

lexie<sub>lumen</sub>

## **Companion Microphone**

User Manual V1.0



## Intended Use

The companion microphone is an optional accessory for your Lexie Lumen hearing aid. It is used to help you listen to speech or other audio signals, especially in difficult listening environments. A hearing aid and companion microphone will not restore normal hearing, and will not prevent or improve biologic hearing sensitivity resulting from damage including but not limited to; the aging process, noise exposure, and/or head trauma.



This user manual will show you how to use and maintain your Lexie Lumen companion microphone. Please read this carefully.

Companion Microphone  
Purchase & **Warranty**  
**Information**

# Date purchased

Place UDI label or record serial number here:



## Note:

The FDA's Universal Device Identification (UDI) system is intended to provide rapid and accurate identification of medical devices, including hearing aids, using the unique UDI number. It provides easy access to important information about the device through the Access GUDID portal located at <https://accessgudid.nlm.nih.gov/>. Please retain a copy of your UDI label(s) here.



For more information on a warranty for your companion microphone, please refer to the 'Service and Warranty' section.

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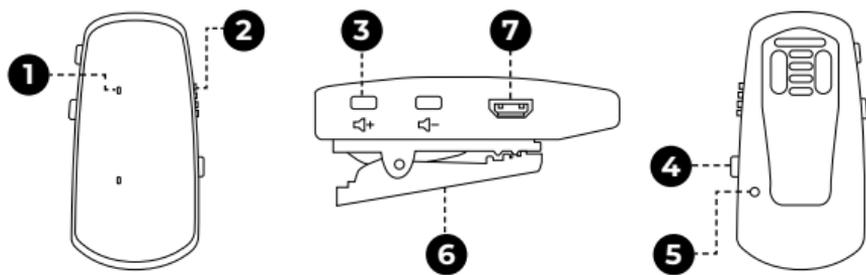
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The companion  
microphone **at a glance**

# The companion microphone at a glance



Hearing Aid Component	Function
1. Microphone inlets	Captures audio and sound for your companion microphone.
2. Omni/directional switch	Changes the microphone option to either omni or directional.
3. Volume button	Press (+) to increase volume and (-) to decrease the volume.
4. Power button	Use the button to turn your companion microphone on and off.
5. Pairing button	Press the pair button to initiate the pair sequence.
6. Removable clip	This clip is used to attach your companion microphone to the speaker.
7. Micro USB charging port	Used to charge your companion microphone.

# LED light **behavior guide**

The table below shows the LED behavior on your companion microphone.

Function	LED Behaviour
Power On - Press and hold power button. If released before 2 seconds, will abort sequence.	
Turning Off - Press and hold power button. If released before 2 seconds, will abort sequence.	
Charging	
Charged	
Low Battery	
Volume Up button pressed	
Volume Down button pressed	
Pairing button pressed	

**Getting started**

## Charging the companion microphone

Your companion microphone has a rechargeable battery. Before you use your companion microphone, make sure that it is fully charged.

To charge your companion microphone, follow these steps:

1. Plug the charging cable into the Micro USB charging port with the other end plugged into the wall plate.
2. Plug the wall plate into the outlet. During the charging process, the LED indicator will continuously flash a red light.
3. When your companion microphone is fully charged, the flashing light will become green.
4. Charging an empty battery will take approximately one hour.



### **i** Note:

It is safe to leave the charger connected overnight. In the case of a fully discharged battery, you will need to charge for a minimum of five minutes before the companion microphone can be turned on.

 **Tip:**

For safety reasons, only recharge the battery with the chargers supplied by Lexie Hearing. Warning: Do not charge the companion microphone while it is on your body.

## Switching your companion microphone on and off

**On:** Push and hold down the Power Button for at least two seconds, until you see the green LED light.

**Off:** Press and hold down the Power Button for at least two seconds, until you see the red LED light.

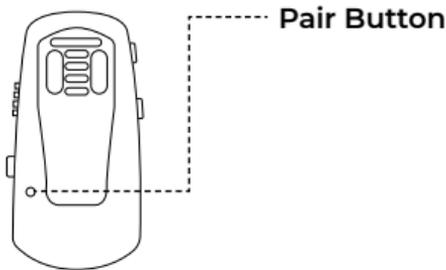
Function	LED behaviour
Power on	
Power off	

## Pairing your companion microphone with your Lexie Lumen hearing aid

Your companion microphone is compatible with the Lexie Lumen hearing aid. Before you begin using your companion microphone, you must first pair your companion microphone to your hearing aid.

To pair your companion microphone with your hearing aids, follow these steps:

- 1.** Turn off your hearing aid by opening the battery door.
- 2.** Turn on your companion microphone and press the Pair button found at the back of your companion microphone.
- 3.** The blue LED light will blink while in pairing mode.
- 4.** Within 30 seconds, close the battery door to turn on the hearing aid that you are pairing with.
- 5.** Once your hearing aid is paired successfully, you will hear a 'Paired' voice prompt through your hearing aid.



