

ZT2209  
SELF-TUNING HEARING AIDS  
USER MANUAL



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**Safety and health information**

**Intended use**

The Lark Sound hearing aids are a pair of user-fitted wireless air conduction hearing aids intended for use by individuals 18 years and older with perceived mild to moderate hearing impairment.

**Indications for use**

The Lark Sound hearing aids are intended to amplify sound for individuals 18 years of age or older with perceived mild to moderate hearing impairment. They are adjusted by the user to meet the user's hearing needs. No pre-programming or hearing test is necessary. The device is intended for direct-to-consumer sale and use without the assistance of a hearing care professional.

**Clinical data**

In a clinical study, people with mild to moderate hearing impairment generally experienced similar hearing benefit, and were more satisfied, when using the Lark Sound self-fitting technology compared with professional fitting of the same device. There were no adverse events encountered during this study.

**Hearing health care information**

**This product may help you hear better if you:**

- Strain to follow conversations when others don't, especially in noisy places.
- Have trouble understanding the TV.

**This product may not be right for you if you:**

- Consistently experience feedback (whistling) of the hearing aid when you turn up volume to a level that is comfortable for you, even after you have followed the suggestions in these Instructions for Use to make sure your hearing aid fits properly.
- Feel the hearing aid is not providing enough amplification even at the highest volume setting. A hearing health care professional may be able to help you select a different hearing aid solution to meet your needs.

**You should see a hearing health care professional if you:**

- Have a visible deformity of the ear.
- Have a current ear infection or a history of

active discharge from one or both ears within the past 90 days.

- Have sudden or rapid progression of hearing loss within the past 90 days in one or both ears.
- Have acute or chronic dizziness, poor dexterity, poor vision, or significant dementia.
- Suspect that you have significant ear wax accumulation or a foreign object in the ear canal. Symptoms of significant ear wax accumulation can include itching in your ear, a feeling of fullness in your ear, and/or reduced hearing.
- Experience pain or discomfort in the ear.
- Have a noticeable difference in hearing between ears.
- Have sudden onset or rapid worsening of tinnitus (ringing in the ear) in one or both ears within the past 90 days.

This product will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. This product is designed to help you make greater use of your remaining hearing ability. You should keep in mind that it can take time to become accustomed to hearing new sounds. For best results, practice using the hearing aids as much as possible. In most cases, infrequent use of the hearing aids doesn't permit you to attain full benefit from them. The use of a hearing aid is only part of hearing habilitation and may need to be supplemented by auditory training and instruction in lipreading. It is good health practice for a person with a hearing loss to have a medical evaluation by a licensed physician (preferably a physician who

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specializes in diseases of the ear). Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists, or otorhinolaryngologists. The purpose of a medical evaluation is to assure that all medically treatable conditions that may affect hearing are identified and treated.

**⚠ WARNINGS**

Keep and store device and components out of reach of children. Contains small parts which may be a choking hazard.  
• To prevent hearing damage:  
– Use appropriate hearing protection in loud environments. The hearing aids are NOT hearing protection devices.  
– Remove the hearing aids if you encounter any overly loud sounds.

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- Do NOT use the hearing aids in explosive or oxygen-enriched atmospheres. Otherwise, a fire or explosion could occur.
- Check before using the hearing aids in areas where electronics or wireless devices are restricted. This may cause interference.
- Do NOT resell the hearing aids or share them with others. They are intended for use by a single user. Using resold or shared hearing aids may lead to infection.
- Keep the product away from fire and excessive heat (e.g., from storage in direct sunlight, near candles, or in a hot car) to avoid burns or damage to product.
- Do NOT submerge in water, wear in the shower, or wear while participating in water sports, e.g., swimming, waterskiing, surfing, etc. Prolonged exposure to water may damage the hearing aids.

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**⚠ CAUTIONS**

- Be aware that some sounds may sound different when you're using the hearing aid. Keep this in mind when you need to be aware of your surroundings. You should adjust to this over time.
- Consult a hearing care professional if you experience any unusual side effects like skin irritation, excessive accumulation of ear wax, dizziness, change in your hearing, or if you think there may be a foreign object in your ear canal.
- When adjusting the volume/bass/treble, turn up gradually until you reach a comfortable listening level.
- Do NOT use the hearing aid or their components if any part of them is damaged, if they emit any loud unusual noise, if you

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experience a warming sensation, or if you experience loss of audio. If this happens, remove and power off the hearing aid immediately, then contact our support team via email support@larksound.com.  
• Do NOT make unauthorized alterations to this product.

