

Shine Rev+ in-the-ear (ITE) hearing aid guide



unitron™ Love the
experience

A Sonova brand

Thank you

Thank you for choosing these hearing aids.

Unitron is a hearing solution company that believes people should feel really good about the entire hearing experience, start to finish. Our ingenious products, technologies, services and programs offer a level of personalization you can't get anywhere else. Get ready to **Love the experience.™**

This user guide applies to the following models:

Year of introduction: 2020

Shine™ Rev+ ITE

Your hearing aids

Hearing care professional: _____

Telephone: _____

Model: _____

Serial number: _____

Replacement batteries:

☐ Size 10A

☐ Size 312

☐ Size 13

Warranty: _____

Program 1 is for: _____

Program 2 is for: _____

Program 3 is for: _____

Program 4 is for: _____

Date of purchase: _____

Quick reference

Low battery warning



2 beeps every
30 minutes

On/Off



On



Off

Battery size



□ 10A



□ 312



□ 13

Changing batteries



Battery symbol



Battery symbol

Push button



- switching programs
- volume control

Rotary dial



- volume control
forward=louder,
back=softer

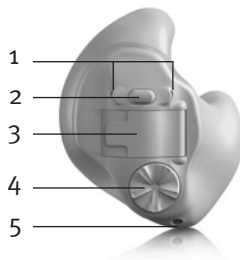
Table of contents

Your hearing aids at a glance	2
Warnings	4
Putting your hearing aids in your ears.....	10
Turning your hearing aids on and off	12
Battery information.....	13
Tinnitus masker	16
Operating instructions	19
Using the telephone.....	25
Protecting your hearing aids	26
Cleaning your hearing aids.....	27
Assistive listening devices	28
Troubleshooting guide	29
Warning to hearing aid dispensers (to comply with the U.S. Food and Drug Administration (FDA) regulations)	33
Information and explanation of symbols.....	35
Compliance information.....	38
Patient feedback.....	40
Additional notes	41

Your hearing aids at a glance

- 1 **Microphone** - sound enters your hearing aids through the microphones. **Microphone shield** - protects microphones from dirt & debris
- 2 **Push button** - switches between listening programs or changes the volume level, depending on your customized fitting
- 3 **Battery door (on & off)** - close the door to turn on your hearing aids, open the door all the way to turn off your hearing aid or to change the battery
- 4 **Rotary dial** - controls the volume
- 5 **Vent** - aids in the reduction of occlusion making your own voice sound better
- 6 **Removal handle** - assists in removing very small hearing aids from the ear canal

☐ Full shell directional



☐ Half shell / canal directional



☐ CIC (Completely-in-the-canal)



Warnings

- ⚠ The intended use of hearing aids is to amplify and transmit sound to the ears and hereby compensate for impaired hearing. The hearing aids (specially programmed for each hearing loss) must only be used by the intended person. They should not be used by any other person as they could damage hearing.
- ⚠ Hearing aids should only be used as directed by your physician or hearing care professional.
- ⚠ Hearing aids will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions.
- ⚠ Do not use your hearing aids in explosion hazard areas.
- ⚠ Allergic reactions to hearing aids are unlikely. However, if you experience itching, redness, soreness, inflammation or a burning sensation in or around your ears, inform

your hearing care professional and contact your physician.

- ⚠ In the unlikely case that any parts remain in the ear canal after the removal of the hearing aid, contact a physician immediately.
- ⚠ Remove your hearing aids for CT and MRI scans or for other electromagnetic procedures.
- ⚠ Special care should be exercised in wearing hearing aids when maximum sound pressure levels exceed 132 decibels. There may be a risk of impairing your remaining hearing. Speak with your hearing care professional to ensure the maximum output of your hearing aids is suitable for your particular hearing loss.

Battery warnings

- ⚠ Never leave hearing aids or batteries where small children and pets can reach them. Never put hearing aids or batteries in your mouth. If a hearing aid or battery is swallowed, call a physician immediately.

Precautions

- ① The use of hearing aids is only part of hearing rehabilitation; auditory training and lip reading instruction may be required as well.
- ① In most cases, infrequent use of hearing aids does not provide full benefit. Once you have become accustomed to your hearing aids, wear your hearing aids everyday all day.
- ① Your hearing aids use the most modern components to provide the best possible sound quality in every listening situation. However, communication devices such as digital cell phones can create interference (a buzzing sound) in hearing aids. If you experience interference from a cell phone being used close by, you can minimize this interference in a number of ways. Switch your hearing aids to another program, turn your head in a different direction or locate the cell phone and move away from it.

Labeling

The serial number and year of manufacture are located on the outside of the hearing aid.

