



**USER GUIDE: Electronic
Hearing Protection and
Amplification**

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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, and on the shell of MiniCanal™ models. The serial number for Behind-The-Ear (BTE) units can be found inside the battery door or imprinted on the shell.



MiniCanal™

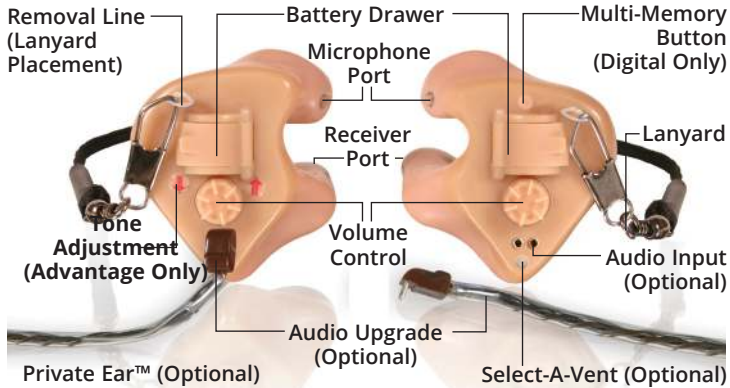
Full Shell, Half Shell, and CIC (Completely in Canal) models are marked with a red dot on the back of the instrument to indicate that the unit is intended for the right ear and a blue dot to indicate the left ear.



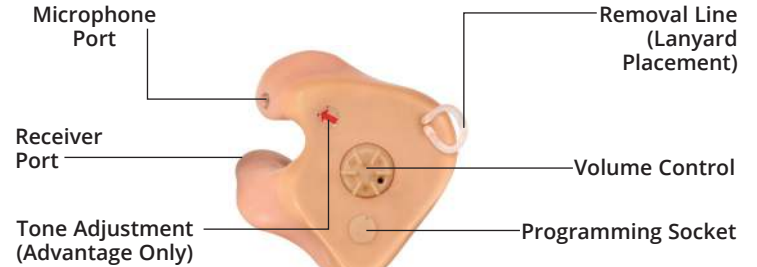
BTE

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

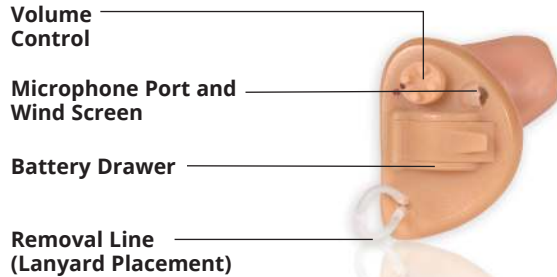
FEATURES: FULL SHELL



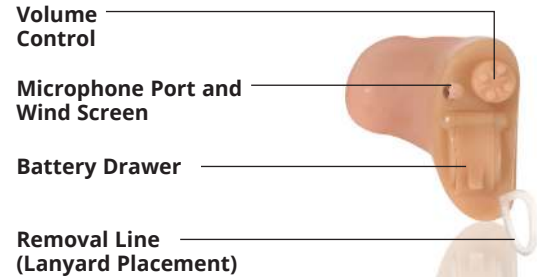
FEATURES: RECHARGEABLE



FEATURES: HALF SHELL



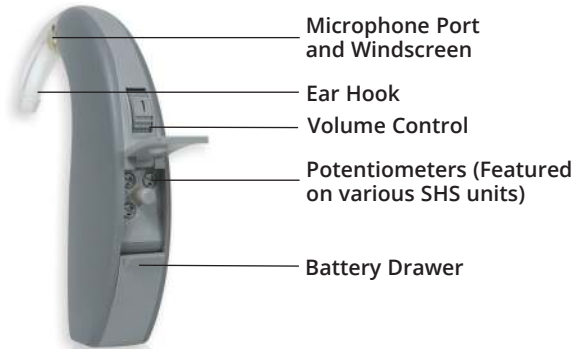
FEATURES: CIC (COMPLETELY IN CANAL)



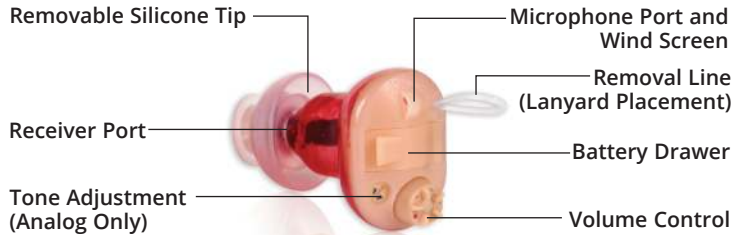
Your hearing protection may have different combinations of these features.

