

# Table Microphone

OPERATIONS MANUAL



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## Package Contents

- Table Microphone
- Power adapter & USB-to-MicroUSB cable
- Plugs for up to four territories:
  - United States
  - Europe
  - Australia
  - United Kingdom
- Operations Manual
- Pouch
- Wired earphones with ear tips & ear fins
- TV streaming cable
- Hanger with lanyard
- Silicone case

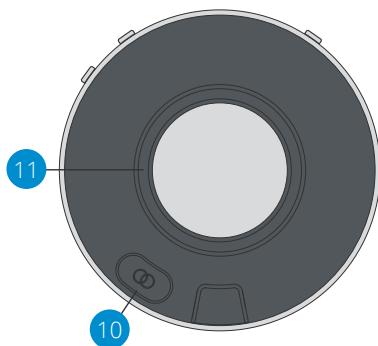
### Overview

Starkey® Hearing Technologies Table Microphone is an assistive listening device and TV streamer. It streams audio directly to your 2.4 GHz wireless hearing aids.

Key use modes:

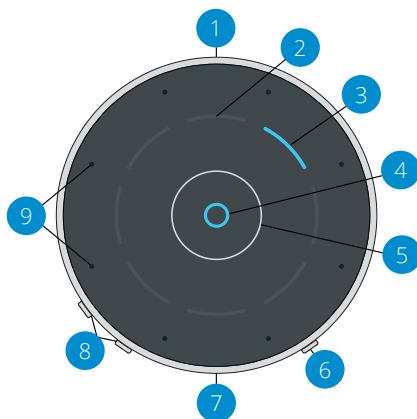
- Table Microphone: streaming the target voice from a selected direction in the following modes:
  - o Automatic
  - o Manual
    - Single direction
    - Dual direction
  - o Surround
- Remote Microphone: streaming the voice of the person wearing the device
- TV Streamer: streaming audio via line-in microUSB

**Streaming** – Audio or sound transmitted wirelessly from the Table Microphone directly to your hearing aids.



**10.** Hearing aid pairing button

**11.** Magnetic interface for  
hanger



- |                             |                           |
|-----------------------------|---------------------------|
| 1. MicroUSB jack            | 7. 3.5mm audio input jack |
| 2. Directional touch keys   | 8. Volume +/- buttons     |
| 3. Segments                 | 9. Microphones            |
| 4. Automatic mode indicator |                           |
| 5. Mode-switching button    |                           |
| 6. Power button             |                           |

**7. 3.5mm audio input jack**

- For connecting wired earphones

**8. Volume +/- buttons**

- Adjust stream volume

**9. Microphones**

- Pick up speaker's voice

**10. Hearing aid pairing button**

- Pairs and connects to hearing aid(s)

**11. Magnetic interface for hanger**

- For Remote Microphone mode



### 1. **MicroUSB jack**

- Rechargeable via USB-to-MicroUSB cable
- Streams audio via TV streaming cable

### 2. **Touch keys**

- Manual selection of a single or dual direction

### 3. **Segments:**

- Indicates the selected direction(s)
- Operational indicators, show:
  - Charging status
  - Power
  - Battery status
  - Pairing status
  - Volume
  - Line-in/out connectivity

### 4. **Automatic mode indicator**

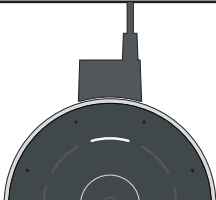
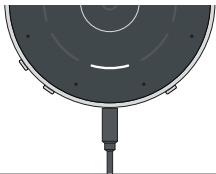
- On indicates Automatic mode
- Off indicates Surround or Manual mode

### 5. **Mode-switching button**

- Switches between Automatic and Surround modes

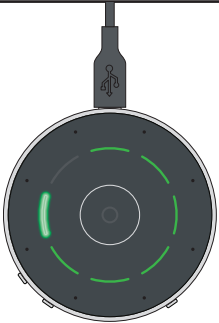
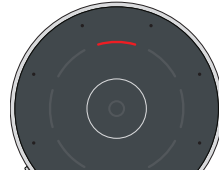
### 6. **Power button**

