

If you have any questions, or your hearing protection requires service, please contact your hearing professional:

**USER'S GUIDE:
Electronic Hearing
Protection & Enhancement**



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IDENTIFICATION



Full Shells – Rear View

Serial numbers are imprinted on the back of Full Shell, Half Shell, and CIC (Completely in Canal) models, on the side of the Quick Fit™ and on the shell of MiniCanal™ models.



Quick Fit™

The serial number for SHS units can be found inside the battery door or on the spine.



MiniCanal™

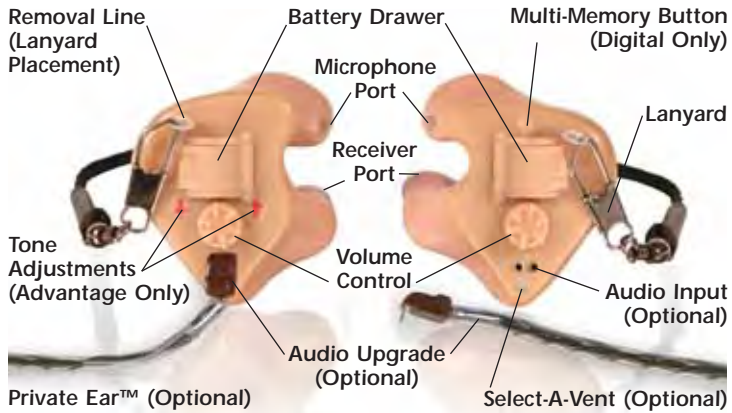
Full Shell, Half Shell, and CIC (Completely-in-Canal) models are marked with a red dot on the inner shell of the instrument to indicate that the unit is intended for the right ear and a blue dot to indicate the left ear.



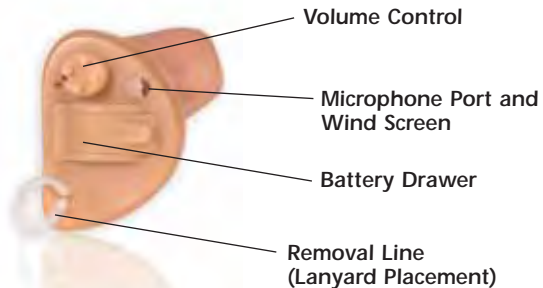
SHS

Some MiniCanals feature a red shell (right) and a blue shell (left.) Some MiniCanals with beige shell feature a red indication (right) and a blue indication (left.)

FEATURES: FULL SHELL

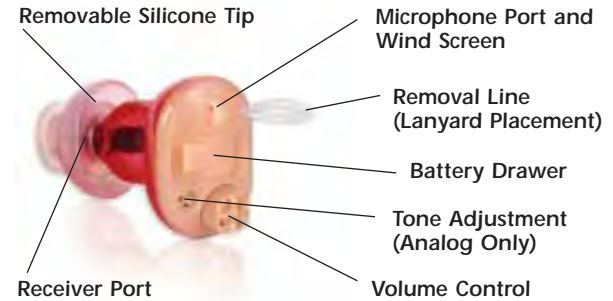


FEATURES: HALF SHELL



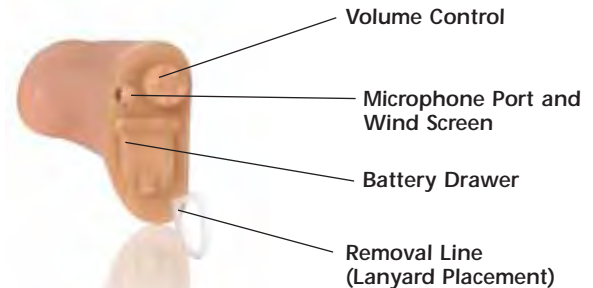
Your hearing protection may have different combinations of these features.

