

KleerSound

4 Channel Full Digital Premium Hearing Aid

User Manual



2017 Kleersound LLC. All Rights Reserved

Introduction

The Kleersound HI-40i is a premium Hearing Aid that automatically boosts the sound volume so that a person with hearing loss can listen, communicate, and participate more fully in daily activities. A Hearing Aid can help people hear better in both quiet and noisy situations.

A Hearing Aid has three basic parts: a microphone, an amp, and a speaker. The Hearing Aid receives sound through the microphone, which converts the sound waves into electrical signals and sends them to the Hearing Aid. The Hearing Aid increases the power of the signals and then sends them to the ear through the speaker.

The circuitry in the Kleersound HI-40i series incorporates the best components available using modern FPCB(Flexible Printed Circuit Board) with SMD(Surface Mount Device) technology to ensure product reliability and sound quality without electrical interference.

Kleersound devices provide the highest fidelity sound amplification available at any cost. The unique design and construction of Kleersound devices provide superior sound quality.

Kleersound Premium Hearing Aids are primarily useful in improving the hearing and speech comprehension of people who have mild to moderate hearing loss. They are not intended to treat or cure hearing impairment diagnosed by a medical professional.

Inside the Box



Package box,
Carrying case



HI40i



Battery



Eartip

*Small eartip is preinstalled



Brush Tool



Cleaning Cloth

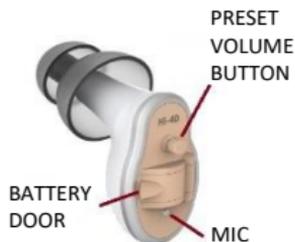


Quick Start Guide



User Manual

Device Description



SIZE
0.76 x 0.8 x 0.46(in)
WEIGHT
0.03 oz (no battery)

Before Use

- Consult your doctor during and after use if you are experiencing ear-related illnesses or symptoms.
- The Kleersound Hearing Aids are designed for customers with mild to moderate hearing loss, not for customers who are severely hearing impaired.
- Remove earwax from the ear canal before use.
- Ensure that hands are dry and clean when handling the product.
- Remove any earwax or moisture from the eartip with the provided cleaning brush and pick. It is essential to clean the eartip daily in order to maintain optimal performance.
- **Remove the Hearing Aid and place it in the DEHUMIDIFIER with the battery door OPEN before sleeping. Make sure the LID of the DEHUMIDIFIER is firmly CLOSED.**
- Always remove the device before bathing, washing your face, swimming, or shaving. Do not allow the Hearing Aid to come into contact with water.
- Do not wear your Hearing Aid while applying hair spray, spray paint, or any other sticky sprays. This may clog the microphone and lead to malfunction.
- Do not wear your Hearing Aid when you are in noisy areas or when using a lawnmower, power tool, chainsaw, tractor or a any gun.
- When in noisy environments, remove the Hearing Aid and wear hearing protection such as earplugs/ear muffs.

Please note ; The manufacturer is not responsible for any damage caused by failure to follow the guidelines in the manual.

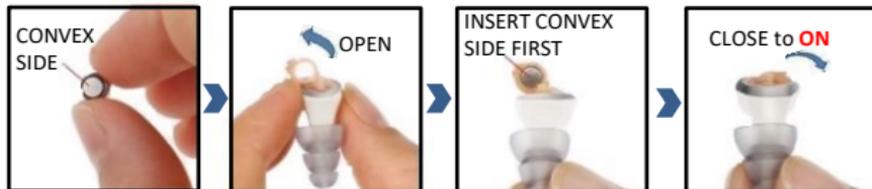
Battery

- The HI40i battery is ZINC air-based 10A with DC 1.4V.
- Do not remove the tab() on the batteries until you are ready to use the device.
- The battery is the power source for your Hearing Aid. It requires replacement every one to two weeks depending on usage.
- Keep batteries out of reach of children and pets.
- Do NOT put batteries in your ears, nose, or mouth.
- Dispose of used batteries safely at a battery-recycling collection center.
- Contact your physician immediately if the battery is swallowed.
- Store batteries in a cool/dry place.
- Do NOT store batteries in a refrigerator.
- **When your Hearing Aid is not in use, leave door of the battery compartment OPEN. This will extend battery life and allow the Hearing Aid to dry.**
- Do NOT carry batteries loosely with other metallic objects like change, keys, etc.
- Batteries may explode if exposed to an open flame.