Cell phone compatibility rating

Some hearing aid users have reported a buzzing sound in their hearing aids when they are using cell phones, indicating that the cell phone and hearing aid may not be compatible. According to the ANSI C63.19 standard (ANSI C63.19-2006 American National Standard Methods of Measurement of Compatibility Between Wireless Communications Devices and Hearing Aids), the compatibility of a particular hearing aid and cell phone can be predicted by adding the rating for the hearing aid immunity to the rating for the cell phone emissions. For example, the sum of the hearing aid rating of 4 (M₄) and a telephone rating of 3 (M₃) would result in a combined rating of 7. Any combined rating that equals at least 5 would provide “normal use”; a combined rating of 6 or greater would indicate “excellent performance.”

The immunity of this hearing aid is at least M₄/T₄*. The equipment performance measurements, categories and system classifications are based upon the best information available but cannot guarantee that all users will be satisfied.

* For models featuring a telecoil input option

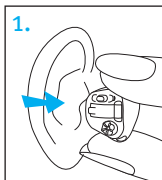
- ① **Note:** The performance of the individual hearing aids may vary with individual cell phones. Therefore, please try this hearing aid with your cell phone or, if you are purchasing a new phone, please be sure to try it with your hearing aid prior to purchase.

Putting your hearing aids in your ears

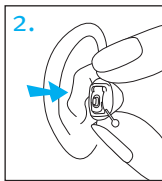
Your hearing aids may be color-coded on the battery door and/or the label on the hearing aid: red = right ear; blue = left ear.

Inserting your hearing aid

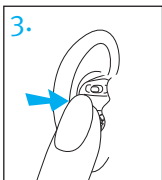
1. Hold the hearing aid between your thumb and index finger with the battery door facing away from your ear.



2. If your hearing aid has a removal handle, insert by holding the hearing aid with the removal handle at the bottom.

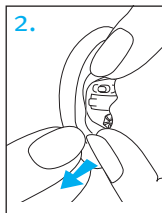
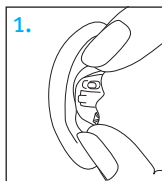


3. Gently insert the canal portion of the hearing aid into your ear using your index finger to push back and tuck the hearing aid completely into place. It should fit snugly and comfortably. Gently pull down and back on your earlobe to help you insert the hearing aid into your ear canal more easily.



Removing your hearing aid

1. To remove your hearing aid, grasp it with your thumb and index finger. If your hearing aid has a removal handle, gently pull on it to remove your hearing aid.
2. Move your jaw up and down or apply pressure to the back of your ear to help loosen the hearing aid.



- ⓘ **Note:** Do not use the controls or the battery door to remove your hearing aids.

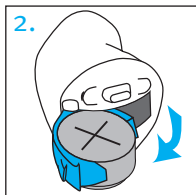
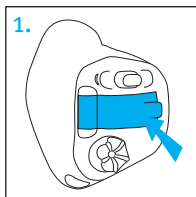
Turning your hearing aids on and off

The battery door acts as an on and off switch.

1. **On:** Close the battery door fully.

① **Note:** When you first turn your hearing aid on, the push button functionality may have a delay before it is active to prevent pressing it unintentionally during insertion

2. **Off:** Open the battery door to turn off the hearing aid and change the battery.



Battery information

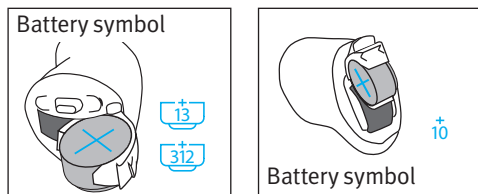
Low battery warning

Two long beeps indicate the hearing aid battery is low. After the low battery warning, sounds may not be as clear. This is normal and can be fixed by changing the batteries.

If you can't hear the low battery warning, your hearing care professional can change its pitch or loudness. If you prefer, it can be turned off entirely.

- ① Your hearing aids are designed to generate a low battery warning every 30 minutes until you change the batteries, but depending on the condition of the batteries, they may die before another low battery warning occurs. Therefore, it is recommended that the batteries are replaced as soon as possible once you hear the low battery warning.

Replacing the battery



1. Gently swing out the battery door with your fingernail.
 2. Grasp the battery with your thumb and index finger and remove.
 3. Insert the new battery into the battery compartment with the plus (+) sign on the battery facing the same way as the battery indicator on the battery door. This will ensure that the battery door closes properly.
- ① **Note:** If the battery is inserted incorrectly, the hearing aid will not turn on.
4. Close the battery door.

