Soundbright User Manual Soundbright Discovery OTC Hearing Aids





Soundbright.com



WARNING: If you are younger than 18, do not use this device.

Over-the-counter (OTC) hearing aids are intended for users who are 18 years or older. If you are under 18 and have hearing loss, it is important to see a doctor, preferably an ear-nose-throat specialist (ENT), for necessary medical testing and management. Hearing loss can impact speech and learning, so professional fitting and ongoing care are crucial.

WARNING: When to See a Doctor.

If you have any of the following problems, please see a doctor, preferably an ear-nose-throat specialist (ENT):

- Your ear has a birth defect or an unusual shape.
- Your ear was injured or deformed in an accident.
- You have seen blood, pus, or fluid coming out of your ear in the past 6 months.
- Your ear feels painful or uncomfortable.
- You have a lot of earwax or believe something might be in your ear.
- You frequently feel very dizzy or experience a sensation of spinning or swaying (vertigo).
- Your hearing changed suddenly over the past 6 months.
- Your hearing fluctuates, worsening and then improving again.
- Your hearing is worse in one ear.
- You hear ringing or buzzing in only one ear.



WARNING: This hearing aid should not cause pain when inserted.

If you experience pain or discomfort while inserting or placing the device, remove it immediately. Follow the instructions carefully before attempting to reinsert. If pain or discomfort persists, contact the manufacturer. If the issue continues, consult your hearing healthcare professional. You can also report this to the FDA as an adverse event according to the instructions provided later in this manual.

PRECAUTIONS: These precautions highlight situations that could cause minor or moderate injuries to you or damage to the hearing aid.

- Thoroughly read and understand this entire user manual before using the hearing aid to ensure your safety and proper use. If you encounter unexpected issues or performance, contact the manufacturer for support.
- Do not attempt to modify the shape of the hearing aid or its receiver yourself.



- In some environments, excessive amplification can cause discomfort and damage to your hearing.
- Only use your hearing aid as directed by your physician or hearing healthcare provider.
- Do not use your hearing aid in explosive or oxygen-enriched areas.

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Warning

- Allergic reactions to hearing aids are rare, but if you experience itching, redness, soreness, inflammation, or a burning sensation in or around your ears, inform your hearing healthcare provider and contact your physician.
- You may notice increased earwax accumulation when using your hearing aid. This is normal, but see your hearing healthcare provider if it continues to be a problem.
- If any parts of the hearing aid remain in your ear canal after removal, contact a physician immediately and report the incident to your hearing healthcare provider as soon as possible.
- Remove your hearing aids for CT and MRI scans or other electromagnetic procedures.
- Keep your hearing aids and batteries out of reach of small children and pets. If batteries are swallowed or inhaled, contact the local poison control center immediately.
- If you feel pain in or behind your ear, or if it is inflamed, or if you experience skin irritation or increased earwax, consult your hearing healthcare provider or physician.
- Your hearing aids are customized for your hearing needs; do not share them with others.





Caution and Notices for Users

Caution: This is not hearing protection.

Remove this device if you experience overly loud sounds, whether short or long-lasting. If you're in a loud environment, use appropriate hearing protection instead of this device. Generally, if you would use ear domes in a noisy place, remove this device and use ear domes.

Caution: The sound output should not be uncomfortable or painful.

Turn down the volume or remove the device if the sound output is uncomfortably loud or painful. If you consistently need to lower the volume, your device may need further adjustment.

Caution: Seek medical help if a piece gets stuck in your ear.

If any part of your hearing aid, such as the ear domes, gets stuck in your ear and you can't easily remove it with your fingers, get medical help immediately. Do not use tweezers or cotton swabs, as they can push the part farther into your ear, potentially injuring your eardrum or ear canal.

Note: Consult a Professional if You Have Concerns

If you try this device and continue to struggle with your hearing or remain concerned, consult a hearing healthcare professional.

Note: What to Expect When You Start Using a Hearing Aid

A hearing aid can benefit many people with hearing loss. However, it will not restore normal hearing, and you may still have difficulty hearing in noisy environments. Additionally, a hearing aid will not prevent or improve any medical condition that causes hearing loss.

It may take a few weeks to get used to using a hearing aid. Many people also find that training or counseling helps them get the most out of their devices.

If you have hearing loss in both ears, you may benefit more from using hearing aids in both ears, especially in challenging listening situations, such as noisy environments.