- Press to turn power on/off

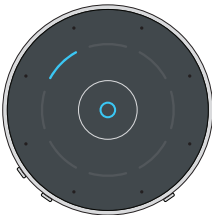
|                                                                                     |                                                                                                                                        |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>Product orientation</b></p> <p>For best performance, make sure the Table Microphone Volume and Power buttons are facing you.</p> |
|    | <p><b>Line-in</b></p> <p>White top segment blink indicates line-in connection (e.g., TV audio).</p>                                    |
|    | <p><b>Line-out</b></p> <p>White bottom segment blink indicates line-out connection (earphones).</p>                                    |
|   | <p><b>Volume +</b></p> <p>White top segment blinks when volume is increased.</p>                                                       |
|  | <p><b>Volume -</b></p> <p>White bottom segment blinks when volume is decreased.</p>                                                    |

## Indicators

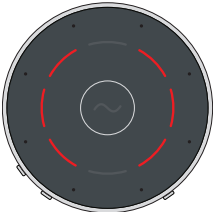
### Operational Indicators

|                                                                                     |                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>Recharging</b></p> <p>Green segments indicate battery charge level. Each segment represents 1 hour. The blinking green segment indicates the current level. If charging during use, all green segments will briefly interrupt other indicators when the battery is fully charged.</p> |
|   | <p>Orange indicates less than 2 hours of battery life.</p>                                                                                                                                                                                                                                  |
|  | <p>Red indicates less than 1 hour of battery life.</p>                                                                                                                                                                                                                                      |

## Conversation Streaming Indicators

|                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  A circular diagram representing a speaker's listening area. It features a central small circle, a middle ring, and an outer ring. A single solid blue arc is positioned on the middle ring, indicating the active listening direction.  | <p><b>Automatic</b></p> <p>Automatic mode indicator (O) solid blue.</p> <p>Blue segment indicates active listening direction.</p> |
|  A circular diagram representing a speaker's listening area. It features a central small circle, a middle ring, and an outer ring. Two solid blue arcs are positioned on the middle ring, indicating selected listening direction(s).    | <p><b>Manual single/dual</b></p> <p>One or two blue segments indicate selected listening direction(s).</p>                        |
|  A circular diagram representing a speaker's listening area. It features a central small circle, a middle ring, and an outer ring. Multiple dashed blue arcs are positioned on the middle ring, indicating listening in all directions. | <p><b>Surround</b></p> <p>All blue segments indicate listening in all directions.</p>                                             |

**Pairing Hearing Aid Indicators**

|                                                                                    |                               |                                   |
|------------------------------------------------------------------------------------|-------------------------------|-----------------------------------|
|   | <b>Blinking blue brackets</b> | Searching for hearing aid(s).     |
|   | <b>Solid green brackets</b>   | Hearing aid pairing successful.   |
|  | <b>Solid red brackets</b>     | Hearing aid pairing unsuccessful. |

See "Pairing" on page 13 for more details about pairing monaural or binaural hearing aids.

## Pairing

For the Table Microphone to interact with your hearing aids, you must first pair it with each hearing aid. You only need to perform this action once, as the Table Microphone and hearing aids should automatically recognize each other when both are powered on and within wireless operating range.\*

To pair the Table Microphone with your hearing aids:

1. Ensure your hearing aids are not connected to nearby Bluetooth® devices. To do this,
  - Disable Bluetooth on your mobile phone.
  - Power off any nearby Starkey Hearing Technologies TV or Remote Microphone + accessories, which you previously paired to your hearing aids.
  - Power off, then power on your hearing aids.

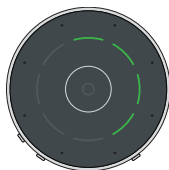
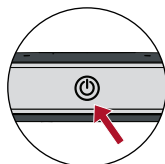
**Note:** For a CROS hearing aid system, power off both your hearing aid and CROS transmitter. Power on only your hearing aid, ensuring the CROS transmitter remains powered off.

*\*Typical operating range is up to 10 meters (~30 feet). Operational range may be reduced by environmental factors, such as obstructions, interference, and human body positioning. Larger operational distances are achievable, though audio quality and connectivity may decrease.*

## Basic Use

1. To turn on Table Microphone, press the power button.
2. The green segments indicate the battery charge level.
3. Ensure your hearing aids are powered on.

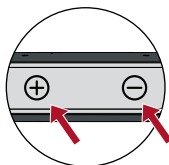
**Note:** Prior to streaming audio for the first time, your hearing aids will need to be paired to the Table Microphone. Refer to **Pairing with Hearing Aids** "Pairing" on page 13.