Caring for batteries

- Always discard batteries in a safe and environmentally friendly way.
- To prolong battery life, remember to turn your hearing aids off when not in use, especially when asleep.
- Remove the batteries and keep the battery door open while hearing aids are not being worn, especially when asleep. This will allow internal moisture to evaporate.

Tinnitus masker

Tinnitus masker uses broadband noise to provide temporary relief of tinnitus.

Tinnitus masker warnings

- ⚠ The tinnitus masker is a broadband sound generator. It provides a means of sound enrichment therapy that can be used as part of a personalized tinnitus management program to provide temporary relief from tinnitus.
- ⚠ The underlying principle of sound enrichment is to provide supplementary noise stimulation which can help defocus your attention from your tinnitus and avoid negative reactions. Sound enrichment, coupled with instructional counseling, is an established approach to managing tinnitus.
- ⚠ Air conduction hearing aids with the tinnitus masker are to be fitted by a hearing care professional familiar with the diagnosis and management of tinnitus.

- ⚠ Should you develop any side effects while using the tinnitus masker, such as headaches, nausea, dizziness or heart palpitations or experience a decrease in auditory function such as decreased loudness tolerance, worsening of tinnitus, or speech not as clear, you should discontinue use of the device and seek medical attention.
- ⚠ The volume of the tinnitus masker can be set to a level which could lead to permanent hearing damage when used for a prolonged period of time. Should the tinnitus masker be set to such a level in your hearing aid, your hearing care professional will advise you of the maximum amount of time per day you should use the tinnitus masker. The tinnitus masker should never be used at uncomfortable levels.

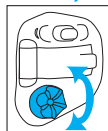
Important information

- ① The tinnitus masker generates sounds that are used as part of your personalized temporary tinnitus management program to provide relief from tinnitus. It should always be used as prescribed by a hearing care professional who is familiar with the diagnosis and treatment of tinnitus.
- ① Good health practice requires that a person reporting tinnitus have a medical evaluation by a licensed ear physician before using a sound generator. The purpose of such an evaluation is to ensure that medically treatable conditions, which may be causing tinnitus, are identified and treated prior to using a sound generator.
- ① The tinnitus masker is intended for adults 18 years of age or older who have both hearing loss and tinnitus.

Operating instructions

Your hearing aids may come with two controls that allow you to further adjust them – a rotary dial and a push button.

Rotary dial



The rotary dial on your hearing aids can be set up as a volume control.

☐ Volume control

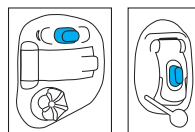
If the rotary dial has been configured as a volume control:

- Rotate dial slowly forward towards your nose to increase the volume
- Rotate the dial slowly backward away from your nose to decrease the volume

As you change the volume level, your hearing aids will beep.

Volume setting	Beeps
Suggested volume level	♪ 1 beep
Turning volume up	♪ short beep
Turning volume down	♪ short beep
Maximum volume level	♪♪ 2 beeps
Minimum volume level	♪♪ 2 beeps

Push button



The push button on your hearing aids can be either a program control, a volume control or a combination of both.

□ Program control

If the push button has been configured as a program control, each time you push the button, you will move to a different hearing aid program. Your hearing aids beep to indicate which program you are in.

Program setting	Beeps
Program 1 (e.g. AutoMic)	♪ 1 beep
Program 2 (e.g. speech in noise)	♪♪ 2 beeps
Program 3 (e.g. telephone)	♪♪♪ 3 beeps
Program 4 (e.g. music)	♪♪♪♪ 4 beeps
DuoLink (if enabled)	Opposite ear beeps the same as side being adjusted

Please see the front of this booklet for a listing of your personalized programs.

□ Volume control

If your push button has been configured as a volume control, either:

- Push the button on your right hearing aid to increase the volume, and
- Push the button on your left hearing aid to decrease the volume

or:

- Push the button to step through your volume levels

As you change the volume control, your hearing aids will beep.

Volume setting	Beeps
Suggested volume level	 1 beep
Turning volume up	 short beep
Turning volume down	 short beep
Maximum volume level	 2 beeps
Minimum volume level	 2 beeps

□ Program/volume control push button

If your hearing care professional has configured one hearing aid to be a program control and the other hearing aid to be a volume control:

- Push the button on your □ right / □ left hearing aid to access your different programs, and
- Push the button on your □ right / □ left hearing aid to step through your volume levels

Tinnitus masker

If your hearing care professional has configured both a tinnitus masker program and a volume control, you can adjust the tinnitus masker level while you are in the tinnitus masker program. To adjust the noise level, either:

- Rotary dial
 - Rotate dial slowly forward towards your nose to increase tinnitus masker, and
 - Rotate the dial slowly backward away from your nose to decrease the tinnitus masker
- Push button (right/left)
 - Push the button on your right hearing aid to increase the tinnitus masker, and
 - Push the button on your left hearing aid to decrease the tinnitus masker
- Push button (steps)
 - Push the button to step through your tinnitus masker volume levels

As you change the level, your hearing aids will beep.