Note: Report Injuries or Malfunctions to the FDA

If you encounter any issues with your hearing aid, it's important to promptly report them to the FDA. These issues, termed "adverse events," could include skin irritation, injuries such as cuts or scratches, burns from an overheated battery, parts of the device becoming stuck in your ear, or a sudden worsening of hearing loss while using the device.

To report an adverse event, submit information to the FDA as soon as possible. You can find detailed instructions for reporting at https://www.fda.gov/Safety/MedWatch (FDA's MedWatch website), or you can call 1-800-FDA-1088.

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Technical Specifications

Technical Specifications

MAX Output (OSPL90)	<117 dB
HF Average Output (OSPL90)	105±4 dB
Full-on Gain(FOG50)	NA
HFA Full-on Gain (FOG50)	37±4 dB
Equivalent Input Noise	≤32 dB
Frequency Range	F1<250 Hz F2>5000 Hz
Total Harmonic Distortion	≤3%
Current Drain	NA

	Hearing aid	Charging case
Charging Time	≤2.5H	≤2.5H
Endurance time	Hearing aid mode: ≥ 17H Bluetooth mode: ≥ 3H	Charge a pair of hearing aids about 2 times

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2 Product Introduction

Accessories Hearing Aid Overview



Accessories



Charging Cable





Cleaning Brush





Wax Guard



Ear Domes

Hearing Aid Overview



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Operating Instructions

How to Charge Your Hearing Aid and Charging Case Automatic ON/OFF Power ON and OFF Manually How to Insert Hearing Aid Multi-function Button Adjusting Volume Hearing Aid Mode How To Replace Ear Domes How To Replace Wax Guards

How to Charge Your Hearing Aid and Charging Case

Notice:

Before charging for the first time, **remove the green insulation sticker** from the charging contacts of the hearing aid.

Charging:

The charging case features a power storage function. To charge your hearing aids, simply place them into the charging case. Alternatively, you can connect your hearing aids and the charging case to a power source for charging.





Charging Case Battery Indicator Light (lights on center of device)

State Of Light	Charging Case Battery Level
$\dot{\nabla} \otimes \otimes \otimes$	0 - 25%
$\dot{\nabla}$ $\dot{\nabla}$ $\otimes \otimes$	26 - 50%
xợ: xợ: xợ: ⊗	51 - 75%
, , , , , , , , , , , , , ,	76 - 100%

Hearing Aid Charging Indicator Light

Charging State	State Of Light
Charging	The light is on
Charging completed	The light is off

Automatic ON/OFF

Power ON:

Remove one or both hearing aids from the charging case. They will automatically power on after emitting 5 beeps.

Power OFF:

Place the hearing aid(s) back into the charging case. It will automatically shut down.



Power ON and OFF Manually



When the charging case is not nearby and the hearing aid is powered on, you can turn it off by pressing and holding the multi-function button for 6 seconds. If there's no charging case and the hearing aid is powered off, you can turn it on by pressing the multi-function button for 3 seconds.

How to Insert Hearing Aid

Step 1: place the hearing aid body behind your ear.

Step 2: Bend the wire and guide the tip of the device into your ear canal.



Tip: You may need to use both hands to do this. Tip: Apply light pressure to the tip of the device with one finger to ensure a snug fit in your ear canal.

Multi-function Button

The multi-function buttons make it easy to control your hearing aids. With their intuitive functionality, they allow effortless adjustments to settings and management of your hearing experience.

Operating Mode	Function
Short press the button	Adjusting Volume
Long press the multi-function button for 2 seconds	Adjusting Mode
Long press the multi-function button for 3 seconds	Power ON
Long press the multi-function button for 6 seconds	Power OFF
Long press the multi-function button for 10 seconds	Reset Bluetooth Settings

Adjusting Volume

Click on the multifunctional button of the hearing aid to adjust the volume in a loop. When the volume reaches it's maximum, there will be two "beeps". Pressing the volume button again will cycle back to level 1.

Hearing Aid Mode

Hearing aids have three modes, long press the multifunction button for 2 seconds to switch the mode, and identify the mode according to different prompts.

Cue Tone	Mode	Application Environment
"Beep" sound	Quiet mode	Suitable for quieter indoors
"Beep" twice	Restaurant mode	Suitable for noisy indoor environments such as restaurants and shopping centers
"Beep" three times	Outdoor mode	Suitable for outdoor environments



How to Replace Ear Domes

It is recommended to use Soundbright ear domes for optimal hearing aid performance. Using third-party alternatives may result in feedback or irritation.