**Read before use**

**Typical symptoms of hearing impairment:**

1. Complete hearing loss : No sound can be heard.
2. Hearing loss: Sound can be heard, but very difficult to hear clearly.
3. Hearing loss of high frequency sound: hardly to catch the high-pitched sounds like women's voice, Can't hear clearly when in phone call, watching TV etc.
4. Hearing loss of low frequency sound: Hardly to

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catch the low-pitched sounds like motor sound, men's voice.  
5. Intermittent hearing loss: All kinds of sounds can be heard. Sometimes sentence and some words can not be heard completely clearly or missed, need repeat again.

**How to select a suitable hearing aids**

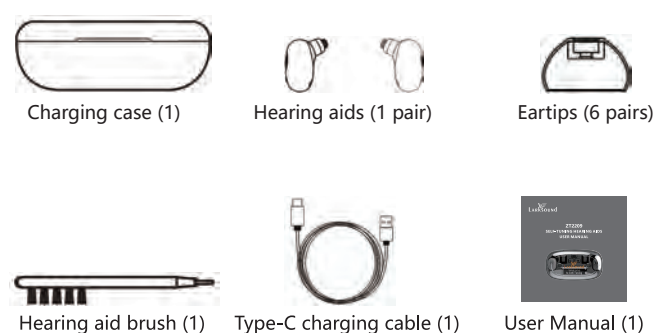
To choose a suitable hearing aid is very important for the hearing impaired people. It means improving the quality of their life! User need to know which of the five types of hearing loss they got. There is no way to improve for the first case. For the second case, the ordinary hearing aids can work; While for the case of 3/4/5, people need professional compensatory hearing aids.

**Why hearing aids needs sound frequency compensation? What kind of frequency compensation helps the hearing loss?**

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integrates frequency testing, compensation adjustment etc. into the charging case by creating new technology, which makes the hearing aids easy setting and friendly use.

**What's in the box**



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**Specification**

- Input Voltage: 5V 1A
- Battery life: up to 8 hrs for single charge
- Charging case capacity : up to 35 hrs usage with case
- Hearing Aid Amplification Gain: > 50 dB
- Volume amplify: 16 levels
- Total 6 frequency bands, each frequency band has 8 channels for enhance hearing.
- Water resistant: resistant to water and able to survive light exposure to rain or water.

**Set up the hearing aids**

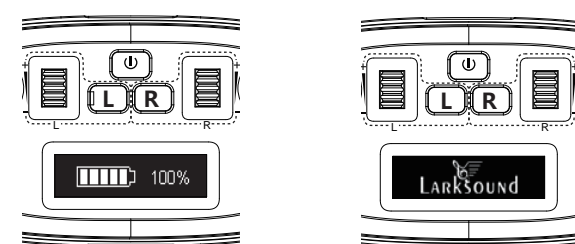
**Charging**  
While you charging the case, display showing percentage of battery charge, after it fully charged, showing "100%". Hearing Aids will be automatically charging after

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you put them in the case, hearing aids light stop flashing after fully charged.

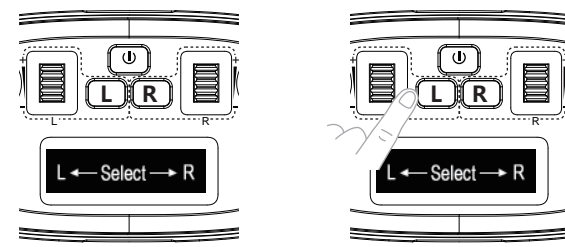
**How to set up this Hearing Aids**

1. Open the cover of charging case, the screen shows the remaining charge of the battery, press and hold the power key for 3 seconds until the "LARKSOUND" logo is released.