4. To start audio streaming, open the Thrive® Hearing Control app and select Start Streaming from Accessories screen.

Refer to **Start/Stop Audio Streaming** on page 20 for additional options.

5. To adjust the stream volume, press the + or - button.
6. To stop streaming turn off the Table Microphone.



Refer to **Start/Stop Audio Streaming** on page 20 for additional options.

## 4. For a set of hearing aids:

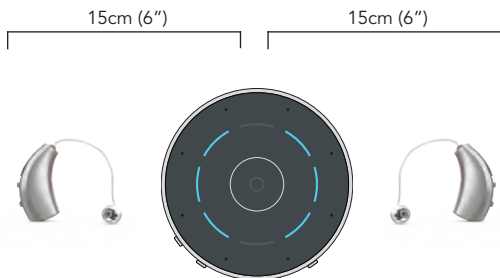
| Left Bracket | Right Bracket | Pairing Result                 | Next Step          |
|--------------|---------------|--------------------------------|--------------------|
| (            | )             | Both hearing aids paired.      | Complete           |
| (            | )             | Only left hearing aid paired.  | Repeat steps 1 – 3 |
| (            | )             | Only right hearing aid paired. | Repeat steps 1 – 3 |
| (            | )             | No hearing aids paired.        | Repeat steps 1 – 3 |

## 5. For a single hearing aid:

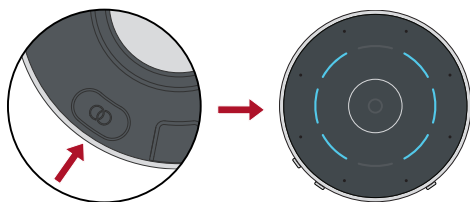
| Left Bracket | Right Bracket | Pairing Result                | Next Step          |
|--------------|---------------|-------------------------------|--------------------|
| (            |               | Left hearing aid paired.      | Complete           |
|              | )             | Right hearing aid paired.     | Complete           |
| (            |               | Left hearing aid not paired.  | Repeat steps 1 – 3 |
|              | )             | Right hearing aid not paired. | Repeat steps 1 – 3 |



2. Place your hearing aids within 15cm (6") of the Table Microphone.



3. Press the hearing aid pairing button for 2 seconds and place the Table Microphone face up on a surface. The blinking blue brackets indicate Bluetooth is ready to pair.

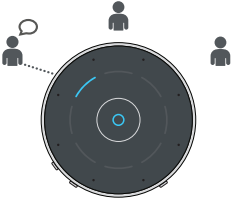


## Conversation Streaming Modes

The Table Microphone 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 Microphone allows you to override the automatic mode and manually select up to two speakers among the group. The Surround mode is optimized for a large group discussion in quiet settings. In addition, the Table Microphone can be worn by a distant speaker in noisy settings.

### Tabletop

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

|                                                                                                            |                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Automatic</b></p>  | <p>When the Automatic mode indicator illuminates, the Table Microphone follows the main speaker automatically.</p> <p>If the Automatic mode indicator is off, tap the Automatic/Surround touch key to activate it.</p> |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

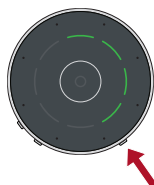
## Daily Use

### Power On

Press the Power button for 1 second and release.

### Power Off

Press the Power button for 1 second. The green indicators will show the battery level, and the product will be turned off.



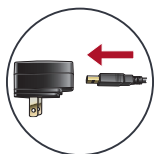
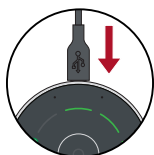
### Battery Low

The active direction indicator(s) illuminate in red. In parallel, a beep is transmitted to the hearing aids every 15 minutes.



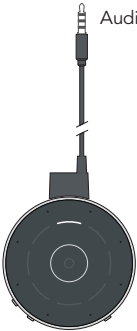
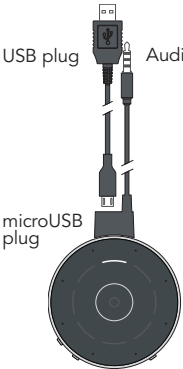
### Battery Recharge

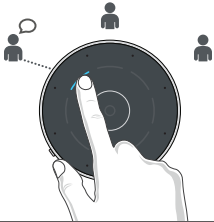
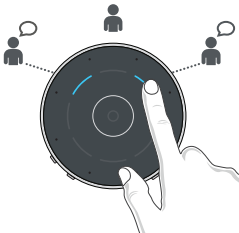
Attach the microUSB end of the charging cable to the microUSB jack in the Table Microphone. Attach the USB end of the charging cable to the USB jack in the power adapter. A full charge powers the Table Microphone for up to 12 hours of streaming. Charging time takes about 2 hours to fully charge the device.



