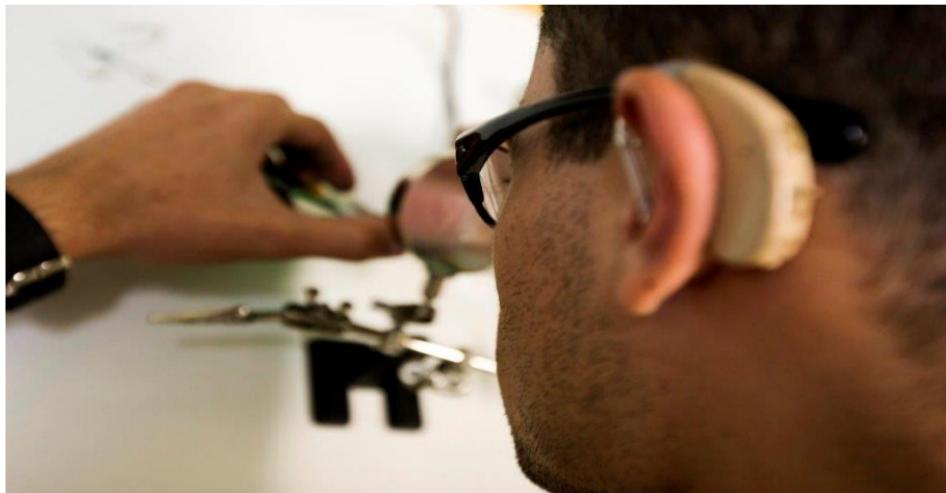




Canada, Botswana, Brazil, China, Egypt, Russia

**HD-45, HD-48, HD-424, Vivo
HDP- Open Fit & HDP, ASANA**

**Trimmer
Programmable**



**User Manual HD-45, HD-48, HD-424, Vivo
HDP- Open Fit & HDP, ASANA** trimmer
programmable

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Your hearing instrument

Hearing Healthcare Professional: _____

Model: LEFT _____ RIGHT _____

Serial No.: LEFT _____ RIGHT _____

Battery:

LEFT A13 A675

RIGHT A13 A675

Warranty: _____

Low battery warning: YES NO

Hearing program:

Program 1 _____

Program 2 _____

Program 3 _____

Program 4 _____

Preface

Congratulations! Welcome to Solar Ear's "Behind-The-Ear" hearing instrument. Please read this manual carefully before use.

Intended use

Hearing instrument is a kind of electronic device which amplifies sound from your surroundings. It is used to help hearing impaired people recover hearing ability by compensating for the hearing loss. Your BTE is only one type of hearing instruments.

Precautions

For patients with middle ear infection, it's suggested not to wear hearing instrument until cured or follow the doctor's advice.

Please consult your hearing healthcare professional first if you have any questions about your hearing or your hearing instrument.

THE MANUFACTURER RESERVES THE RIGHT TO MODIFY THE
TECHNICAL SPECIFICATIONS OF THIS PRODUCT WITHOUT ANY
PRIOR NOTICE.

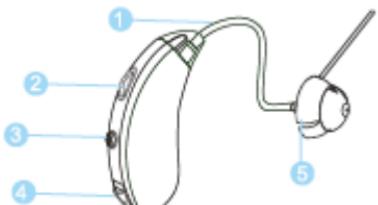
Features **HD-45, HD-48, HD-424, Vivo
HDP- Open Fit & HDP, ASANA** **trimmer
programmable**

The earhook should be connected with an earmold (eartip) that fits comfortably in your ear canal.



VIVO / VIVO Pro

1. Earhook
2. Volume Control
3. N-H-O / N-H-T Switch
4. Battery door

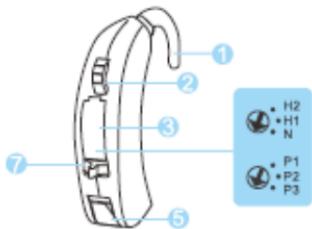


ASANA



ASANA Pro

- 1.Sound tube 2. Volume Control 3. Memory Switch 4.Battery door
 5. Dome 6. Programming socket cover 7. Ear hook



VAN 109/209



VAN



VAN Pro



VAN Plus

- 1.Earhook 2. Volume Control 3. Trimmer/ Programming socket cover 4. Memory Switch 5. Battery door 6. Outlet microphone port 7. M-T-O switch

NOTE:

This socket is used to connect your BTE with a programmer. This is only for use by your hearing healthcare professional only!

Preparation

When placing the battery into your instrument, put the battery with the positive (+) side (or totally flat side) up and insert it into the battery door. If the battery is inserted incorrectly, the door will not close. Do not force the door closed.

CAUTION: Batteries are dangerous if swallowed! Keep batteries away from children and pets. Never put batteries in your mouth for any reason they are easily swallowed. In case a battery has been swallowed, seek immediate medical attention.

