carrying case



cleaning tool



core diagram



quick start

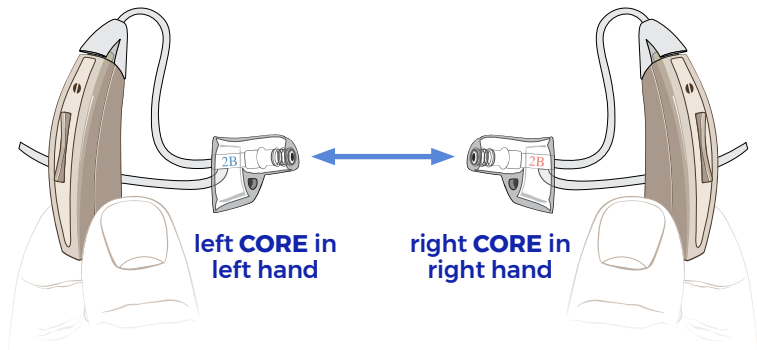
Three easy steps for using your LifeEar® CORE.

- 01.** Insert battery to turn on.
- 02.** Place CORE on your ear.
- 03.** Adjust volume and/or program.

note: The app is required to personalize your LifeEar. See the app manual for personalization instructions.

identifying your left and right CORE

Hold an aid upright in each hand, with the controls facing you. The tips/tubing point toward each other when in the correct hand.



note: Tubing and tips are left and right ear specific. The CORE body becomes left/right specific once it's personalized with the LifeEar app.

insert battery/turn on

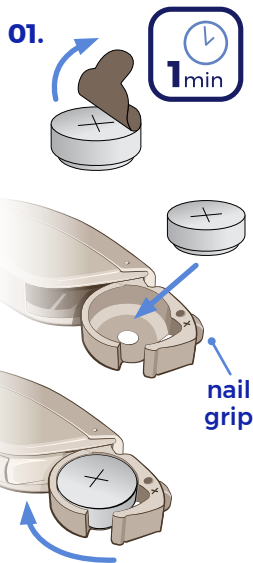
Battery Type: Size 312 zinc-air (brown tab)

01. Remove brown adhesive tab. **Wait one (1) FULL minute for battery to fully activate.**

02. Hold CORE with the push button facing right. Use the nail grip to open battery door. Insert battery “+” side up.

03. To turn CORE on, close battery door.
(To turn off, open battery door.)

note: If battery door does not close easily, battery may be inserted upside down.



Low Battery Warning: A voice prompt indicates “low battery”. You will have about five (5) minutes before losing power.

Battery Tips:

- Open battery door when not in use.
- Store batteries in original packaging.
- Do not use expired, unsealed, or corroded batteries.
- Do not leave exhausted batteries in your **CORE**.



*caution: Be sure to keep batteries out of reach from children and pets. If a battery is accidentally swallowed, seek medical attention immediately, or call the **National Battery Hotline** at 1-800-498-8666.*

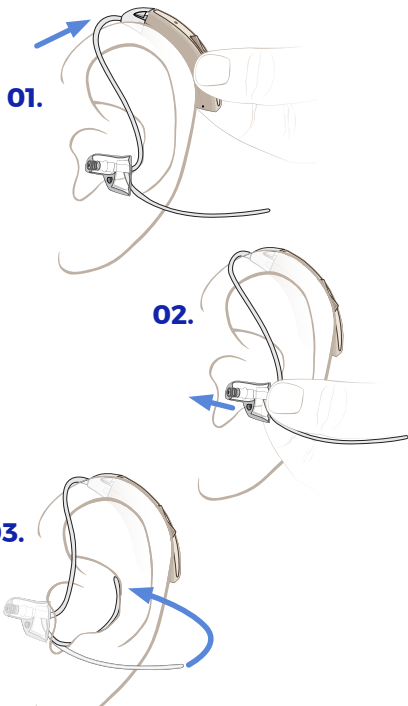
place on ear

01. Place CORE body behind ear. The curve of thin tubing should rest on top of your ear comfortably (next to glasses).

02. Hold thin tubing at stabilizer bar junction. Gently insert *ComfortTIP™* into ear canal.

note: Steps 1 and 2 may be reversed if you find it is easier to insert the tip first.

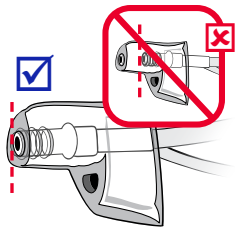
03. Tuck stabilizer bar in the outer bowl of ear. It may be trimmed to suit the size of your ear.



product safety and handling

Prevent tip from coming off in ear:

The end of tubing should be visible through the opening of the *ComfortTIP*. Otherwise, tubing may detach from tip when removing from ear.