Battery Insertion

- Open battery compartment door to 90 degrees only. More than 90 degrees may damage the door.
- Hold yellow tap of the battery and insert the **convex side - negative (-)** first so that the yellow tab (**positive + ...**) is up.
- When the Battery is securely inserted, carefully remove the yellow tab from the battery.
- Wait 2 seconds and close the battery door firmly.
- **If the battery is inserted with the wrong polarity, the door will not close.** Do not try to close it by force; the battery door may break.
- When the battery is properly placed, gently hold the Hearing Aid. You will hear a whistling sound (feedback) which indicates that the Hearing Aid is ready for use.
- When replacing the battery, remove the discharged (used) battery using the magnet located on the end of the cleaning brush.



Selecting The Eartip

- Remember, no two ears are exactly alike.
- The eartip that is the most comfortable is the best choice. However, it must seal well to prevent the feedback sound (whistling).
- Select the right size eartip for your ear.
- The package comes with 2 eartip sizes, regular (clear: preinstalled) and large (gray color).
- When changing the eartip, make sure it fits securely on the stem of the device with the 2 ends firmly matched.
- When you wear the Hearing Aid, you should feel comfortable and not hear continuous whistling sounds which indicate feedback.
 - If you hear a whistling sound even when the Hearing Aid is properly inserted, the eartip may be too small. Switch to the larger eartip.
 - If you feel uncomfortable and the Hearing Aid did not fully insert into the canal, switch to the smaller eartip.
- Eartips are reusable with regular cleaning .



Regular size
Clear color

*Preinstalled with device



Large size
Solid gray color

Insertion & Removal

- Hold unit as shown in picture A
- Firmly insert unit to the ear canal as shown in picture B
- Turn the Hearing Aid 90 degrees as shown in picture C

Please ensure that the Hearing Aid sits securely and comfortably in the canal.



Importance of a Deep Seal

- A deep eartip seal will ensure the best performance of the device and prevents an occlusion effect* (hollow voice).
- A deeply-seated eartip in the canal reduces the occlusion effect.

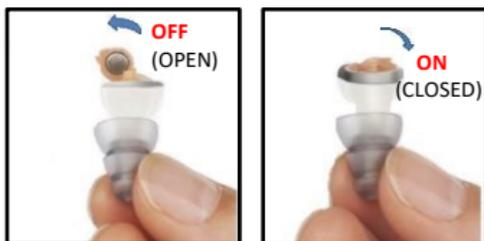
*The **occlusion effect** occurs when an object fills the outer portion of a person's ear canal, and that person perceives "hollow" or "booming" echo-like sounds of their own voice. It is caused by bone-conducted sound vibrations reverberating off the object filling the ear canal. When talking or chewing, these vibrations normally escape through an open ear canal; most people are unaware of their existence. When the ear canal is blocked, the vibrations are reflected back toward the eardrum. Compared to a completely open ear canal, the occlusion effect can boost low frequency (usually below 500 Hz) sound pressure in the ear canal by 20dB or more.

This effect is often experienced by Hearing aid users who only have a mild to moderate high-frequency Hearing loss, but use Hearing aids which block the entire ear canal.

Operation

Turn ON and OFF

- **The battery compartment door acts as an ON/OFF switch.** It will turn **ON** when the battery door is firmly closed and turn **OFF** when the door is open.



- Whistling (feedback) from the Hearing Aid can be heard as you insert it in your ear.
- The whistling sound is completely normal and will stop when the device is properly inserted.

Preset Volume Adjustment

Preset
Volume
Button



- The Premium Hearing Aid comes with four volume presets that can be controlled by a button near the battery door.
- Adjust between the presets depending on the noise level of your surroundings.
- While wearing the Hearing Aid, gently press (touch) and release the button to switch from presets 1 to 4.

Preset	Indicate beep sound	Memory	Typical Use
1	One BEEP	STD Gain	Home
2	BEEP twice	STD + 4dB	Restaurant, lecture, church
3	BEEP three times	STD + 6dB	Restaurant, lecture, church
4	BEEP four Times	STD+6dB+Noise Reduction	Noise Reduction Function enabled

Using the Telephone

It is not necessary to remove the Kleersound HI-40i Premium Hearing Aid when you are using a telephone. As long as the whistling sounds do not occur, the Hearing Aid can remain in the ear during a call.

After Use Care

✓ **VERY IMPORTANT!!!**

Before sleeping at night, clean your Hearing Aid RECEIVER HOLE for earwax with the BRUSH.

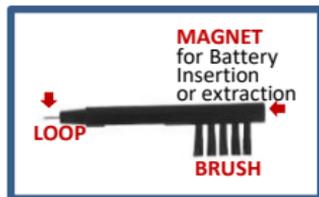


- When you use the LOOP of the tool for wax removal, do not insert the LOOP too deeply in the hole or it may damage the RECEIVER.