TO TURN ON- Gently open the battery door, insert battery and close the door. Then the instrument would be equipped with a power on delay, you will be given several seconds to seat the device comfortably before it turns on.

TO TURN OFF- Simply open the battery door completely.
Store it in a safe & dry place.

How to wear your hearing instrument

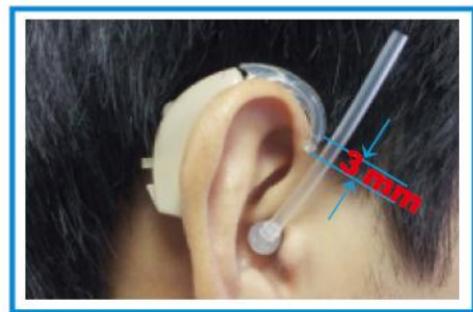
How to deal with earhook

Attach your hearing instrument parts

1. Choose the suitable earmold (or eartip), and then fit with the adaptor and sound tube.

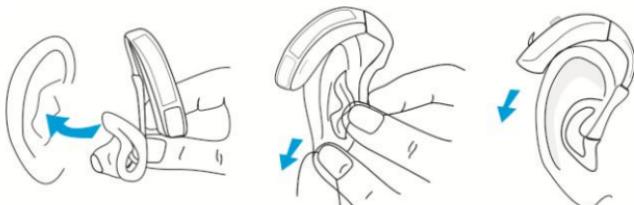


2. Cut off the needless part of the sound tube showed below to achieve the best hearing experience. And then connect sound tube with earhook.



Insert the earmold (or eartip) into your ear canal first, and then place the hearing instrument behind your ear.

Put on your hearing instrument



- Step 1: Hold the earmold by the outer side near the tubing with your thumb and forefinger. Insert the canal tip of the earmold into your ear canal gently. Then softly press the earmold into place with your fingertip.
- Step 2: Carefully place the BTE behind your ear with the ear hook and earmold tubing wrapped over the top.

Note:

Before placing the BTE earmold (or eartip) into your ear canal, insure the battery is inserted properly and the battery door is closed securely. If your BTE has an M-O (M-T-O)switch, ensure it is set to “O” (off) or the volume control is turned off before inserting the earmold(or eartip).

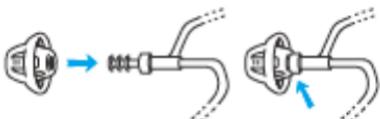
How to deal with sound tube

Attach your hearing instrument parts

Your hearing instrument consists of three basis parts: the hearing instrument case, the sound tube, and the dome.

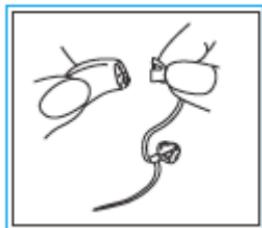
Attach the dome

Push the dome over the grooves on the tube to mount it.



Attach the sound tube

Hold the end of the sound tube in one hand and the hearing instrument in the other. Line up the sound tube on top and twist onto the adaptor that sticks out of the hearing instrument case.

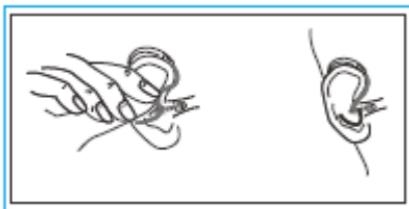


Put on your hearing instrument

Step 1. Hold the sound tube on the outside near the tubing with your thumb and forefinger. Gently insert the dome or mold into your ear canal to the most comfortable place .

Step 3. Place the hearing instrument over the top of your ear.

Step 2. Position the retention lock into the indentation above your ear lobe using your index finger.



M-O(M-T-O) Switch|N-H-O/N-H-T Switch

M-O (M-T-O) switch:

Position “M” : The instrument is switched on, on Microphone mode.

Position “O” : The instrument is switched off.

Position “T” : Telecoil function for helping hear on telephone.

N-H-O /N-H-Tswitch:

Position “O” : The instrument is switched off.

Position “N” : The instrument is switched on, on Normal mode.

Position “H” : Background noise reduction function.

Position “T” :The instrument is on Telecoil mode.

Trimmers

The amount of trimmers on your instrument may be different from the following listed. Please adjust them according to the trimmer types on your instrument.

H Trimmer:

Used to eliminate feedback.

Turn clockwise for maximum High-frequency sound, minimum feedback reduction.



L Trimmer:

Used to eliminate noise.

Turn clockwise for maximum Low-frequency sound, minimum noise reduction.



P Trimmer:

Controls the maximum output sound level.

Turn clockwise for maximum sound amplification.