Your hearing protection may have different combinations of these features.

FEATURES: BTE (BEHIND-THE-EAR)



FEATURES: MINICANAL™



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.

Many things contribute to hearing loss, including natural aging, diseases and lack of protection from 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

Your hearing protection uses either a size 13, 10A, or 312 battery. Your hearing professional will advise you on which battery to use.

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.**



BATTERY 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.

VOLUME CONTROLS

Volume Control

Allows you to adjust the amount of amplification provided by the instrument.

For Full Shells, Half Shells and 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.

Powering 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.



MiniCanal™



Full Shell, Half Shell



SHS

MINICANAL™

Application/Removal of silicone tip

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



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

Inserting/Removing your MiniCanal™

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.



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



DO NOT USE THE BATTERY DRAWER AS A HOLDING POINT TO REMOVE YOUR MINICANAL™. DAMAGE MAY OCCUR.

RECHARGEABLE

How to Charge

Plug the charge box power cord into an electrical outlet. NOTE: Make sure the hearing protection units are turned off before charging. Turn the charger power switch on and a red light will appear on the switch. Place the units face down and level in the charging cups. A red light will also glow inside the units to let you know they are charging.



Prior to initial use, the hearing instruments should be charged for 12 hours to receive maximum rechargeable cell life.

After the initial charge cycle, we recommend 8 hours of daily recharging time for up to 16 hours use. A routine of daily recharging (8 hours) should provide maximum cell life.

Charge for at least 8 hours, but no more than 24 hours. After charging, your units will last about 16 hours.

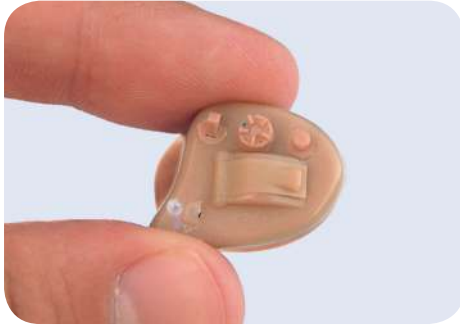
Recharging the unit for more than 72 continuous hours may damage the recharging system.

Make sure you turn your charger switch to the off position when you are not charging your units.

HALF SHELL MODELS

Inserting your Half Shell

To insert your Half Shell, hold it between your thumb and index finger. The volume control should be at the top.



Gently guide the Half Shell 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

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

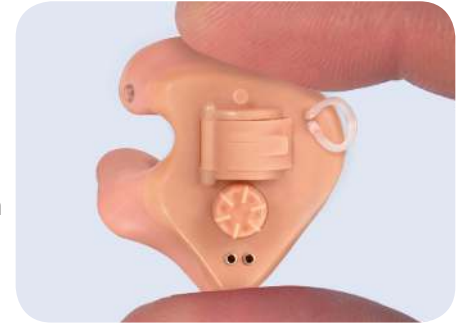


DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR HALF SHELL. DAMAGE MAY OCCUR.

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 it 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 it 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.

BEHIND-THE-EAR (BTE) MODELS

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.



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.

Volume control adjustment

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

To decrease, turn downward to a lower number.



BEHIND-THE-EAR (BTE) MODELS

How to Wear Your BTE

To insert your custom earmold or foam tip (shown here), hold it between your thumb and index finger.



Slowly insert the custom earmold or foam tip into your ear canal. Gently twist until it is securely and comfortably seated in your ear. To achieve the highest level of protection the instrument must be properly inserted.



Place the hearing protector behind your ear.



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

M-T-O switch

Some BTEs are equipped with an M-T-O switch. For normal listening situations, set the switch to the "M" or Microphone position. When using the Private Ear™ option, set the switch to the "T". To turn the BTE off, set the switch to the "O" or off position. Some models feature a Multi-Memory button to perform these functions.



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.



Full and Half Shell

The Private Ear™ option is available on Full Shell, Half Shell, and BTE 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.

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

If you have an instrument with an M-T-O switch, set it to “T” for Private Ear™ option.



BTE

For units equipped with an “Active Telecoil”, the instrument will respond automatically.

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

Your hearing protection may be equipped with a multi-memory button which allows you to select from the different memory settings that your hearing professional has programmed for you and will advise you the on use of.



Full/Half Shell

If the instrument is turned off or the battery is removed the setting will default to Memory Setting 1.