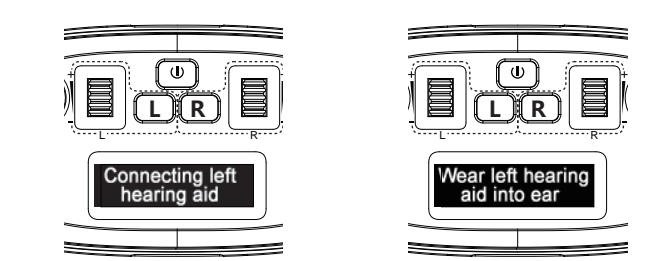
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2. After the logo, the screen shows asking of select left or right hearing aids, KEEP THE HEARING AIDS IN THE CHARGING CASE. Choose the needed hearing aid, please press L for left, press R for right

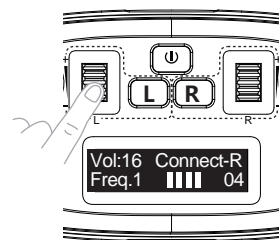


3. After select hearing aid, the charging case will connect hearing aid automatically, KEEP THE HEARING AID IN THE CHARGING CASE before display remind you to wear the hearing aid, then you can start adjusting them to fit your hearing need.

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4. Volume adjustment: Rotate the left knob for adjusting left hearing aid volume, right knob for adjusting right hearing aid volume. and rotate it forward.

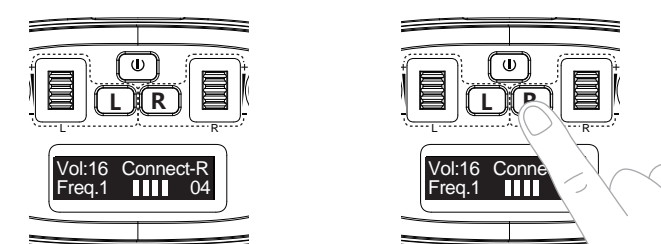


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For the 3/4/5 types of hearing loss, the inaudible sound can be heard, but other sound sources will become louder and noisy, which is poor user experience for users. The solution is : To lower the original audible frequency, and louder the inaudible frequency for a balance of the sound that user can hear to achieve a good user experience. **Larksound hearing aids designed to be with self-tuning frequency compensation, an unique feature different from other hearing aids.** For the hearing impaired, the best way is to go to a professional institution to do the testing and choose a suitable hearing aid. However, it takes a lot of time, energy and money, and the elder people also have difficulty in mobility and other reasons, which will lead to a low acceptance of hearing aids by the elderly. To solve the problems, Larksound hearing aids

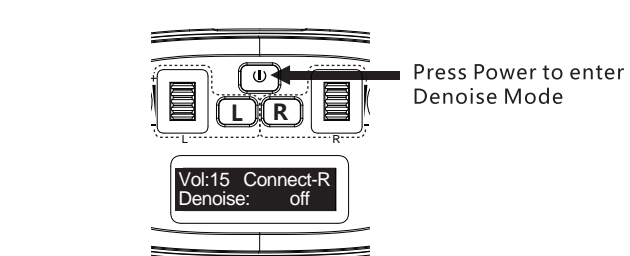
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5. Frequency adjustment: Short press power button to choose Frequency band 1 to 6, press L for left hearing aid, R for right hearing aid, to change frequency channel.



6. Short press power button to Denoise mode, then press L for left hearing aids, R for right hearing aids, to turn on/off denoise mode.

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7. You will find Ship mode after Denoise mode if you keep short press power button. When the ship mode is turned on (by short pressing L or R), the hearing aids does not work, which can prevent the product from consuming too much electricity when it is delivered to consumers. 8. Reset Mode: In this mode, short press L or R, factory settings can be restored. 9. After you finished setting one of the hearing aid, and want to adjust another, please long press L for left (or R for right) to disconnect

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current one, system will return back to step 2(select hearing aid), then you can select and start setting the other one.

\*After you finished all hearing aids' adjustment, the system will remember the setting, no need to re-adjust them when you restart.

**How to wear**

Place the logo vertically downwards, insert the hearing aid into your ear, and gently rotate the hearing aid indicated until it can be completely placed inside the ear and snug.



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\* In order to avoid whistle, before you remove the hearing aids from the ear, you need to touch the logo on the hearing aids with your finger, then the sound will be muted for 2 seconds, then remove the hearing aids.

\* This product includes 6 pairs of different sizes of eartips, according to your ear canal to choose the appropriate eartip to wear, inappropriate eartip is easily having whistle.

**Is the eartip size correct for each ear?**

The size of the eartip affects comfort and stability. Correct size: The eartip feels secure, though it may feel strange at first (see "What to expect" ). If you shake your head and open your mouth, the eartip feels comfortable and doesn't move. If the eartip feels uncomfortable or loose: Check whether the eartip is too big or too small. If it is, you can replace it with a different size.