## TV Audio Streaming (Line-in)

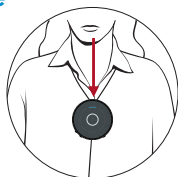
Streaming audio from your TV to your hearing aids

|                                                                                                                                           |                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Audio plug</p>                                       | <p>Insert the TV streaming cable in the Table Microphone microUSB jack.</p> <p>Insert the 3.5mm audio plug of the TV streaming cable in the TV's audio jack.</p>                                                                                                                                            |
|  <p>USB plug</p> <p>Audio plug</p> <p>microUSB plug</p> | <p>To recharge the Table Microphone while streaming audio from your TV, you can insert the microUSB plug of the charging cable into the TV streaming cable microUSB jack.</p> <p>Insert the USB plug of the charging cable into the Power Supply jack.</p> <p>Plug the Power Supply in the wall outlet.</p> |

|                                                                                                                       |                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Manual single speaker</b></p>  | <p>Tap any segment to focus on a specific speaker.</p>                                                                                                               |
| <p><b>Manual dual speaker</b></p>    | <p>Tap and hold (1 second) a second segment to focus on an additional speaker.</p>                                                                                   |
| <p><b>Surround</b></p>              | <p>Tap the Automatic/Surround touch key to listen to multiple people in quiet settings.</p> <p>Tap the Automatic/Surround touch key to return to Automatic mode.</p> |

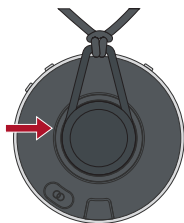
## Wearing the Table Microphone

The Table Microphone can be worn on a lanyard. It should be within 20cm (8") of the speaker's mouth.

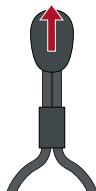


### Lanyard

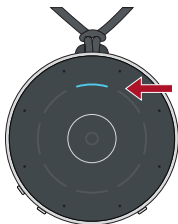
- Attach the magnetic hanger to the back of the Table Microphone. Make sure the hanger is properly inserted and secured.



- Place lanyard around the neck. To adjust the length, hold the cylinder and pull the closure.



- When the Table Microphone is worn by the speaker the top indicator will light up for 3 seconds.



## Start/Stop Audio Streaming

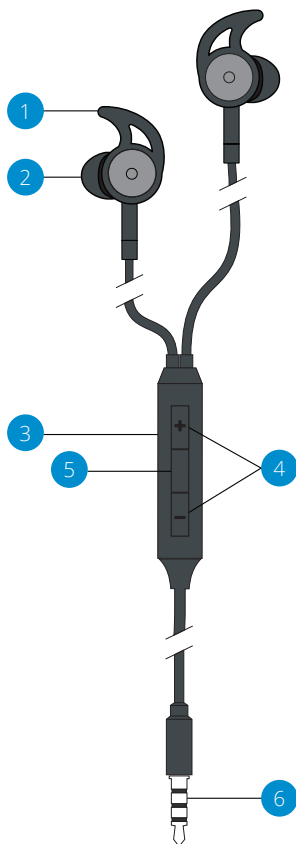
Audio streaming from the Table Microphone may be started or stopped in a variety of ways:

- **Turn On the Table Microphone:** Audio streaming automatically starts in hearing aid.
- **Starkey Hearing Technologies Remote:** If preconfigured by your hearing professional, press the Favorite button.
- **Hearing aid user control:** If preconfigured by your hearing professional, a specific gesture (e.g., a Long Press on a user control) can start/stop streaming.

Audio streaming will also stop when the Table Microphone is turned off.

An audible indicator may play in your hearing aids to signal the start/stop of audio streaming.

## Wired Earphones

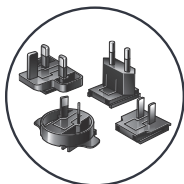




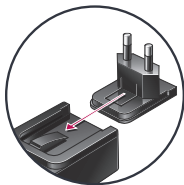
## Assembling the Power Adapter

The Table Microphone may include a variety of plug configurations for use in different countries. If the power adapter requires assembly:

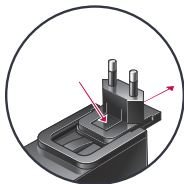
1. Select the appropriate plug configuration used in your country.