Prevent whistling:

Whistling may be heard if **CORE** is not positioned securely in your ear. Once *ComfortTIP* is properly inserted, whistling will stop.

If you experience whistling at higher volumes, remove **open** *ComfortTIP* and replace with **closed** *ComfortTIP* (see page 16).



the **CORE** in final position

volume and program control

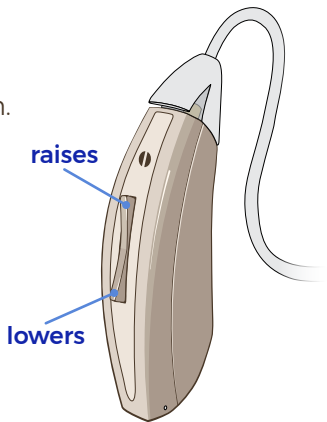
The CORE uses a multi-function push-button.
Top of button – raises volume and program.
Bottom of button – lowers volume and program.

Change volume: Press and quickly release.

There is a single beep with every increment.
A voice prompt indicates minimum and maximum volume.





Change program: Press and hold.

A voice prompt indicates the program number.



important! When turned on, CORE will take five (5) seconds to begin amplifying sound. Raise the volume SLOWLY to avoid a sudden blast.

program selection

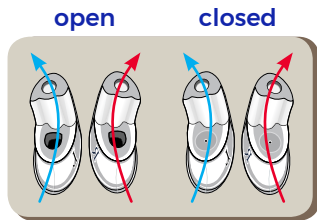
program	best when you're ...	prompt
 1. Automatic	"out and about", it automatically adapts to the noise level around you.	"Program one"
 2. Quiet	in a constant "quiet" environment, like at home watching TV.	"Program two"
 3. Conversation	having conversation in small groups of three to five people.	"Program three"
 4. Restaurant	in a noisy restaurant or loud place, to provide maximum noise reduction.	"Program four"

note: When CORE is turned off and back on, it will reset to Program 1.

replacing tips and tubing

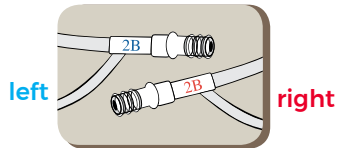
ComfortTIPS™: Left and right specific.

- Open (default): Allows natural sound and better air flow.
- Closed: Allows highest volume without feedback.



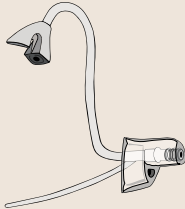
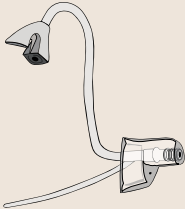
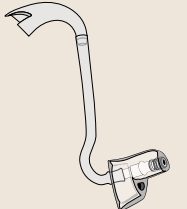
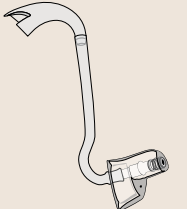
Tubing:

- Thin tubing (default): Left and right specific.
- **13PLUS** tubing: Allows higher output/more volume or a custom tube length (included in the High Volume Kit, see page 18).



tip and tubing combination chart

Experiment to find which combination works best for you.

lower output		higher output	
Thin Tube + Open <i>ComfortTIP</i>	Thin Tube + Closed <i>ComfortTIP</i>	<i>13PLUS</i> Tube + Open <i>ComfortTIP</i>	<i>13PLUS</i> Tube + Closed <i>ComfortTIP</i>
			
initial assembly	other combinations		high volume kit

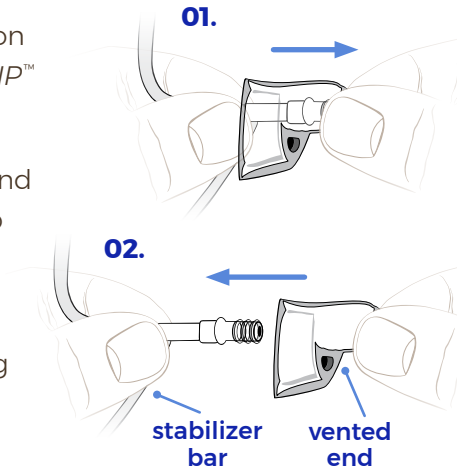
replacing tips

01. Hold tubing at stabilizer bar junction with one hand and remove *ComfortTIP*[™] with other hand.

02. Align new *ComfortTIP* so vented end is lined up with stabilizer bar. Push tip over the ridges on end of tubing.

03. important! The end of the tubing should be visible through the opening of the *ComfortTIP* to prevent tip from detaching (see page 11).