When the receiver hole is clogged with earwax, the Hearing Aid sound will be decreased and may stop working.

- Spring/Coil Wax Guard System—Do not put the wax loop or anything else inside the Hearing Aid.
- When you are not using your Hearing Aid—Store it in the DEHUMIDIFIER with the battery compartment **OPEN**.
- Do not store your Hearing Aid in your pocket. You may lose it.
- A wax-loop and wax-brush are provided to clean the RECEIVER hole and the EARTIP portion of your Hearing Aid. You should use these every day.
- Keep your Hearing Aid clean at all times.



Trouble Shooting

Symptom	Causes	Trouble Shooting
No sound	Battery is discharged	Replace battery
	Battery is not properly installed.	Check the polarity of battery and insert again
	Receiver clogged with ear wax or material	Gently clean receiver with Brush and Loop tool
	Microphone hole is clogged	Clean microphone with brush tool
Whistling sound from Device in the ear	Device didn't seated securely in the ear	Insert Device securely in the ear
	Eartip is too small or big	Change right sized eartip to your ear canal
Device works but not continuously	Low battery	Replace battery
	Moisture in the Device	Stop Using. Open battery door. Let it dry. After completely dry, clean with brush tool

* If problem persist, please contact Customer support at support@kleersound.com

Features

❑ **4 Channel Wide Range Full Digital Compression Processing**

It is a 100% Digital Hearing Aid that adopted the WDRC Compression method which controls both gain and maximum output within the dynamic range when controlling the volume.

❑ **Automatic Noise Reduction**

The precise 128 band based automatic Noise Reduction function controls noise in real time, which improves sound distinguishing ability in noisy environments.

❑ **Automatic Feedback Removal**

After the Device is put on, a function to clear “feedback” sound automatically runs in real time.

❑ **Squelch Function**

Provides comfortable Hearing environment by reducing even small noises from far away for users who are sensitive to small noise.

❑ **Low Battery Alarm**

Alerts users of low battery condition to avoid discomfort of sudden loss of amplification.

❑ **4 Preset Memory button**

Allows selection of 4 different volume settings including a Noise Reduction function to maintain the most comfortable hearing level in various sound environments.

Caution

- Store your Hearing Aid in a cool, dry place.
- Keep your Hearing Aid away from children and animals.
- Dogs and cats could eat or destroy your Hearing Aid.
- Do not use water or cleaning solutions on the Hearing Aid.
- Wear a hat or umbrella if it is raining or snowing.
- If your Hearing Aid becomes wet and stops working:
 - Remove the battery and dispose safely at a re-cycling collection center.
 - Place your Hearing Aid in the storage case and let it dry overnight.
 - Do not install a new battery for at least 8 hours.
 - Do not expose your Hearing Aid to extreme temperatures.
 - Do not use a hair dryer on your Hearing Aid.
- Do not store the Hearing Aid in direct sunlight, in a glove compartment, on a stove, or on a radiator.
- Your Hearing Aid may make "popping" noises and then stop working in extremely cold weather. This occurs when the battery becomes too cold. Your Hearing Aid should begin working again once you return indoors and it "warms up."
- On hot/humid days, your Hearing Aid may stop working if sweat plugs the canal.
- Protect your Hearing Aid from harsh substances.

Warranty

- Kleersound Premium Hearing Aids are protected by a limited 1-year repair or replacement warranty against defects in materials and workmanship.
- The warranty period begins on the date of the original purchase.
- The warranty does not cover malfunction related to misuse or abuse of the device.
- If you are not satisfied with this product, email a request to support@kleersound.com for a Return Merchandise Authorization(RMA).
- If you wish a refund, return the device in good working condition in the original packaging with proof of purchasing within 30 days of purchase.

Send Product to ;
KleerSound LLC
2 University Plaza, #100
Hackensack, NJ 07601

Model	Serial number	Date of Purchase
<input type="checkbox"/> HI40i		
<input type="checkbox"/> HI80i		. . 2017



US Seller ;

KleerSound LLC

2 University Plaza, #100

Hackensack, NJ 07601

support@kleersound.com



Manufacturer



Sorian Inc.

2F, 108, Dalseong-ro,
Jung-gu, Daegu, Korea 41920

www.sorian.co.kr

TEL)+82-1588-9221



US Distributor

KleerSound LLC

2 University Plaza, #100

Hackensack, NJ 07601

support@kleersound.com