FEATURES: MINICANAL™



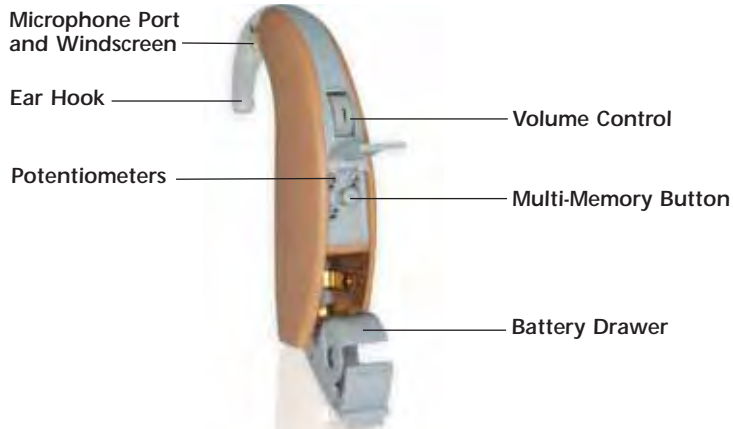
Your MiniCanal™ model may differ from the one shown here.

FEATURES: CIC (COMPLETELY IN CANAL)

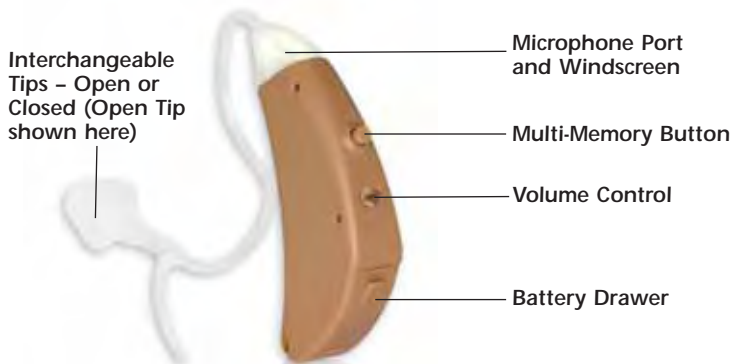


Your hearing protection may have different combinations of these features.

FEATURES: SHS



FEATURES: QUICK FIT™



Your hearing protection may have different combinations of these features.



HEALTHY HEARING

Proper use of your hearing protection is crucial to reduce the risk of hearing damage due to high level noise exposure.

It is highly recommended that you have an annual hearing evaluation by a licensed Hearing Healthcare Professional. This will keep you informed of any changes in your hearing.

There are many things that contribute to hearing loss, including natural aging, diseases and lack of protection to high levels of noise. Your hearing protection can reduce the risk of hearing damage when used properly. Use your hearing protection when sound levels are greater than normal everyday levels (i.e. gunshots, motorcycles, etc.)

BATTERY INSTALLATION & REMOVAL

Battery Sizes:

Full Shell: Size 13

CIC Shell: Size 10

SHS: Size 13

Half Shell: Size 312

MiniCanal: Size 10

QFs: Size 312

Installing the battery

Open the battery compartment by gently lifting the raised edge of the swing-out drawer. Place the battery in the drawer with the "+" side facing the same direction as the "+" sign on the drawer. Close the battery compartment by gently swinging the drawer until it securely snaps in place.

Remove installed batteries by fully opening the drawer and pushing the battery out from the bottom.

If the drawer does not close easily, verify that the battery is placed correctly in the compartment. **DO NOT FORCE THE BATTERY DRAWER SHUT.**

NOTE: Turning the unit to the "OFF" position does not deactivate Zinc-Air batteries, which will continue to drain at a very low rate as long as the surface ports are exposed to the outside air.

BATTERY WARNING



Warning: Batteries are dangerous if swallowed. If ingested, immediately contact a physician or the **National Button Battery Ingestion Hotline at (202) 625-3333.**

Dispose of used batteries in the proper waste or recycling container. Keep batteries out of reach of children and pets.



CONTROLS

Volume Control.

Allows you to adjust the amount of amplification.

Full Shells, Half Shells, MiniCanals™: To increase amplification, turn the volume control forward, toward your face. To decrease amplification, turn the volume control backward, toward the back of your head.

