

Your StarLink Edge Table Microphone User Manual



Accessory for:

Wireless LE Audio compatible hearing aids

Cautions

The Table Microphone is designed to comply with Standards of International Electromagnetic Compatibility. However, it is still possible that you may experience interference caused by power line disturbances, airport metal detectors, electromagnetic fields from other medical devices, radio signals and electrostatic discharges.

The Table Microphone is designed to be cleaned with a damp cloth moistened with soapy water.

If you use medical devices or wear implantable medical devices such as defibrillators or pacemakers and are concerned that your Table Microphone might cause interference with your medical device, please contact your physician or the manufacturer of your medical device for information about the risk of disturbance. The Table Microphone should not be used during an MRI procedure or in a hyperbaric chamber. The Table Microphone is not formally certified to operate in explosive atmospheres such as may be found in coal mines or certain chemical factories.

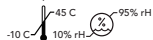
Use on Aircrafts

The Table Microphone should not be used on aircrafts unless specifically permitted by the flight personnel.

International Use

The Table Microphone is approved to operate at radio frequencies that are specific to your country or region and might not be approved for use outside your country or region.

Be aware that operation during international travel may cause interference with other electronic devices, or other electronic devices may cause interference with your Table Microphone.



Your Table Microphone is designed to operate, be stored, and be transported within the temperature range of 0 to 40 degrees C and relative humidity range of 10%-95%, and altitude limits 70 kPa – 106 kPa (equivalent to altitudes from 1,200 ft (380 m) below sea level to 10,000 ft (3,000 m)).

We are required by regulations to provide the following warnings:

WARNING: Use of the Table Microphone directly next to other electronic equipment should be avoided because it could result in improper performance. If such use is necessary, note as to whether your hearing aids and the other equipment are operating normally.

WARNING: Use of accessories, components or replacement parts other than those provided by the manufacturer of the Table Microphone could result in increased electromagnetic emissions and decreased electromagnetic immunity and could result in degradation of performance.

WARNING: If Portable Radio Frequency communications equipment is used closer than 30cm (12") from your Table Microphone, degradation of the performance of your hearing aid could result. If this occurs, move away from the communications equipment.

Although the Table Microphone is not formally certified (IP rated) for protection against dust or water ingress, per IEC 60529, it has been tested to the IP 52 level. This means that the Table Microphone is protected from dust. The battery in your Table Microphone is not replaceable. Do not attempt to replace the battery. The Table Microphone does not contain any user-serviceable parts. Do not open or modify it.

Do not connect the Table Microphone to any devices not described in this manual. The expected service life of the Table Microphone is 3 years.

WARNING:

- This product shall not be connected to power supply source exceeding 15W.
- Battery cannot be subjected to high or low extreme temperatures, low air pressure at high altitude during use, storage, or transportation.
- Replacement of a battery with an incorrect type that can result in a fire, explosive hazard, or the leakage of flammable liquid or gas.
- Disposal of a battery; in fire, a hot oven, by mechanically crushing or cutting, can result in fire or explosive hazard.
- Leaving a battery in an extremely high temperature environment can result in fire, an explosive hazard, or the leaking of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in a fire, explosive hazard, or the leakage of flammable liquid or gas.

WIRELESS NOTICES

FCC ID: 2AS2V-LE10

IC: 24964-LE10(Model LE10)

FCC/IC Notice

This device complies with part 15 of the FCC rules and with ISSED Canada's license-exempt RSS standard(s). 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 undesired operation of the device.

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.

Hereby, Nuance Hearing declares that Starkey Laboratories Inc. Table Microphone is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the Declaration of Conformity can be obtained from info@nuancehear.com

Regulatory information

Nuance Hearing
24 Raoul Wallenberg St.
Tel Aviv 6971920
Israel



Nuance Hearing
Packhorse Lane Bibury
Cirencester GL7 5NT
England



Waste from electronic equipment must be handled according to local regulations



Keep dry

Instructions for Disposal of Old Electronics

Starkey Laboratories, Inc. encourages, the EU requires, and your local community laws may require, that your Table Microphone be disposed of via your local electronics recycling/disposal process.

The below instructions are provided for the benefit of disposal/recycling personnel. Please include this manual when disposing of your Table Microphone.

FOR DISPOSAL/RECYCLING PERSONNEL ONLY

This product contains a Lithium-Ion Polymer battery.

