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signia

StreamLine Mic

User Guide | Master

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Before you start

CAUTION

Read this user guide thoroughly and completely and follow the safety information in this document to avoid damage or injury.

Introduction

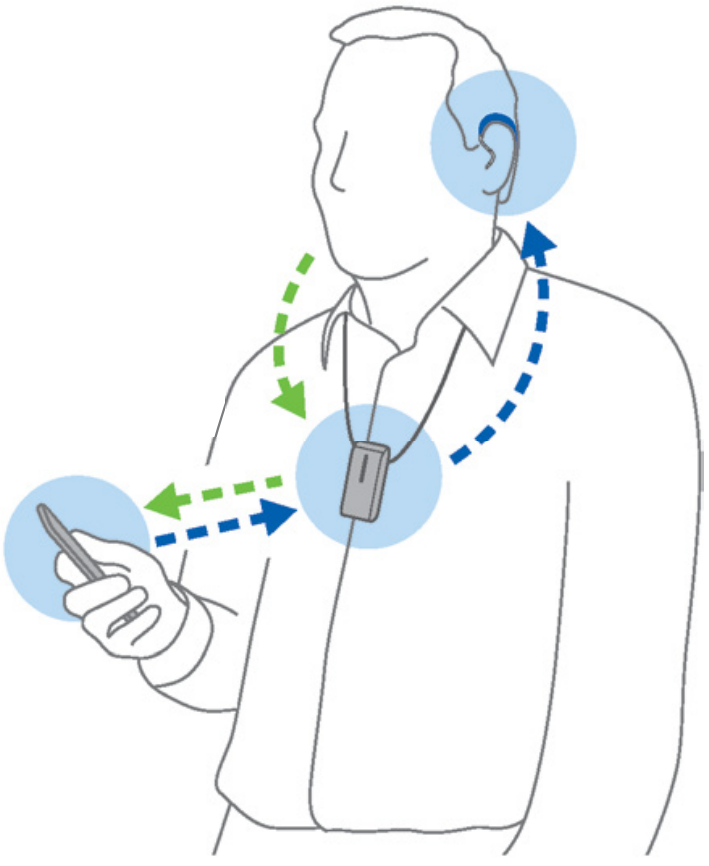
StreamLine Mic uses Bluetooth®* technology to provide the following functions.

* The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by the legal manufacturer of this product is under licenses. Other trademarks and trade names are those of their respective owners.

❶ Headset for smartphones

Sounds from your smartphone will be streamed to your hearing instruments through StreamLine Mic.

Your voice is picked up by StreamLine Mic and sent to your smartphone.

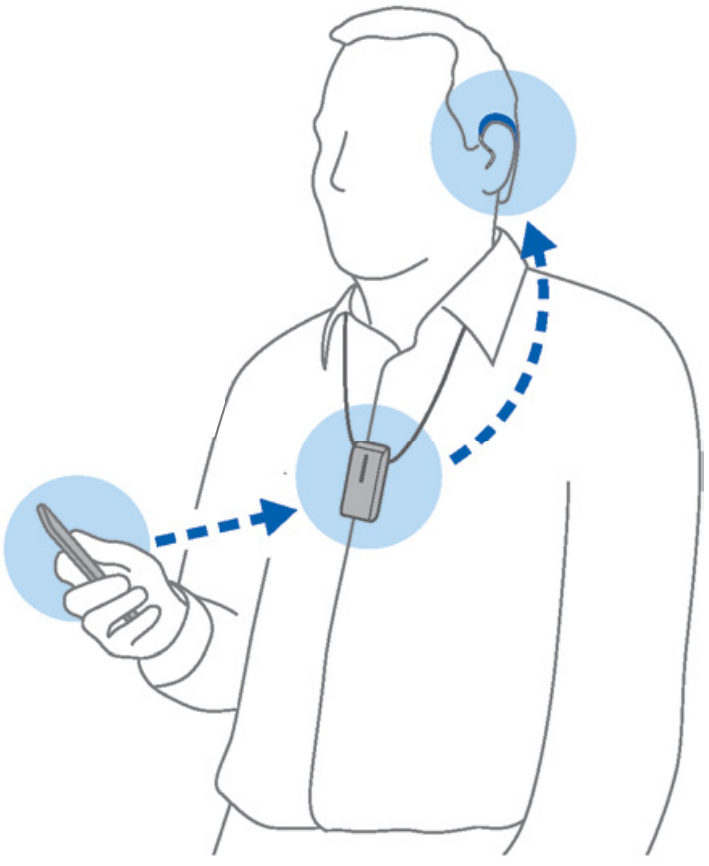


Read more in section "Making phone calls".

❷ Headphones for music

Music from your smartphone or any other Bluetooth device will be streamed to your hearing instruments through StreamLine Mic.