## Streaming

Your hearing aid will need to be paired with your companion microphone, the first time that it is used. After that you will only need to switch your companion microphone on and set your

Lexie hearing aid to the 'Companion Mic' listening environment/program. You can do this on the Lexie App or by pushing the listening environment/program button on your hearing aid. Your companion microphone will then automatically start streaming. To stop streaming, turn off your companion microphone and change your hearing aid back to your preferred listening environment/program.

## Microphone directionality

Your companion microphone can be used to pick up an individual speaker's voice or multiple voices at a time.

### **One Speaker (Directional Microphone Mode)**

When your companion microphone is being used for one speaker, it should ideally be clipped onto the speaker's shirt, or worn around the neck using the optional lanyard that is supplied. Ensure that your companion microphone is within a range of six to eight inches from the speaker's mouth and worn vertically with the microphone pointed towards the speaker's mouth.

### **Multiple Speakers (Omni Microphone Mode)**

When your companion microphone is being used for more than one speaker, it should be placed horizontally on a flat surface close to a group of people.

## Changing the volume on your companion microphone

The volume control buttons allow you to increase or decrease the volume level of your companion microphone.

Your companion microphone will automatically reset to the default volume when switched on. You will hear voice prompts as you increase or decrease the volume, and when you reach the maximum or minimum volume settings.

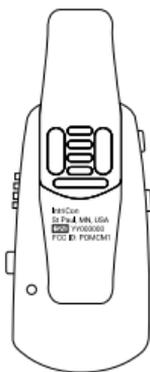
Voice prompt
'Remote 5 Maximum'
'Remote 4'
'Remote 3'
'Remote 2'
'Remote 1 Minimum'

### **Note:**

Whilst using your companion microphone, once you reach volume levels 1 and 5, the volume will no longer be able to increase or decrease. You will hear the 'Minimum' and 'Maximum' prompts to indicate that the volume cannot be increased or decreased any further.

## Labeling

The serial number (S/N) is located on the hearing device as an 8-digit number. The first two digits of the S/N represent the year of manufacture (i.e. '20' refers to 2020). The last six digits are a unique identifier. All eight numbers create the serial number of the device.



## Basic troubleshooting

Problem	Possible cause	Solution
Your companion microphone will not turn on and off.	Power button is not pressed long enough.	Press and hold the power button for at least two seconds, until you see the LED light sequence.
	Battery is flat.	Charge your companion microphone.

Volume cannot be changed using your companion microphone.	Companion microphone is not paired with your Lexie hearing aid.	Pair your hearing aid to your companion microphone.
No sound in your hearing aid.	Hearing aid is not set to the 'Companion Mic' listening environment/ program.	Change your hearing aid to the 'Companion Mic' listening environment/ program.
	Companion microphone and hearing aid are out of wireless range.	Reduce the distance between your companion microphone and your hearing aid to 3-5 feet.
	Companion microphone is off.	Turn on your companion microphone.
	Companion microphone is out of power.	Charge your companion microphone.
Hearing aids drop out of 'Companion Mic' listening environment/ program.	The hearing aid battery is so low that it cannot support streaming.	Replace the battery in your hearing aid.
Companion microphone will not pair.	Companion microphone is not turned on.	Turn on your companion microphone.

## Caring for your companion microphone

Follow these instructions closely to care for your companion microphone and to prolong the life of your product:

- Familiarize yourself fully with the user manual before using the companion microphone to ensure personal safety and correct use.
- Consult customer support if you experience unexpected operations or performance.
- Do not drop your companion microphone or knock it against hard surfaces.
- Protect your companion microphone from excessive heat.
- Regular use of a dehumidifier can help prevent corrosion and prolong the life of your companion microphone.
- Do not immerse your companion microphone in water.
- Do not wear your companion microphone whilst bathing, showering, swimming, or in a damp atmosphere, like steam baths or the sauna.
- If your companion microphone gets wet, do not attempt to dry it in an oven or microwave. Do not adjust any controls or use your companion microphone until the device is completely dry.

# Warnings

 These WARNINGS point out situations that could cause serious injuries to the user or the device.

## ***General warnings***

- Keep the device and accessories out of the reach of children under three years old.
- Your companion microphone has been designed and treated to protect against water damage, however, for best results, avoid exposure to water, rain, or other liquids to protect it against damage.
- Keep cables and lanyard away from operating machinery. If your companion microphone overheats, is dropped, damaged, or dropped in liquid, discontinue use and contact a hearing expert in our Contact Centre.
- Your companion microphone should only be used as directed by a hearing healthcare provider.
- Do not use your companion microphone in explosive or oxygen-enriched areas. Do not use the companion microphone where it is forbidden to use electronic devices.
- Do not use your companion microphone during CT and MRI scans or for other electromagnetic procedures.
- Opening your companion microphone may damage it.

## ***Use in wireless restricted areas***

- Your companion microphone uses a wireless function to stream audio to a connected hearing aid. Turn it off in any wireless restricted area like on airplanes or in hospitals.