2. Slide the plug onto the power adapter until it snaps into place.



3. To remove the plug, press the tab and slide the plug away from the cable.



## Troubleshooting

| 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 Microphone.                                                                                                                     |
|                                                                       | Battery level in hearing aid can no longer support audio streaming. | <ul style="list-style-type: none"> <li>• Replace hearing aid battery with a new one.</li> <li>• Recharge your hearing aid, if applicable.</li> </ul> |
|                                                                       | 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 Microphone.                                                          |
|                                                                       | Wireless connection with Table Microphone was lost.                 | To restart the audio stream, follow steps in the <i>Start/Stop Audio Streaming</i> section.                                                          |
| Streamed audio quality is distorted.                                  | Low battery level in Table Microphone.                              | Recharge Table Microphone.                                                                                                                           |
|                                                                       | Volume of audio source is not optimal.                              | Adjust volume level of audio source until better sound quality is achieved.                                                                          |
| Streamed audio quality is inconsistent.                               | Bluetooth device may be on the edge of wireless range.              | Move Bluetooth device closer to Table Microphone.                                                                                                    |
| Audio stream is too loud or too soft.                                 | Volume streamed from Table Microphone to hearing aid not optimal.   | Press volume + or – button on Table Microphone.                                                                                                      |

- 1. Ear fins (small/medium/large)**
  - Optional for secured, personal fit
- 2. Ear tips (small/medium/large)**
  - For personal fit
- 3. Inline control**
  - Quick access to essential features
- 4. Volume +/-**
  - Adjust conversation-streaming volume
- 5. Mode-switching button**
  - Switches between Automatic and Surround modes
- 6. 3.5mm audio plug**

## Safety Information

### Required Information



Waste from electronic equipment must be handled according to local regulations.

### Instructions for Disposal of Old Electronics

Starkey Hearing Technologies encourages, 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.

### Intended Use

The Table Microphone is an assistive listening device which transmits sound via wired earphones or to a 2.4 GHz wireless air conduction hearing aids. When worn by a distant speaker or used in noisy environments, it functions as a Remote Microphone. It also functions as a TV Streamer when connected to the TV's audio output.

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.

| SYMPTOM                                                                     | POSSIBLE CAUSES                                                   | SOLUTIONS                                                                                                                                              |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Table Mic Mode:</u><br>Difficult to hear speaker in noisy environments.  | Table Microphone may be too far from speaker.                     | Move Table Microphone closer to speaker's mouth.                                                                                                       |
| <u>Remote Mic Mode:</u><br>Difficult to hear speaker in noisy environments. | Table Microphone may be covered by clothing or poorly positioned. | Provide clear access from Table Microphone to speaker's voice.                                                                                         |
| No streamed sounds are heard in the hearing aids.                           | Hearing aids are not paired with Table Microphone.                | Follow steps in <i>Pairing</i> section.                                                                                                                |
|                                                                             | No incoming audio signal is available.                            | <ul style="list-style-type: none"><li>• Turn on the electronic audio source.</li><li>• Unmute or increase volume on electronic audio source.</li></ul> |
| Device is not responding.                                                   | Possible error condition.                                         | Press power button for 8 seconds to force shutdown.<br>Turn on as usual.                                                                               |

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.

## **Wireless Technical Description**

The Table Microphone operates in the 2.4-2.4835 GHz band with a maximum effective radiated power of 8 dBm with transmission modulation type of 1M12FXD and 1.1 MHz bandwidth. The receiver section of the radio has a bandwidth of 2 MHz.

If you use other 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 and be stored within the temperature range of -10°C (14°F) to 45°C (113°F) and relative humidity range of 10%-95%.

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.

**Nuance Hearing**

24 Raoul Wallenberg St.

Tel Aviv 6971920

Israel



**Nuance Hearing**

Packhorse Lane Bibury

Cirencester GL7 5NT

England



This device produces radio frequency energy. Interference may occur in the vicinity of equipment marked with the following symbol.



Dispose of properly



Consult operations manual





## Regulatory Notices

FCC ID: 2AS2V-TM10

IC: 24964-TM10

### FCC/IC Notice

This device complies with part 15 of the FCC rules and with ISED 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 Hearing Technologies 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](mailto:info@nuancehear.com)