DuoLink

If DuoLink is enabled, when you change the volume or program settings on one hearing aid, the other one changes as well. DuoLink works for both the push button and the rotary dial.

For example, if your push button is configured as a program control and DuoLink is enabled, when you push the button on one hearing aid, the program will change on both hearing aids.

Using the telephone

Your hearing care professional may have set up a phone program on your hearing aids that you can access using the push button.

Protecting your hearing aids

- Open the battery door when not in use.
- Always remove your hearing aids when using hair care products. The hearing aids can become clogged and cease to function properly.
- Do not wear your hearing aids in the bath or shower or immerse them in water.
- If your hearing aids do become wet, do not attempt to dry them in an oven or microwave. Do not adjust any controls. Open the battery doors immediately, and allow your hearing aids to dry naturally for 24 hours.
- Protect your hearing aids from excessive heat (hair dryer, vehicle glove box or dashboard).
- Regular use of a dehumidifier, such as a Dri-Aid kit, can help prevent corrosion and prolong the life of your hearing aids.
- Do not drop your hearing aids or knock them against hard surfaces.

Cleaning your hearing aids

Use a soft cloth to clean your hearing aid at the end of each day, and place it in its case with the battery door open to allow moisture to evaporate.

- ① Ear wax is natural and common. Ensuring your hearing aids are free of ear wax is an important step in your daily cleaning and maintenance routine.
- ① Using the brush that was provided with your hearing aids, clean ear wax from your hearing aids everyday.
- ① Never use alcohol to clean your hearing aids.
- ① Do not use sharp tools to dislodge ear wax. Sticking household items into your hearing aids can seriously damage them.
- ① Talk to your hearing care professional about regular appointments to have the wax removed from your hearing aids.

Assistive listening devices

Listening in public places

Telecoils pick up electromagnetic energy and convert it into sound. Your hearing aids may have a telecoil option that can help you listen in public places equipped with telecoil compatible assistive listening devices such as a loop system. When you see this symbol, a loop system is present and may be compatible with your hearing aids. Please contact your hearing care professional for more information on loop systems.



Troubleshooting guide

Cause	Possible remedy
No sound	
Not turned on	Turn on
Low/dead battery	Replace battery
Poor battery contact	Consult your hearing care professional
Battery upside down	Insert battery plus (+) side up
Hearing aids blocked with ear wax	See “Cleaning your hearing aids.” Consult your hearing care professional

Cause	Possible remedy
Not loud enough	
Low volume	Turn up volume; see hearing care professional for models without a manual volume control or if problem persists
Low battery	Replace battery
Hearing aids not inserted properly	See “Putting your hearing aids in your ears.” Remove and reinsert carefully
Change in hearing	Consult your hearing care professional
Hearing aids blocked with ear wax	See “Cleaning your hearing aids.” Consult your hearing care professional

Cause	Possible remedy
Intermittent	
Low battery	Replace battery
Dirty battery contact	Consult your hearing care professional
Two long beeps	
Low battery	Replace battery
Whistling	
Hearing aids not inserted properly	See “Putting your hearing aids in your ears.” Remove and reinsert carefully
Hand/clothing near ear	Move hand/clothing away from your ear
Poorly fitting hearing aids	Consult your hearing care professional

Cause	Possible remedy
-------	-----------------

Not clear, distorted

Poorly fitting hearing aids	Consult your hearing care professional
Hearing aids blocked with ear wax	See “Cleaning your hearing aids.” Consult your hearing care professional
Low battery	Replace battery

Weak on the telephone

Low volume	Turn up volume
Telephone not positioned properly	Move telephone receiver around ear for clearer signal. See “Using the telephone”
Hearing aid requires adjustment	Consult your hearing care professional

For any problems not listed in the guide, contact your hearing care professional.