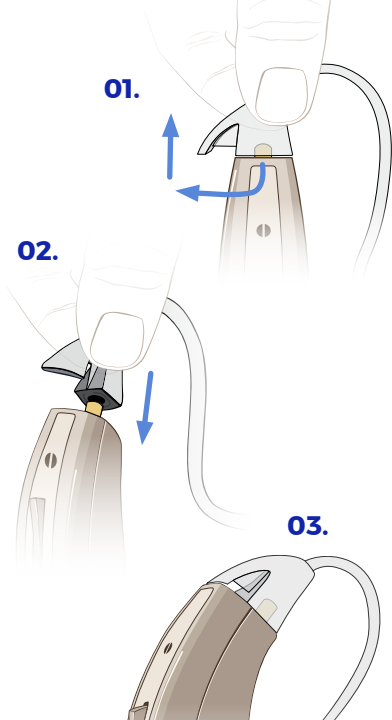
note: ComfortTIPs are left and right specific (see page 14).



replacing tubing

- 01.** Rotate tubing base 90° and pull off to remove old tubing.
- 02.** Align new tubing base with CORE body and push to attach.
- 03.** Make sure the tubing base is flush with the sides of CORE body when you are finished.

note: Thin tubing is left and right specific (see page 14).



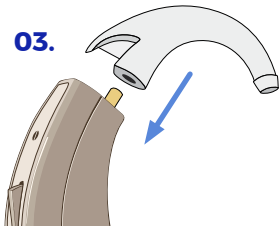
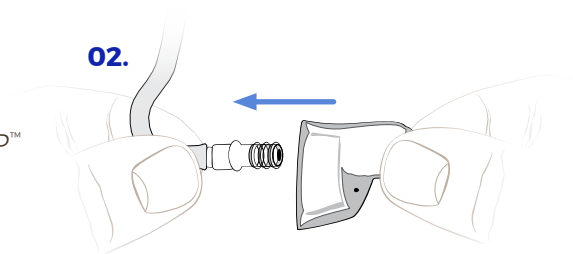
high volume kit

Use the High Volume Kit (located in the accessory box) if you require a higher volume or a custom tube length.

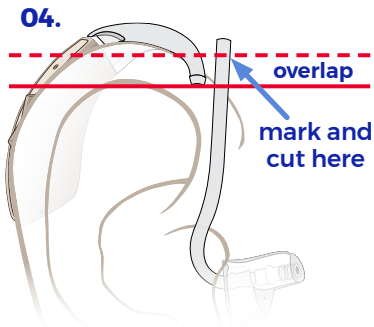
01. Remove thin tubing
(see page 17).

02. Attach closed *ComfortTIP™*
to *13PLUS* tubing.

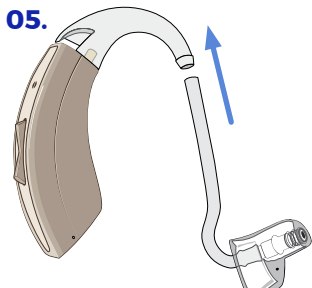
03. Push earhook onto
CORE body.



04. Insert *ComfortTIP* (with *13PLUS* tubing attached) into ear canal. Place **CORE** body behind ear so the earhook rests on top of ear. Mark a line on tubing **ABOVE** the bottom of earhook. Cut tubing at marked line.



05. Push the cut end of *13PLUS* tubing over the end of earhook.



ordering replacement parts

For optimal performance, tubing and *ComfortTIPs*[™] should be replaced every three (3) months. Over time, these items may become stiff and discolored, affecting both fit and sound quality. Regular replacement will keep your **CORE** sounding and feeling like new.



care and cleaning

01. Daily cleaning:

Use cleaning tool brush to remove debris from *ComfortTIP™*, push-button, and microphones. Then wipe CORE with the microfiber cloth.

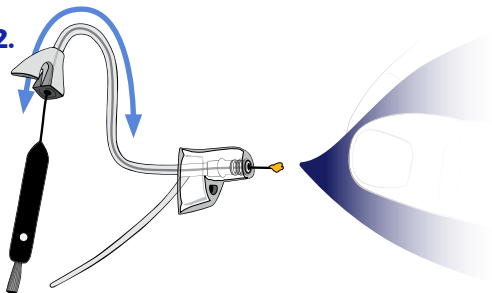
01.



02. Regular cleaning:

Remove tubing (see page 17). Thread cleaning tool wire through tubing base and out of tip. Wipe end of wire clean and repeat as necessary.

02.



guidelines for optimal performance

- Do not let your CORE get wet.
- Do not expose your CORE to excess moisture or heat.
- Remove your CORE before using hair spray or a hair dryer.
- Avoid physical shock, such as dropping on the floor.
- Store in a cool dry place, such as a hearing aid dehumidifier, with battery door open.
- For prolonged periods of non-use, remove battery to prevent corrosion.