Memory Settings/Listening Environments

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 detachable 4-foot audio cord 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 against high noise levels.



CARE AND STORAGE

If you are not planning to use your hearing protection for an extended period of time, remove the battery and 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.

If you use a BTE, 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 instrument.

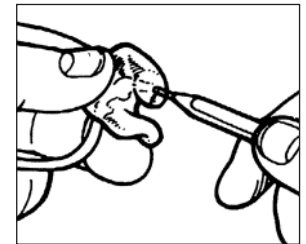
DO NOT drop your hearing protection.

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.

USE OF THE “WAX LOOP”

This device is designed for trouble-free removal of wax from the ear canal portion of your earmold and vent. Insert the loop, at a slight angle, just into the opening of the canal to gently lift wax out. If your earmold has a vent hole located along the sound channel, this opening should also be cleaned with the Wax Loop.



For custom instruments, open the swing door sideways to clean under the door and the surface of the opening. There is a wax spring basket in the opening which can be removed, cleaned, and reinserted. Brush away any wax, dirt, etc. from the surface of plug with the brush end of the wax loop.

PERSONAL SOUND AMPLIFICATION PRODUCTS (PSAPs)

Personal Sound Amplification Products are useful for people who are not hearing impaired, but could benefit from occasional sound amplification at home, at work, for movies and TV, etc. They do not require custom ear impressions.

PSAPs Plus Hearing Protection amplify quiet sounds while reducing harmful loud sounds like gunshots for hunters and shooters, in noisy workplaces, and sports such as motorcycling and racing.

Volume Control. MiniCanals Combos and Hydros:

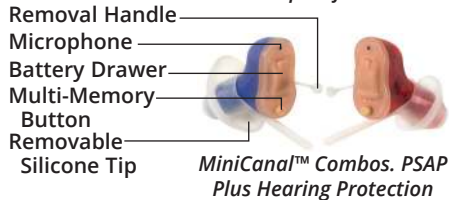
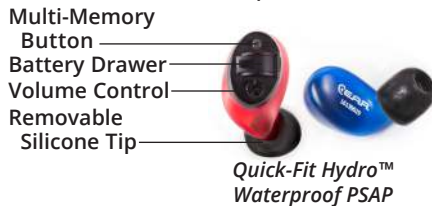
To increase amplification, turn the Volume Control (VC) toward your face; to decrease amplification, turn the VC toward the back of your head.

Open-Fit PSAPs:

Press the VC Button at the top to increase volume, at the bottom to decrease.

Installing the battery

See page 8.



UNIVERSAL-FIT OVER-THE-COUNTER (OTC) HEARING AMPLIFIERS

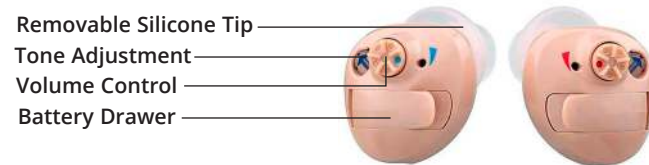
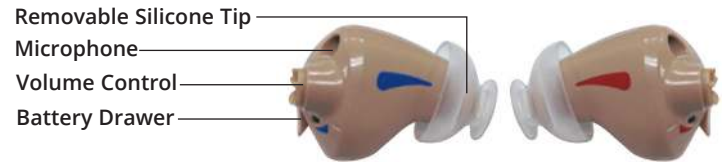
Recent legislation now allows the sale of Over-The-Counter (OTC) Hearing Amplifiers for adults with mild to moderate hearing loss, with or without the assistance of a hearing healthcare professional. Over-The-Counter Hearing Amplifiers cost considerably less than traditional clinical hearing aids. And, since they do not require custom ear impressions, they are easier to acquire.

Volume control adjustment

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.

Installing the battery

See page 8.



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	Replace Battery Turn the Volume Control to the "On" Position
	Receiver Tube Blocked	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. hearing protection/amplification unit(s) are warranted against defects in materials and workmanship from the date of manufacturer's invoice. All non-programmable units carry a 24-month warranty. All programmable units carry a 36-month warranty. The MiniCanal™ series are warranted for 1 year (U.S.) or 2 years (Europe). PSAPs and OTC Hearing Amplification units come with a 1-year limited warranty and 30-day return.

During the warranty period, we will repair the instrument should it prove to be defective in materials or workmanship. If the instrument cannot be repaired, it will be replaced with a comparable instrument that is new or refurbished. The warranty period is not extended if we repair or replace a warranted instrument.

This warranty does not cover accessories, including ear molds, 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.