To remove this battery:

- Power off the Table Microphone.
- Pry apart the housing halves with a small screwdriver.
- Cut the battery wires from the circuit board to prevent accidental shorting.
- Pry the battery away from the housing using a wide flat blade.

Such modifications could void the user's authority to operate the equipment.

Symbol	Symbol Meaning	Applicable Standard	Symbol Number
	Manufacturer	BS EN ISO 15223-1:2021	5.1.1
	Authorized representative in the European Community	BS EN ISO 15223-1:2021	5.1.2
	Date of Manufacture	BS EN ISO 15223-1:2021	5.1.3
	Catalogue Number	BS EN ISO 15223-1:2021	5.1.6
	Serial Number	BS EN ISO 15223-1:2021	5.1.7
	Keep Dry	BS EN ISO 15223-1:2021	5.3.4
	Temperature Limit	BS EN ISO 15223-1:2021	5.3.7
	Humidity Limitation	BS EN ISO 15223-1:2021	5.3.8
	Caution	BS EN ISO 15223-1:2021	5.4.4
	General warning sign	EC 60601-1, Reference no. Table D.2, Safety sign 2	ISO 7010-W001
	Refer to instruction manual/booklet	EC 60601-1, Reference no. Table D.2, Safety sign 10	ISO 7010-M002
	Collect Separately	DIRECTIVE 2012/19/EU (WEEE)	Annex IX
	Class II equipment	IEC 60417 Reference no. Table D.1	Symbol 9 (IEC 60417- 5172)
	Regulatory Compliance Mark (RCM)	AS/NZS 4417.1:2012	N/A
	Direct current	IEC 62368 Reference no. Table D.1	IEC 60417-5031
	Recycling Symbol	European Parliament and Council Directive 94/62/EC	Annex I-VII

Congrats on your new Table Microphone!

Your Table Microphone is designed to improve listening in noise by allowing you to focus on the primary speaker in multiple-speaker settings, like meetings or family gatherings, and connect with the world around you.

Use this simple manual to get started.

Package contents:

- Table Microphone
- Power adapter
- USB-to-USB-C cable
- Pouch
- Hanger with lanyard
- Silicone case
- User manual

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Meet your Table Mic

Overview

1. USB-C jack

- Rechargeable via USB-to-USB-C cable.

2. Directional touch keys

Manual selection of a single or multiple directions.

3. Segments

- Indicates the selected direction(s).
- Operational indicators show:
 - Charging status
 - Power
 - Battery status
 - Pairing status
 - Volume

4. Mute Mode

- When middle circle only is illuminated - the device is muted.

5. Automatic mode button

One tap will reset the device to an automatic mode. Five segments will illuminate with one brighter than the other. The microphones will detect speech and indicate its direction with the brighter LED.

6. Power button

Turns the Table Mic **ON/OFF**.

7. Volume up (+) and down (-) buttons

Adjust stream volume.

8. Microphones

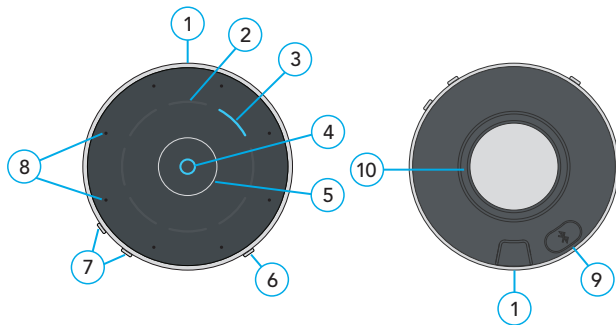
There are eight built-in microphones to pick up speaker's voice. A segment light aligns with each microphone.

9. Hearing aid pairing button

Pairs and connects to hearing aid(s).

10. Magnetic interface for hanger

To use for remote microphone mode.



Set up your Table Mic

Power ON/OFF

Use the power button to turn your Table Mic **ON** or **OFF**:

- **ON** – press the power button for 3 seconds and release. The green segments will light one by one to indicate the battery charge level.



- **NOTE:** If the Table Mic needs to be charged, see *Charge your Table Mic* on p. 20.

- The center circle LED will illuminate as well as one segment on either side as the table mic connects to your hearing aids. This may take approximately 5 seconds.



- **OFF** – press the power button for 3 seconds and release. Segments will light up green and turn off one by one while device powers down.



To pair with hearing aids:

Before using your Table Mic for the first time, you'll need to pair it with your hearing aid(s). This allows your accessory to recognize your hearing aids so they can work together.