Volume control

To adjust the volume, rotate the volume control by your fingertip up and down. The numbers indicates an orientation for the current volume setting. 1 is the lowest volume.

To increase the volume, turn the volume control up. To decrease the volume, turn the volume control down.



Memory switch

Note: This function is available for digital hearing aids only.

Your hearing instrument can be programmed with up to 3 different listening programs.

When the hearing instrument is turned on, it will automatically be in program 1-microphone mode.

The additional settings which are pre-programmed for your specific needs are accessed by the memory switch. Each time you press the memory switch, the hearing instrument will move to the next program. The sequence is 1, 2, 3, 1...

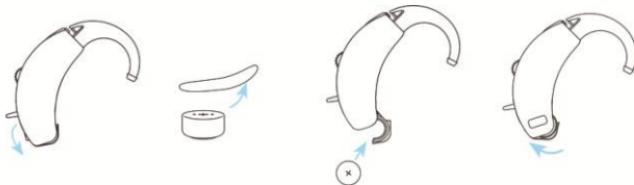
Your hearing instrument will alert you to help you identify which program you are using. When you select program 1 you will hear one beep, program 2 will emit two beeps, 3 beeps for program 3.

Please note that the programs are pre-set by your hearing healthcare professional or manufacturer.



Replacing the battery

1. Switch off the hearing instrument.
2. Open the battery door and remove the old battery.
3. Remove the protective foil from the new battery.
4. Insert the new battery, be sure that the plus (+) is facing up.
5. Close the battery door.



Important: Handle the battery door gently. The operation requires only a minimum force. If there is any resistance when closing the battery door, ensure that the battery is correctly inserted. The battery door cannot be closed if the battery is inserted incorrectly.

Low battery warning

When you hear one short beep, it means that the battery is low. You will hear the warning intermittently until you replace the battery.

After the first warning, you may experience some reduction in sound quality. This is normal and can be remedied by inserting a fresh battery in the hearing instrument.

Always remove the battery if your instrument is not in use for long periods of time.

Caring for batteries

The performance of the hearing instrument depends largely on the quality of the battery.

1) To get the full benefit of your hearing instrument, it is necessary and important to use high-quality batteries. The lifetime of a battery depends on the quality. With a reliable battery, you can avoid periodic hearing instrument failures.

2) It is also important that air does not enter the battery before use. Therefore, each battery is provided with an adhesive label that ensures that the batteries are sealed and fresh until use.

3) Never let an exhausted battery remain in the hearing instrument. It may leak and cause damage to the hearing instrument.

Troubleshooting

SYMPTOM	POSSIBLE CAUSES	SOLUTIONS
No sound	Dead or low battery	Replace battery
	Battery improperly inserted	Insert battery correctly
	Wax or debris in the microphone or receiver	Clean both microphone and receiver with brush. Remove and clean the dome
Not enough loud	Low battery	Replace battery
	Excessive ear wax	Consult your physician
	Wax or debris in the microphone or receiver	Clean both microphone and receiver with brush. Remove and clean the dome
	Hearing change	Contact your hearing care professional
Whistling, feedback	Loose insertion of hearing instrument	Remove and reinsert
	Excessive ear wax	Consult your physician
	Dome of improper size	Change domes of proper size
Not clear or distorted sound	Low battery	Replace battery
	Hearing instrument damaged	Contact your hearing care professional
	Hearing instrument settings not optimal	Contact your hearing care professional

Cleaning

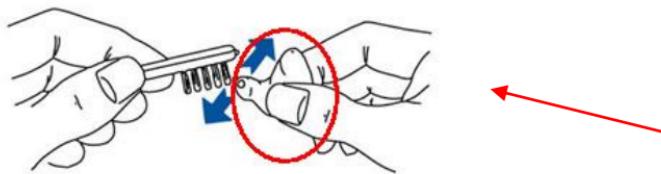
Cerumen will accumulate on it while using your hearing instrument during use. It will damage the instrument if the cerumen enters it.

The instrument has a protection system, the WaxStop. Clean the instrument and replace the WaxStop regularly. Failure to do so can lead to an accumulation of cerumen which will impair sound quality.

Cleaning is easier when accumulated cerumen is dry; e.g., in the morning, before you insert the instrument into your ear.

Cleaning the instrument

- Clean your instrument with a soft, dry cloth and the small brush. Do the cleaning on the soft table to avoid damage or scratch if the instrument fell.
- Do not use water or other fluids.



Working condition

Temperature should not exceed limits of -20° /60° Celsius at a relative air humidity of 65% for extended periods during transportation and storage.

Technical Data Standard

Maximum Output IEC-118-7/2005(2cc-coupler)



Manufacturer

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Newsound

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Note: detailed technical data for each model can be found in the appendix.

NOTE: Detailed technical data for each model can be find in appendix.

FDA information

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 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.