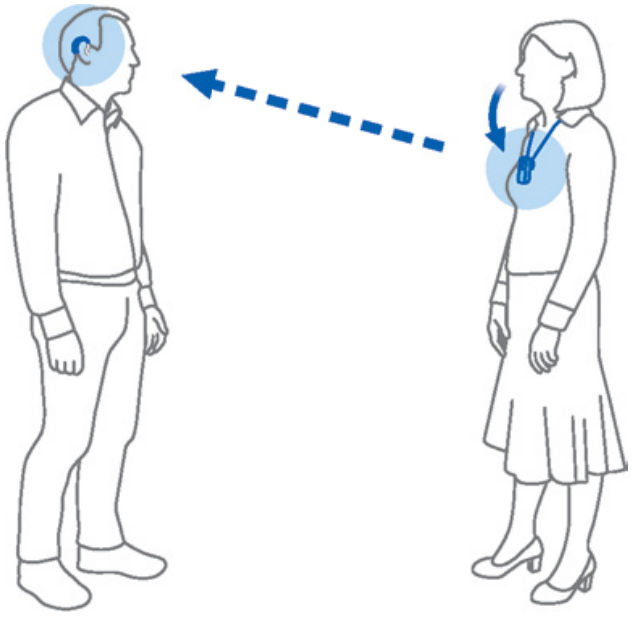
Read more in section "Listening to music".



❸ Remote microphone

The voice of a chosen speaker will be transmitted wirelessly **from** StreamLine Mic **to** your hearing instruments.

Read more in section "Using as remote microphone".



❹ Remote control

When StreamLine Mic is not streaming sound it can be used as a remote control for your hearing instruments.

Read more in section "Using as remote control".

Included in package

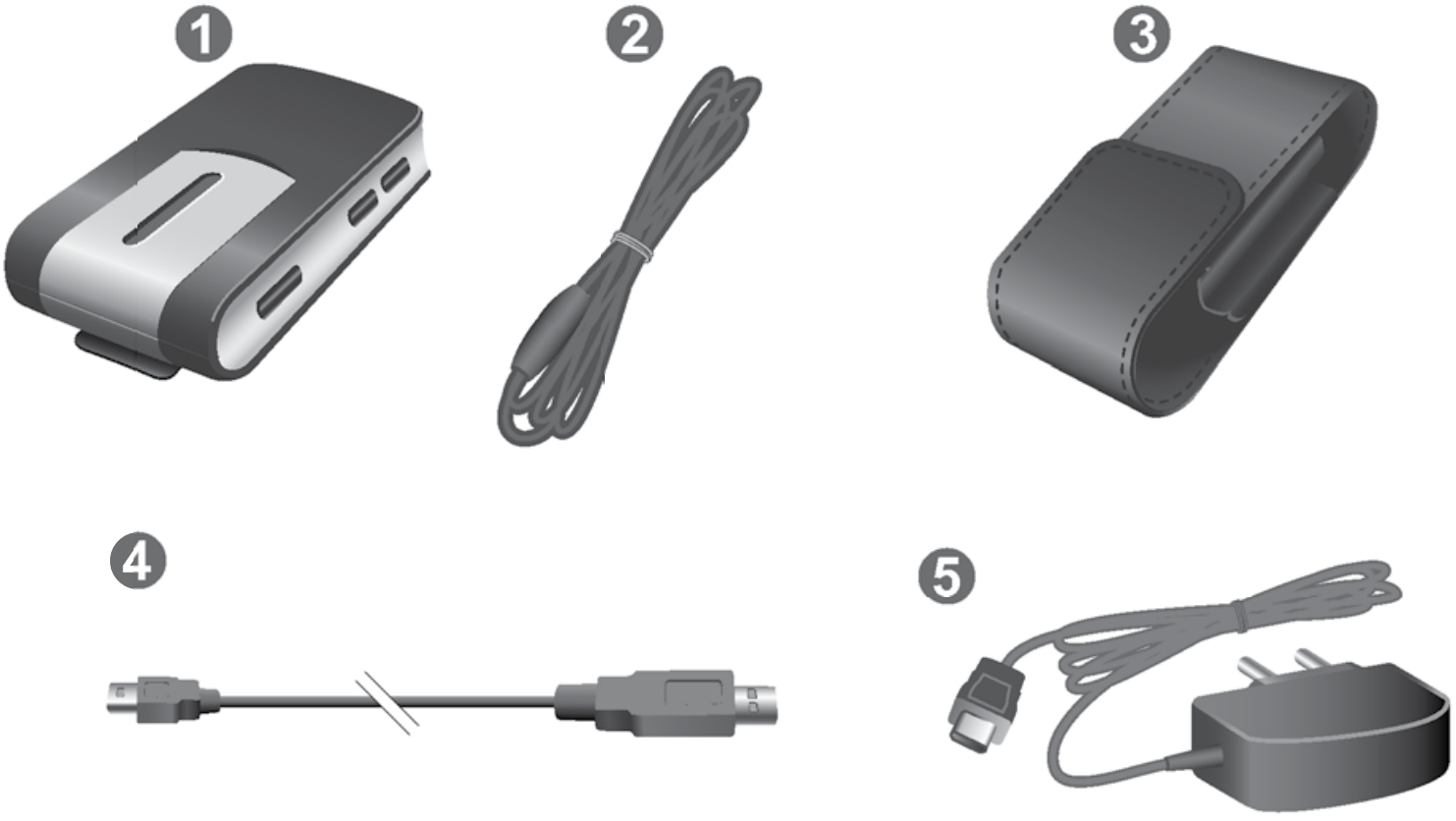
❶ StreamLine Mic

❷ Lanyards (different lengths)