Warning to hearing aid dispensers (to comply with the U.S. Food and Drug Administration (FDA) regulations)

A hearing aid dispenser should advise a prospective hearing aid user to consult promptly with a licensed physician (preferably an ear specialist) before dispensing a hearing aid if the hearing aid dispenser determines through inquiry, actual observation, or review of any other available information concerning the prospective user, that the prospective user has any of the following conditions: (i) Visible congenital or traumatic deformity of the ear. (ii) History of active drainage from the ear within the previous 90 days. (iii) History of sudden or rapidly progressive hearing loss within the previous 90 days. (iv) Acute or chronic dizziness. (v) Unilateral hearing loss of sudden or recent onset within the previous 90 days. (vi) Audiometric air-bone gap equal to or greater than 15 decibels at 500 hertz (Hz), 1,000 Hz, and 2,000 Hz. (vii) Visible evidence of significant cerumen accumulation or a foreign body in the ear canal. (viii) Pain or discomfort in the ear. Special care should be exercised in selecting and fitting a hearing aid whose maximum sound pressure level exceeds 132 decibels because there may be risk of impairing the remaining hearing of the hearing aid user. [This provision is required only for those hearing aids with a maximum sound pressure capability greater than 132 decibels (dB).]

Important notice for prospective hearing aid users

Good health practice requires that a person with a hearing loss have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before purchasing a hearing aid.

Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists or otorhinolaryngologists. The purpose of medical evaluation is to assure that all medically

treatable conditions that may affect hearing are identified and treated before the hearing aid is purchased. 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 a 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.

Children with hearing loss

In addition to seeing a physician for a medical evaluation, a child with a hearing loss should be directed to an audiologist for evaluation and rehabilitation since hearing loss may cause problems in language development and the educational and social growth of a child. An audiologist is qualified by training and experience to assist in the evaluation and rehabilitation of a child with a hearing loss.

Information and explanation of symbols



With the CE symbol, Unitron confirms that this Unitron product – including accessories – meets the requirements of the Medical Devices Directive 93/42/EEC as well as the Radio Equipment Directive 2014/53/EU on radio and telecommunications transmitters.

The numbers after the CE symbol correspond to the code of certified institutions that were consulted under the above-mentioned directives.



This symbol indicates that it is important for the user to read and take into account the relevant information in this user guide.



This symbol indicates that it is important for the user to pay attention to the relevant warning notices in this user guide.



Important information for handling and effective use of the product.



Australia and New Zealand EMC and Radiocommunications compliance label.



This symbol indicates that the products described in these user instructions adhere to the requirements for an application part of Type B of EN 60601-1. The surface of the hearing aid is specified as applied part of Type B.



Copyright symbol



Indicates the Authorized representative in the European Community.



This symbol shall be accompanied by the name and the address of the manufacturer (who are placing this device on the market).

Operating conditions:

This device is designed such that it functions without problems or restrictions if used as intended, unless otherwise noted in these user guides.

Transport conditions:

Temperature: Lower Limit = -20°C (-4°F),

Upper Limit = $+60^{\circ}\text{C}$ ($+140^{\circ}\text{F}$)

Humidity: Lower Limit = 0%, Upper Limit = 75%

Pressure: Lower Limit = 50kPA, Upper Limit = 106kPA



The symbol with the crossed-out garbage bin is to make you aware that this device may not be thrown away as normal household waste. Please dispose of old or unused devices, at waste disposal sites intended for electronic waste, or give your device to your hearing care professional for disposal. Proper disposal protects the environment and health.

Shine Shine is a trademark of Unitron.



Date of manufacture



Serial number



Transportation and storage temperature limitation



Transportation and storage humidity limitation



Transportation and storage atmospheric pressure limitation



Keep dry

Compliance information

Declaration of conformity

Hereby, Unitron Hearing declares that this product meets the requirements of the Medical Device Directive 93/42/EEC and complies with Radio Equipment Directive 2014/53/EU. The full text of the Declarations of Conformity can be obtained from the manufacturer via the following web address:

<https://unitron.com/content/certificates>.

Australia/New Zealand:



R-NZ

Indicates a device's compliance with applicable Radio Spectrum Management's (RSM) and Australian Communications and Media Authority (ACMA) regulatory arrangements for the legal sale in New Zealand and Australia. The compliance label R-NZ is for radio products supplied in the New Zealand market under conformity level A1.

The hearing aid described in this user guide is certified under:

Standard hearing system

	USA - FCC ID:	Canada - IC:
Shine Rev+ ITE 13, 312	VMY-UWITE2	2756A-UWITE2
Shine Rev+ ITE 10A omni	VMY-UWITE4	2756A-UWITE4

Notice 1

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received, including interference that may cause undesirable operation.

Notice 2

Changes or modifications made to this device not expressly approved by Unitron may void the FCC authorization to operate this device.

Notice 3

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and ICES-003 of Industry Canada. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the device into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Patient feedback

Record your specific needs or concerns and bring to your first office visit after getting your hearing aids.

This will help your hearing care professional to address your needs.

☐ _____

☐ _____

☐ _____

☐ _____

☐ _____

Additional notes



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