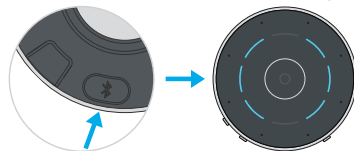
STEP 1: Turn ON your Table Mic.

STEP 2: Turn your hearing aids OFF and ON.

- If your hearing aid is rechargeable, place it in the charger for 3 seconds and remove. If your hearing aid has a battery, open and close the battery door.
- **For CROS hearing aid systems:** Turn OFF your hearing aid and CROS transmitter. Next, turn **ON** your hearing aid but leave the CROS transmitter **OFF**.

STEP 3: Pair your Table Mic with your hearing aid(s):

1. Ensure your hearing aids are not connected to nearby Bluetooth® devices:
 - Turn **OFF** Bluetooth on your mobile phone.
 - Turn **OFF** any wireless accessories already paired to your hearing aids.
2. Place your hearing aids within 6 inches (15 cm) of your Table Mic.
3. Press the hearing aid pairing button for 2 seconds and place the Table Mic face up on a stable surface with the power button and volume buttons facing you. The blinking blue brackets indicate Bluetooth is ready to pair.



4. For a **set** of hearing aids: the volume and on/off button should be facing you

Left Bracket	Right Bracket	Pairing result	Next step
		Both hearing aids paired.	Complete
		Only left hearing aid paired.	Repeat 1-3
		Only right hearing aid paired.	Repeat 1-3
		No hearing aids paired.	Repeat 1-3

5. For a **single** hearing aid:

Left Bracket	Right Bracket	Pairing result	Next step
		Left hearing aid paired.	Complete
		Right hearing aid paired.	Complete
		Left hearing aid not paired.	Repeat 1-3
		Right hearing aid not paired.	Repeat 1-3

Done! Head to the next page to start using your Table Mic.

Use your Table Mic

Your Table Mic is an assistive listening device. It streams audio directly to your wireless hearing aids.

Key use modes:

- **Table Microphone:** streaming voices from around the table. It can automatically detect the direction of the voice or can be manually set in a specific direction. To manually select microphone direction, touch a segment to illuminate the LED. Tap the middle circle to return the device to automatic.
- **Remote microphone:** streaming the voice of the person wearing the Table Mic. For details, see *How to Wear your Table Mic* on p. 19.

To use your Table Mic:

STEP 1:

Check that your hearing aids are ON.

Reminder – Before streaming audio for the first time, ensure your hearing aids are paired to your Table Mic. See p. 10.

NOTE: Typical wireless operating range is up to 50 feet (15m). This may be shortened by environmental factors (e.g., obstructions, interference, position of people). Wider operating ranges may be possible, however, your audio or connection quality may decrease.

STEP 2: Start/stop streaming audio.

- **Turn On the Table Mic:**

Audio streaming automatically starts in hearing aid.

- **Turn Off the Table Mic:**

Audio streaming automatically stops in hearing aid.

STEP 3: Adjust the streaming volume.**Do one of the following:**

- Press the **Volume up (+) or down (-) button** on the Table Mic.
- Move the **volume slider** on the Accessories screen of your compatible mobile app.
- Press (or tap) your **hearing aid user controls**.*

STEP 4: Phone or media stream interruption:

- If you receive a phone call or start a stream from your phone your table microphone stream will be interrupted.
- The center circle LED will illuminate as well as one segment on either side during the interruption.
- When the phone call or media stream ends, the table microphone stream will restart. The LEDs will return to previous state.

**Segments**

The segments identify how your Table Mic is currently operating.

Operational

A top-down view of the circular Table Microphone. The top segment of the outer ring is highlighted in green, indicating it is illuminated.	Product orientation For best performance, make sure the Table Mic Volume and Power buttons are facing you.
A top-down view of the circular Table Microphone. The top segment of the outer ring is highlighted in green, indicating it is illuminated.	Volume + Green top segment illuminates when volume is increased.
A top-down view of the circular Table Microphone. The bottom segment of the outer ring is highlighted in green, indicating it is illuminated.	Volume - Green bottom segment illuminates when volume is decreased.

Pairing Hearing Aid

	Blinking blue brackets Searching for hearing aid(s).
	Solid green brackets Hearing aid pairing successful.
	Solid red brackets Hearing aid pairing unsuccessful.

See p. 10 for details on pairing a set of hearing aids or a single hearing aid.