For SHS models, turn the Volume Control to a higher number for higher volume.

On Quick Fit™ models, rotate clockwise for higher volume, counter-clockwise for lower volume.

Turning your Instrument On and Off. Your instrument is on any time a functioning battery is placed in the compartment, and the battery drawer is closed. To turn your instrument off, fully open the battery drawer and remove the battery.

Tone Adjustments. Advantage only. Rotate clockwise (toward the blue dot) for higher bass, counter-clockwise (toward the green dot) for higher treble.



MiniCanal™



Full Shell, Half Shell



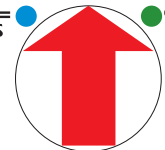
SHS



Quick Fit™

BLUE=
BASS

GREEN=
TREBLE



Application and removal of silicone tip:

- 1 To apply silicone tip, hold tip between thumb and index finger. Insert MiniCanal™ tip into silicone tip as shown.



- 2 To remove silicone tip, grasp MiniCanal™ instrument and tip between thumb and index finger and gently pull apart.



DO NOT USE THE BATTERY DRAWER AS HOLDING POINT. DAMAGE MAY OCCUR.

Inserting your MiniCanal™

- 1 To insert your MiniCanal™, hold it with the extraction line between your thumb and index finger. The microphone opening should be at the bottom.

Gently guide the MiniCanal™ into your ear canal until you feel resistance.

Release the extraction line. Using your index finger, push the MiniCanal™ in until it is seated comfortably in your ear canal. Pulling down on your ear lobe with your other hand as you push may help with insertion.



- 2 **Removing your MiniCanal™**
To remove, grasp the extraction line and gently pull the MiniCanal™ out of your ear canal.



DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR MINICANAL™. DAMAGE MAY OCCUR.

HALF SHELL/CIC MODELS

Inserting your Half Shell/CIC

To insert your Half Shell (shown, right), hold it between your thumb and index finger. In most cases, the volume control should be at the top.



To insert your CIC, hold it by the removal line. In most cases, the volume control should be at the top.



Gently guide the Half Shell/CIC into your ear canal. Press on the instrument to ensure that it is in place. To achieve the highest level of protection, the instrument must be properly inserted.

Removing your Half Shell/CIC

To remove your Half Shell or CIC, reach into the ear with your thumb and index finger, and gently pull out the instrument using the monofilament handle.



DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR HALF SHELL OR CIC. DAMAGE MAY OCCUR.

FULL SHELL MODELS

Inserting your Full Shell

To insert your Full Shell, hold it between your thumb and index finger with the battery drawer facing away from the ear.



Slowly insert the Full Shell into your ear canal. Gently twist the Full Shell until it is securely and comfortably seated in your ear.



To achieve the highest level of protection, the instrument must be properly inserted.

Removing your Full Shell

To remove your Full Shell, grasp the instrument with your thumb and index finger, and gently twist it as you pull outward.



DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR FULL SHELL. DAMAGE MAY OCCUR.

Installing the Battery

1. To install the battery, open the battery compartment by gently lifting the raised edge of the swing-out drawer.
2. Place the battery in the drawer with the + side facing the same direction as the + sign on the drawer.
3. Close by gently swinging the drawer until it snaps in place.



DO NOT FORCE THE BATTERY DRAWER SHUT. If the drawer does not close easily, verify that the battery is placed correctly in the compartment.



To measure the correct length of tubing for a custom fit:

1. Place SHS over the back of the ear with the ear hook pointing toward your face.
2. Insert the earplug, with tubing attached, into the ear canal. Angle tubing toward the ear hook. Measure enough tubing to cover the ear hook approximately 1/8 inch.
3. Remove SHS and earplug. Cut tubing to the length measured. Insert the ear hook into the tubing. Place the SHS over your ear and reinsert the earplug into the ear canal.

How to Wear Your SHS

1. To insert the earmold, hold it between your thumb and index finger.
2. Slowly insert the earmold into your ear canal. Gently twist it until it is securely and comfortably seated in your ear. To achieve the highest level of protection the instrument must be properly inserted.
3. Place the SHS unit behind your ear.