## ***Battery/charging warnings***

- Do not charge your companion microphone while it is on your or someone else's body.
- Unplug the charger from the electrical plug and the product when not in use.
- Leaving the companion microphone in hot locations may reduce the capacity and lifetime of the battery. Battery performance is limited in temperatures below freezing.
- Do not attempt to open your companion microphone to replace the battery. It is built-in and cannot be replaced.
- Only charge your companion microphone with the power supply unit that has been supplied with your companion microphone.
- Do not dispose of your companion microphone or its battery as household waste or in a fire. Batteries may catch fire or explode if damaged.

## Service and warranty

If you believe your companion microphone is faulty contact Lexie Hearing at:

**Call:** (779) 212-7334

**E-mail:** support@lexiehearing.com

Lexie Hearing offers you a one year warranty, valid starting from the date of purchase. The warranty covers repairs in case of processing and material errors.

 **Note:**

No warranty claims will be considered if the companion microphone shows normal wear and tear, improper handling or care, exposure to chemicals, immersion in water, or undue stress. In case of damage caused by third parties or non-authorized service, the Lexie Hearing warranty is invalid.

## FCC information

### **FCC ID: POMCM1**

Per FCC 15.19(a)(3) and (a)(4), this device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

**Note:**

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**Radio equipment directive information:**

The equipment operates in the ISM 2.4 GHz band (2.40 – 2.4835 GHz), using a proprietary audio streaming protocol, and the maximum RF Power transmitted in that band is 5.0 dBm EIRP.

**Statement concerning the use of hearing instruments and life-sustaining implants**

- Lexie Hearing strongly advises users of hearing instruments to always follow the guidance set out in this hearing instrument user manual. When life-sustaining implants ("implants") (like pacemakers) are used along with hearing instruments, Lexie Hearing strongly advises users to always follow the guidelines of the implant manufacturer as well.
- If you suspect any interference to your implant, please immediately stop using all other electronic devices, including your hearing instruments, and contact the manufacturer of the implant as well as Lexie Hearing to advise about the suspected interference.
- To ensure our hearing instruments can operate safely and effectively close to other electronic devices, Lexie Hearing hearing instruments have been proven to meet the requirements of the international standard for

electromagnetic compatibility (EMC) IEC 60601-1-2, IEC 60118-13, and ANSI C63.19.

- Life-sustaining implants are required to comply with the standards described in ANSI/AAMI/ISO 14117 on securing electromagnetic compatibility with other electronic devices including hearing instruments. As a consequence, implants complying with the ANSI/AAMI/ISO 14117 standards should continue to operate within the requirements of basic safety and essential performance when used with hearing instruments from Lexie Hearing.

## Technical information

Operating Range	Over 80 feet
Power Supply	Non-replaceable Lithium Polymer battery recharged with External wall adapter.
Wireless	2.4 GHz
Operating and Charging Temperature	32 to 111 °F
Storage Temperature	-4 to 113 °F
Microphone	Switchable Omni- and Uni-directional.

## Contact us

Distributed by hearX USA, Inc.  
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**support@lexiehearing.com**  
**www.lexiehearing.com**



For additional information on the use of these hearing aids, visit **www.lexiehearing.com**.

## Information and description of symbols

-  With the CE symbol, Lexie Hearing confirms that this product – including accessories – meets the requirements of the Medical Device Directive 93/42/EEC as well as Radio Equipment Directive 2014/53/EU. A copy of the Declaration of Conformity can be obtained from Lexie Hearing. The numbers after the CE symbol correspond to the code of certified institutions that were consulted under the above-mentioned directives.
-  The symbol with the crossed-out garbage bin is to make you aware that this hearing device and batteries may not be disposed of as normal household waste. Please dispose of old or unused hearing devices at waste disposal sites intended for electronic waste, or give your hearing device to your hearing healthcare provider for disposal. Proper disposal protects the environment and the public's health.
-  This symbol indicates important information on handling and product safety.
-  This is the symbol of caution and warning. This is a safety symbol used to highlight that there are specific warnings or precautions associated with the devices that are not otherwise found on the label.
-  This is the symbol to keep the device dry.
-  Telecoil compatible assisted listening device
-  This symbol indicates the manufacturer's serial number. The serial number is located on part as an 8- digit number. The

last 6 digits represent the serial number.

-  Indicates the manufacturer's catalog number so that the medical device can be identified.
-  Indicates the medical device manufacturer, as defined in EU Directive 93/42/EEC.
-  Indicates the year of manufacture. The first 2 digits of the serial number (assume 2 digits are preceded by "20"; e.g. "14" = the year 2014)
-  Consult instructions for use.
-  The symbol for fragile, handle with care.
-  During transport or storage, the temperature should not exceed the limit values of 14° to 158° Fahrenheit (-10° to 70° Celsius) for a long period of time.
-  The air pressure range between 500 and 1100 hPa is appropriate.
-  During transport or storage, the relative humidity should not exceed the limit values of 10% to 95% for a long period of time.







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