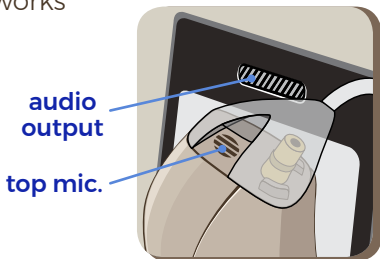


telephone use

Use Program 2 when using the phone. You may need to make slight adjustments to the volume of either your phone or **CORE**.

If whistling occurs, try different positions with the phone's audio output and **CORE**'s top microphone until you find what works best for you.

*note: The speaker function on your phone also works well with your **CORE**.*



troubleshooting

issues			
Intermittent or distorted sound	Feedback: Whistling/squealing	Weak or no sound	
		✓	Open/close battery door
✓		✓	Replace battery
✓	✓	✓	Adjust volume
✓		✓	Use dehumidifier
✓	✓	✓	Clean tubing/tip
✓	✓	✓	Clean ear canal
✓	✓	✓	Change tubing/tip

action steps

note: For more detailed troubleshooting tips, see the following pages.

01. sound is intermittent or distorted.

- Trapped moisture may be distorting the amplified sounds. Consider using a hearing aid dehumidifier overnight.
- Lower the volume.
- Replace the battery with a fresh one.
- Check tubing/tip for wax or debris that may be blocking sound. Clean tubing/tip and replace if they appear worn.

02. instrument makes a whistling sound.

- Whistling (feedback) occurs when amplified sound returns to the microphones and is re-amplified.
- Most hearing aids whistle when not inserted properly. Reinsert the *ComfortTIP*[™] into ear canal so it fits better.
- Lower the volume.
- If whistling occurs when you raise the volume, try using a closed *ComfortTIP*.
- If whistling occurs after trying a closed *ComfortTIP*, you might require more gain (volume) and should try the High Volume Kit (see page 18).
- Clean any wax or debris from tubing/tip and/or ear canal. Whistling will disappear when the condition is corrected.

03. instrument has a weak or no sound.

- Trapped moisture may be distorting the amplified sounds. Consider using a hearing aid dehumidifier overnight.
- Make sure your **CORE** is turned on.
- Make sure battery is fresh and inserted correctly (see page 8).
- Remove tubing from the **CORE** body and increase volume. If it whistles, your **CORE** is working and the tubing/tip needs to be cleaned or replaced.

warnings

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:

- Visible congenital or traumatic deformity of the ear.
- History of active drainage from the ear within the previous 90 days.
- History of sudden or rapidly progressive hearing loss within the previous 90 days.
- Acute or chronic dizziness.
- Pain or discomfort in the ear.
- Unilateral hearing loss of sudden or recent onset within the previous 90 days.
- Audiometric air-bone gap equal to or greater than 15 decibels at 500 hertz (Hz), 1000 Hz, and 2000 Hz.
- Visible evidence of significant cerumen accumulation or a foreign body in the ear canal.

Stop using the LifeEar® CORE and consult a physician if:

- Hearing in one or both ears worsens.
- Hearing does not improve while using the CORE.
- Skin irritation develops in or around your ear canal.
- Your ear becomes occluded with excessive ear wax.
- You develop an infection of your ear or ear canal.

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

A hearing aid will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. In most cases infrequent use of a hearing aid does not permit a user to attain full benefit from it. The use of hearing aids is only part of hearing rehabilitation and may need to be supplemented by auditory training and instruction in lip reading.

important notice for 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 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 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 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 (without prior consultation by an ear specialist) is not in your best health interest and its use is strongly discouraged.

Children with hearing loss

This product is not for use by anyone under 18 years of age. 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. Hearing loss may cause problems in language development, educational growth, 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.

FCC regulations

Per FCC 15.19(a)(3) and (a)(4), this device complies with part 15 of the FCC Rules. Operation is subject to the following 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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Radio Equipment Directive Information: The equipment operates in the ISM 2.4 GHz band (2.40 – 2.4835 GHz), using the Bluetooth™ SMART protocol, and the maximum RF Power transmitted in that band is -10.1 dBm EIRP.

Manufactured for LifeEar® by SC Industries.

FCC ID: POMIINHAB3A0

technical specs

MAX OSPL90	124 dB SPL
HF average OSPL90	119 dB SPL
HFA full-on-gain	40 dB SPL
THD	500 Hz 3%
.....	800 Hz 1%
.....	1600 Hz 0%
Equivalent input noise	24 dB
Battery current drain	0.90 mA

www.LifeEar.com

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