To Remove Your SHS, take the instrument out from behind your ear and gently pull the earmold outward.



M-T-O switch. Some SHS models are equipped with an M-T-O switch, located on the spine of the unit. For normal listening situations, set the switch to the "M" or Microphone position.

When using the Private Ear™ option, set the switch to "T". To turn the SHS off, set the switch to the "O" or Off position.

NOTE: Turning the unit to this position does not deactivate the Zinc-Air battery which will continue to drain at a very low rate as long as the surface ports are exposed to air.

Volume control adjustment.

To increase amplification, turn the volume control upward to display a higher number. To decrease, turn downward to a lower number.



Installing the Battery

Your Quick Fit™ uses a size 312 battery. Always use correct size battery and type. To insert or replace battery, use your fingernail to gently pull the door open. Place the battery in the drawer with the "+" side facing the same direction as the "+" sign on the drawer.



Close the battery compartment by gently swinging the drawer until it securely snaps in place.



DO NOT FORCE THE BATTERY DRAWER SHUT. If the drawer does not close easily, verify that the battery is placed correctly in the compartment.

Remove installed batteries by fully opening the drawer and pushing the battery out from the bottom.

Multi-Memory Switch

The Multi-Memory button allows you to select from the different memory settings that your hearing professional has programmed for you. For more information on the Multi-Memory switch, see page 19.

Volume control adjustment

Rotate clockwise for higher volume, counter-clockwise for lower volume.



How to Wear Your Quick Fit™

The Quick Fit™ comes with two types of interchangeable tips. Use the **Open Tip** for hearing enhancement in quiet activities like bow hunting, nature listening, and communications. Use the **Closed Tip** for hearing protection from loud sounds such as gunfire, industrial noise, racing and motor-cycling. (Note: In this case, superior sound quality remains, but most users will experience some degree of occlusion due to the closed tips required to reduce loud sounds.)



Inserting and Removing Your Quick Fit™

Before insertion, make sure battery door is closed properly.

1. Install appropriate tip (open tip, closed tip or custom mold.)
2. Hold the tubing with your thumb and forefinger close to the tip you have chosen.
3. Gently insert the earbud or custom shell into your ear canal. To achieve the highest level of protection the tip must be properly inserted.
4. Place the instrument case behind the ear.
5. Move the retention lock into position by lifting and placing it into the bowl of your ear.
6. Use your finger to secure the lock in the most comfortable position.

To remove the instrument from your ear, simply grab the tubing close to the earbud or custom shell and remove from ear. Remove instrument from the top of the ear.

To see video of proper Quick Fit™ insertion, go to www.earinc.com and click on the "User Guide/Video" link.

USING THE PRIVATE EAR™ OPTION

The Private Ears™ option brings communications from a two-way radio or cell-phone straight to the ear via an induction loop system. This feature enables the user to camouflage radio commands communications without any wires to the ear.

The Private Ear™ option is available on Full Shell, Half Shell, SHS and Quick Fit™ models and is designed to activate when used with a telephone or communication radio connected to an induction loop which transmits to the hearing protection instrument.



Full and Half Shell

If you have an instrument with an M-T-O switch, set it to "T" for Private Ear™ option. For units equipped with an "Active Telecoil", instrument will respond automatically.

If your Full Shell or Half Shell is equipped with the Private Ear™ option be sure to activate it by gently toggling the switch upward.

The Private Ear™ is also available in a stand-alone non-custom Micro unit and features receive-only ability.



Micro Private Ear™

MULTI-MEMORY BUTTON (IF SO EQUIPPED)

Your hearing protection may be equipped with a multi-memory button. The multi-memory button allows you to select from the different memory settings



Full and Half Shell



Quick Fit™ and SHS™

that your hearing professional has programmed for you. Your hearing professional will advise you on when to use each memory setting.

If the hearing protection is turned off or the battery is removed the protection will default to Memory Setting 1.