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**Check if the eartips are too big or too small**  
If one or both eartips match the descriptions below, try a different eartip size.

**Too big:**  
• The eartip feels painful or uncomfortable.  
• It's difficult to insert the eartip into your ear canal.  
• The bend in the cable close to the eartip doesn't sit flat against your ear.

**Too small:**  
• The eartip feels loose or insecure.  
• If you shake your head and open your mouth, the eartip feels painful or moves.

**Correct size:**  
• The eartip feels secure, though it may feel strange at first.  
• If you shake your head and open your mouth, the eartip feels comfortable and doesn't move.  
• You may need to use a different size eartip for each ear.

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**Care and maintenance**

**Store the hearing aids**

To protect the hearing aids, store them in the case partially open when you're not using them. Keep and store device and components out of reach of children. Contains small parts which may be a choking hazard.

**Maintain the hearing aids**

To prevent damage and preserve sound quality, it's important to regularly maintain the hearing aids and replace components

**Moisture**

Moisture can damage the hearing aids or cause them to fail.

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**Keep the hearing aids dry**

- Never wear the hearing aids in the shower, bath, or pool.
- Protect the hearing aids from prolonged exposure to rain.
- Never apply hairspray, cologne, creams, or other cosmetics while wearing the hearing aids.

**If the hearing aids become excessively wet**

- Leave the hearing aids in the case overnight with the lid open to dry.
- To thoroughly dry the hearing aids, store them in a container with desiccants or in a hearing aids drying case. This can help if you live in a humid climate or sweat often.

**What to expect**

Adjusting to a new hearing aid can feel

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overwhelming at first, and it can take time to feel fully comfortable. With patience, though, you'll soon be enjoying better hearing. Here's what you can expect during the first few days and weeks of using the hearing aids.

**Comfort and fit**

- The eartips may feel strange or itchy inside your ear canal at first. This is normal, and you'll get used to the feeling over time. However, if they feel painful, try a different eartip size.
- The hearing aids might feel slightly uncomfortable to start. Try to wear them as much as possible to give yourself time to get used to the feeling.
- TIP:** If you aren't comfortable wearing the hearing aids all day, try wearing them for a few hours at a time and gradually work up to longer use.

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**Adjusting to new sounds**

- Sounds may seem loud or different. You may also notice background noises that you haven't heard before. As your brain learns to recognize and filter out these sounds, they'll become less apparent over time.
- TIP:** Wear the hearing aids as much as possible to become more quickly accustomed to new sounds.
- Your voice may seem loud at first. To help, practice talking with a friend in a familiar environment before using the hearing aids for other conversations.
- You might need to experiment with different hearing aid settings as you try the hearing aids in new environments. Over time, you'll find settings that work for you and won't need to adjust them as often.
- TIP:** Be patient! It can take some people up to several months to fully adjust to their hearing aids.

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**Trouble Shooting**

If you experience problems with the hearing aids, try these general solutions first:

Problems	Solutions
Charging case does not power on	Open the charging case cover, if there is no power shows on display, you need to charge first, when the power is less than 20%, it need to be charged first.
Hearing aids could not be turned on	Please ensure hearing aid power enough the first time, please make sure charging more than 90 mins.
Can not enter setting process	Ensure that the charging case has power, and the power is more than 50%, long press the power on for 3 seconds.

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The hearing aids has been disconnected frequently while under setting	May be you are in a strong interference space, please choose a suitable location and try again.
The hearing aids can not charge	Please: make sure the hearing aids and charging bin of metal contacts is clean and not damaged.
The charging case can not charge	Please check the charging cable and charger is good without damaged.
Hearing aids are not loud enough (no enough amplification)	Increase volume; Clear any debris or wax buildup from the eartips and microphones;
Hearing aids have no sound	Make sure hearing aids have enough power; Make sure your finger or ear do not touch the logo on hearing aids.

Remark: Once additional information needed, please kindly contact support@larksound.com, we will support you in shortest time.

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**FCC Compliance**

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment 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 equipment 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:

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment 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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and

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(2) this device must accept any interference received, including interference that may cause undesired operation.



**WEEE Compliance**  
Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)  
This marking on the product, accessories or literature indicates that the product and its electronic accessories should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them

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responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

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**FCC RF Radiation Exposure Statement:**

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 5mm between the radiator and your body.

**Hearing the world!!!**



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