Step 1: Pinch the external receiver to remove the ear domes.

Step 2: Select ear domes that fit your ear canal and insert them into their original positions.



How to Replace Wax Guards

The wax guard filter, located in the speaker of the hearing aid, effectively prevents wax from entering and damaging the device. Replace the wax guard filter every 3 months and avoid reusing used filters.

Step 1: Pinch the external receiver to remove the ear domes.

Step 2: Insert the bottom end of the wax guard kit (without the new wax guards) into the speaker of the external receiver.

Step 3: Pull out the wax guard kit, it will remove the old wax guard along with it.

Step 4: Insert the section with the new wax guard into its original position, ensuring a tight installation, then remove and dispose of used wax guard kit.





4 Bluetooth and App Functions

"Soundbright" App Bluetooth Function Setup

"Soundbright " App

Download the "Soundbright" App

- Android users: Scan the QR code or download "Soundbright" from Google Play.
- Apple iPhone/iOS users: Scan the QR code or download "Soundbright" from the App Store.



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4 Bluetooth and App Functions

Connecting Hearing Aids to Android Devices

Step 1: Enable "Bluetooth" and "Location" on your Android device.

Step 2: Ensure the hearing aid is turned on and worn after removal from the charging case.

< Bluetooth	
Bluetooth	

< Location	
Location	

Step 3: Open the "Soundbright" app, click "Connect Hearing Aids," and the device will automatically establish a connection. (The initial connection may require granting location access for the Discovery device.)



Volume Interface

Access the volume and mode adjustment interface by clicking the "Volume" button on the homepage. Volume: Adjusts the overall volume of the hearing aid across all frequencies.



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Adjustment Interface

Click the left/right hearing aid button to adjust hearing aid individually.

Speech Clarity:

Boosts the volume of frequencies essential for understanding speech.

Maximum Output Level:

Sets the maximum amplification level of the hearing aid.

Noise Reduction:

Filters out background noise to improve speech understanding.

Whistle Suppression:

Eliminates feedback (whistling). We recommend keeping this off and only enabling it if you frequently experience feedback issues, as it may limit other functionalities.



Precautions for App Connection

Bluetooth and Location Permissions:

Ensure the Soundbright app has access to Bluetooth permissions, Bluetooth functionality, and location services for proper functionality.

Automatic Disconnection:

If the Soundbright app is inactive for 3 minutes after the hearing aid is connected, they will automatically disconnect.

Background Operation:

When the Soundbright app operates in the background or the smart device screen is locked, the hearing aid and app will automatically disconnect.

Long-Term Bluetooth Inactivity:

- If the hearing aid remains disconnected from Bluetooth for an extended period after being turned on, the hearing aid's Bluetooth function will deactivate.
- In such cases, The Soundbright app will be unable to connect to the hearing aid. To resolve this, turn your hearing aids off and then back on before attempting to reconnect to The Soundbright app.

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Bluetooth Function Setup

The Soundbright Discovery features Bluetooth functionality, allowing it to connect to smart devices for audio transmission.

Step 1: Turn off the hearing aid, then turn it back on.

Step 2: Enable the Bluetooth function on your smart device.

Step 3: Open the Bluetooth list on your smart device, search for "Discovery" and select it to pair.



Bluetooth Mode: Button Operation

Press Mode	Function
Press multi-function button	Play/pause a song; Answer/hang up the phone
Quick double press the left	Next song
Quick double press the right	Previous song

Notes on Bluetooth Mode

- The hearing aid's Bluetooth function automatically turns off when it's not connected for 3 minutes.
- No re-pairing is required after the initial successful connection.
- Automatic switching between Bluetooth and hearing aid functions.
- If you pause music or end a call, the device will automatically switch to the hearing aid function.
- When disconnected from the phone (Bluetooth turned off), the device will revert to the hearing aid function.

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Care and Maintenance

Care and Maintenance Normal Working Conditions Transportation Conditions Storage Conditions

Care and Maintenance

Cleaning the Housing:

Use a soft, dry cloth or tissue paper to gently wipe away grease and moisture from the hearing aid housing. If the device is frequently exposed to sweat or humidity, it is best to wipe them daily to remove excess moisture.