Memory Setting	Listening Environment
1	
2	
3	
4	

MUSIC MONITOR OPTION

The Audio Input option gives users the ability to use their electronic earpiece as a music monitor. This feature is completely independent from the electronic enhancement aspect of the earpiece and will not rely on a battery to power it.

The 4 foot audio cord is detachable and has a standard 3.5mm stereo jack that will fit all stereo devices.



SELECT-A-VENT SYSTEM

Select-a-Vent technology is ideal for users who also participate in non-impact situations such as archery, bird watching and general communications. This feature will reduce the overall occlusion effect of a completely solid earplug and allow the ear canal to breathe.

For those who select this option and still wish to have the option of using their electronic earpieces within high impact noise areas, the vent hole can be closed with supplied plugs. This will create a solid earpiece again and protect from high noise activities.



CARE AND STORAGE

When storing your hearing protection, remove the battery. Store your hearing protection and battery separately in the supplied storage case.

Carefully brush your hearing protection with the supplied brush tool located in your storage case. Do not push any earwax or other debris into the openings of the hearing protection. After brushing your hearing protection, wipe it thoroughly with a soft cloth.

The wax door (custom units only) collects wax and is located on the back side of the unit. Swing the door to open and close. Holding the unit with the wax door pointing downward, gently brush the door free of wax.



If you use an SHS, clean the earmold by wiping it with a soft, moist cloth. Inspect the plastic tubing frequently. Have your hearing professional replace cracked, hardened, or clogged tubing.

DO NOT wear your hearing protection while showering or bathing, or otherwise allow any liquid to enter the protection.

DO NOT drop your hearing protection.

DO NOT apply perfumes, colognes, or hair spray while wearing your hearing protection.

DO NOT expose your hearing protection to excessive heat, such as ovens, heat lamps, hair dryers, etc.



KEEP BATTERIES OUT OF THE REACH OF CHILDREN. If ingested, immediately contact a physician or the **National Button Battery Ingestion Hotline** at **(202) 625-3333**.

TROUBLESHOOTING GUIDE

Please contact your hearing professional for further assistance if these suggestions do not resolve the problem.

PROBLEM	POSSIBLE CAUSE	RESOLUTION
Dead	Dead Battery Not Turned On Receiver Tube Blocked	Replace Battery Turn the Volume Control to the "On" Position Contact Your Hearing Professional
Weak	Low Battery Receiver Tube Blocked	Replace Battery Contact Your Hearing Professional
Distorted	Low Battery Defective Instrument	Replace Battery Contact Your Hearing Professional
Intermittent	Low Battery Defective Instrument	Replace Battery Contact Your Hearing Professional

REPAIR AND SERVICE

Should your hearing protection instrument fail, refer to the Troubleshooting Guide, above, for possible solutions. If a solution is not reached, please contact your hearing protection provider for further assistance.

LIMITED WARRANTY

Your new E.A.R., Inc. hearing protection is warranted against defects in materials and workmanship for a period of 24 months from date of manufacturer's invoice. The MiniCanal™ series are warranted for 1 year (U.S.) or 2 year (Europe). During the warranty period, we will repair the hearing protection should it prove to be defective in materials or workmanship. If the hearing protection cannot be repaired, it will be replaced with a comparable hearing protection that is new or refurbished. The warranty period is not extended if we repair or replace a warranted hearing protection.

This warranty does not cover accessories, including earmolds, tubing, cords, and batteries. Appearance changes due to normal wear and tear are not considered defects.

Damage due to accidents, abuse, misuse, or neglect are excluded from this warranty. Tampering and attempted repairs by unauthorized personnel voids warranty coverage. Instruments with missing or altered serial numbers are excluded from this warranty. This warranty does not include a promise of specific hearing improvement.

This warranty is exclusive, and is in lieu of all other warranties, express or implied, including but not limited to, the implied warranties of merchantability or fitness for a particular purpose.

We do not accept liability beyond the remedies provided for in this limited warranty or for consequential or incidental damages.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In case of loss, the instrument will be replaced. A deductible will apply.