Conversation Streaming

	Automatic Automatic mode indicator - five segments light up blue, one is brighter to indicate the direction of focus.
	Manual Up to eight blue segments indicate selected listening direction(s).
	Surround All blue segments indicate listening in all directions.
	Mute Manually close all segments, the middle circle will be illuminated. Tap the middle circle and the device will return to Automatic - 5 segments illuminated.

Tabletop

Place your Table Mic in the middle of a table to listen to a group of people. For best speech understanding, always bring your Table Mic as close to the conversation partner(s) as possible.

	Automatic Five segments light up blue, one is brighter to indicate the direction of focus. The Table Mic follows the main speaker automatically. Tap the middle to return the device to Automatic from any other mode.
	Manual single speaker Tap segments to focus on a specific speaker.
	Multi-speaker Tap additional segments to focus on an additional speakers.
	Surround Tap all segments to listen to multiple people in quiet settings. Tap the middle to return to Automatic mode.

Wearing the Table Mic

Your Table Mic can be worn on a lanyard, using the hanger provided, by the person speaking. It's best to place it within 8 inches (20 cm) of the speaker's mouth.



Lanyard instructions:

1. Attach the magnetic hanger to the back of the Table Mic. Make sure the hanger is attached and secure.
2. Place lanyard around the neck. To adjust the length, hold the cylinder and pull the closure.
3. When the Table Mic is worn by the speaker the top indicator will light up for 3 seconds.



How your Table Mic helps

Conversation Streaming Modes

The Table Mic is a versatile, intelligent product. It follows the main speaker in quiet or noisy settings automatically to provide you the best speech understanding possible. The Table Mic allows you to override the automatic mode and manually any or all of the 8 segments. The Surround mode is optimized for a large group discussion in quiet settings. In addition, the Table Mic can be worn by a distant speaker in noisy settings.

Charge your Table Mic

To charge your Table Mic:

1. Attach the USB-C end of the charging cable to the USB-C jack on your Table Mic.
2. Attach the USB end of the charging cable to the jack on the power adapter.
3. Plug the power adapter into an external power source, like a wall outlet.
4. Check the charging status using the segments on your Table Mic. See next page.



Segment status	Charging status
	Green segments indicate battery charge level. The blinking green segment indicates the current level. All green segments will illuminate when the battery is fully charged.
	Orange segments indicate less than 2 hours of battery life.
	Red segment indicates less than 1 hour of battery life. Blinking red segment indicates a dead battery.

A full charge powers the Table Mic for up to 10 hours of streaming. Your Table Mic will fully charge in about 2 hours.

Troubleshooting guide

Problems with your Table Mic? Try these tips. If issues continue, contact your hearing care professional.

Symptom	Possible causes	Solutions
One (or both) hearing aids unexpectedly drops out of audio streaming.	Hearing aids may be on the edge of wireless range.	Move closer to Table Mic.
	Battery level in hearing aid can no longer support audio streaming.	• Replace hearing aid battery with a new one, if applicable. • Recharge your hearing aid, if applicable.
	Large object, such as furniture or a wall, may be degrading signal.	For best performance, your hearing aids should be within line-of-sight of Table Mic.
	Wireless connection with Table Mic was lost.	To restart the audio stream, follow steps in the <i>Start/Stop Audio Streaming</i> on p. 14.
	Hearing aid out of sync.	Power hearing aid off and then back on.

Symptom	Possible causes	Solutions
Streamed audio quality is distorted.	Low battery level in Table Mic.	Recharge Table Mic. See <i>Charge your Table Mic</i> on p. 20.
	Hearing aids may be on the edge of wireless range.	Move closer to Table Mic.
Audio stream is too loud or too soft.	Volume streamed from Table Mic to hearing aid not optimal.	Press volume + or – button on Table Mic.
Table Mic Mode: Difficult to hear speaker in noisy environments.	Table Mic may be too far from speaker.	Move Table Mic closer to speaker's mouth.

Symptom	Possible causes	Solutions
Remote Mic Mode: Difficult to hear speaker in noisy environments.	Table Mic may be covered by clothing or poorly positioned.	Provide clear access from Table Mic to speaker's voice. Best results when the mic is within 8" of the speakers mouth.
No streamed sounds are heard in the hearing aids.	Hearing aids are not paired with Table Mic.	Follow steps in <i>Pair to your hearing aid(s)</i> on p. 11.
	Dead battery in Table Mic or hearing aid.	Fully charge all equipment.

[illegible]

Notes

Notes



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Patent: www.starkey.com/patents