Keep Out of Reach:

Store hearing aids out of the reach of children to prevent unnecessary risks and losses.

Avoid Water Exposure:

- Remove the hearing aid before sleeping, bathing, or swimming to prevent water damage.
- Do not immerse the hearing aid in water or other liquids, as this can damage the internal circuitry.

Clean Sound Outlet and Microphone Input Port:

Regularly clean the sound outlet and microphone input port with a soft brush to ensure optimal performance and longevity of the device.

Normal Working Conditions

Ambient temperature: -10°C-40°C

Relative humidity: ≤80%

Atmospheric pressure: 86Kpa-106Kpa

Power requirements: Working voltage lithium battery is 3.7V

Transportation Conditions

Moisture-proof, fall-proof and shock-proof.

Storage Conditions

Dry, clean and normal temperature.

6 Troubleshooting Guide

Malfunction	Possible Reasons for	The Solution
	Low volume	Increase the volume
No cound	Equipment is out of power	Charge your hearing aid
	Microphone clogging	Clean microphone
	Wax guard is blocked	Replace wax guard
	The battery is low	Charge your hearing aid
The voice was low,	The ear domes are too loose	Choose the right size to wear
weak, or unclear	Ear domes or wax guard have wax on them	Clean dirt from ears and ear domes; replace New wax guard
	Hearing change	Contact your doctor
Abnormal bluetooth function	Hearing aids are connected to other devices	 Turn off Bluetooth for other devices and restart your hearing aid Press and hold the multi-function button for 10s to restore Bluetooth Settings

Malfunction	Possible reasons for	The Solution
Abnormal bluetooth function	Your hearing aid has been connected to other smart devices	Turn off Bluetooth for other smart devices and reconnect the smart device you need to connect to
	The Bluetooth connection is unstable	Minimize the distance between hearing aids and smart device
Hearing aid whistles in the charging case	The hearing aid is placed out of position	Remove the hearing aid from the charging case and place the hearing aid in the charging case according to the "L,R" mark
	Low battery of the charging case	Charge the charging case
Hearing aid is in the charging case, the hearing aid charging indicator light is not on	Poor contact of charging contact	Insert the hearing aid back into the charging base. If the issue persists, ensure that the charging contacts are clean. Use the provided brush from the accessories kit to thoroughly remove any debris.
	The hearing aid is placed out of position	Check to see if your hearing aid is upside down
	Green insulation sticker cover has not been removed	Remove and discard green insulation sticker cover

7 Precautions Precautions for Use Notice

Precautions for Using Hearing Aids

Ear Trauma or Inflammation:

If you experience trauma, inflammation, swelling, or pain in the ear after wearing a hearing aid, discontinue use and contact Soundbright support at info@soundbright.com for assistance. If the issue persists, seek medical advice.

Exposure to Radiation:

Avoid wearing hearing aids during NMR or CT scans as the radiation can damage them. Other sources of radiation, like anti-theft devices, room monitoring systems, radios, and mobile phones, may affect quality but typically won't cause damage to hearing aids.

Mining or Explosion Environments:

In mining areas or situations involving explosions, ensure the hearing aid is turned off and only use it once safety is confirmed.

Cosmetic Products:

Cosmetics such as hair gel and facial cream can potentially damage hearing aids. Remove the hearing aid before applying such products.

Environmental Conditions:

Avoid exposing the hearing aid to high temperatures, high humidity, and potential shocks.

Theoretically, any person with hearing loss may become a hearing aid user. At present, it is not possible to use a comprehensive quantitative index to measure whether a person with hearing loss needs a hearing aid. However, in the following situations, medical treatment should be considered first, and then The doctor or hearing aid provider decides whether a hearing aid can be selected based on needs:

- Tinnitus occurs, unilateral or bilateral.
- Unexplained unilateral or bilateral significantly asymmetric hearing loss.
- Hearing loss accompanied by dizziness, headache, or earache.
- Conductive hearing loss due to any cause (external ear, middle ear inflammation, discharge, cerumen or foreign body embolism, etc.)
- Central and non-organic deafness.
- It is not advisable to choose a hearing aid device for other reasons.

Notice

A few users who wear hearing aids for the first time complain that their ears are blocked and their voices are too loud, etc. They will gradually adapt within three months.

Questions or Concerns?

Reach out to us at info@soundbright.com or call us at +1(855)625-4327