❸ Pouch

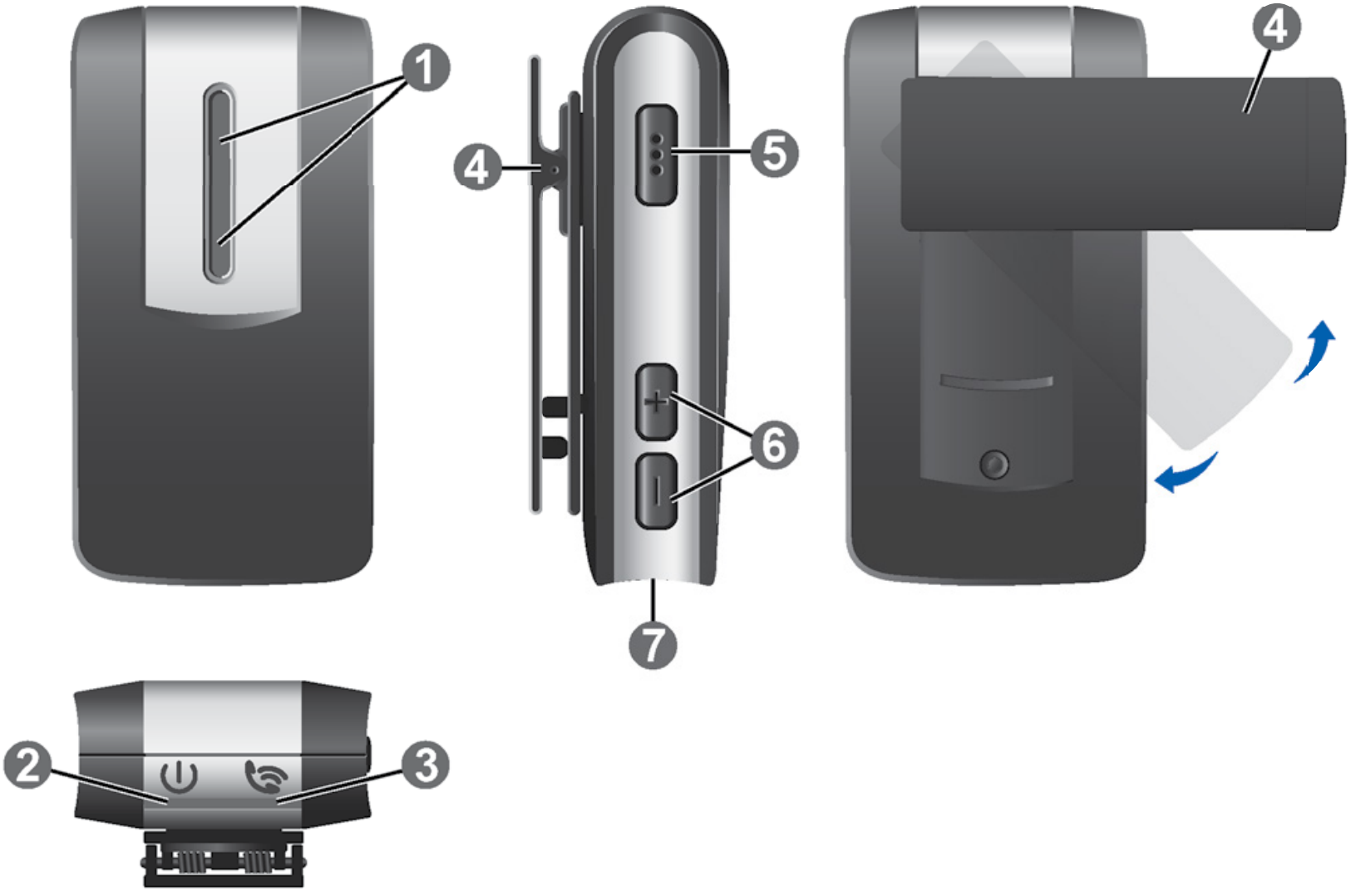
❹ USB cable for charging

❺ USB power cable and power plug (country-specific)


1
2
3
4
5

Components

1. Microphones
2. Power indicator
3. Status indicator
4. Clip (rotating)
5. Multi-function button
6. Volume buttons + and −
7. USB port for charging


1
4
5
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4
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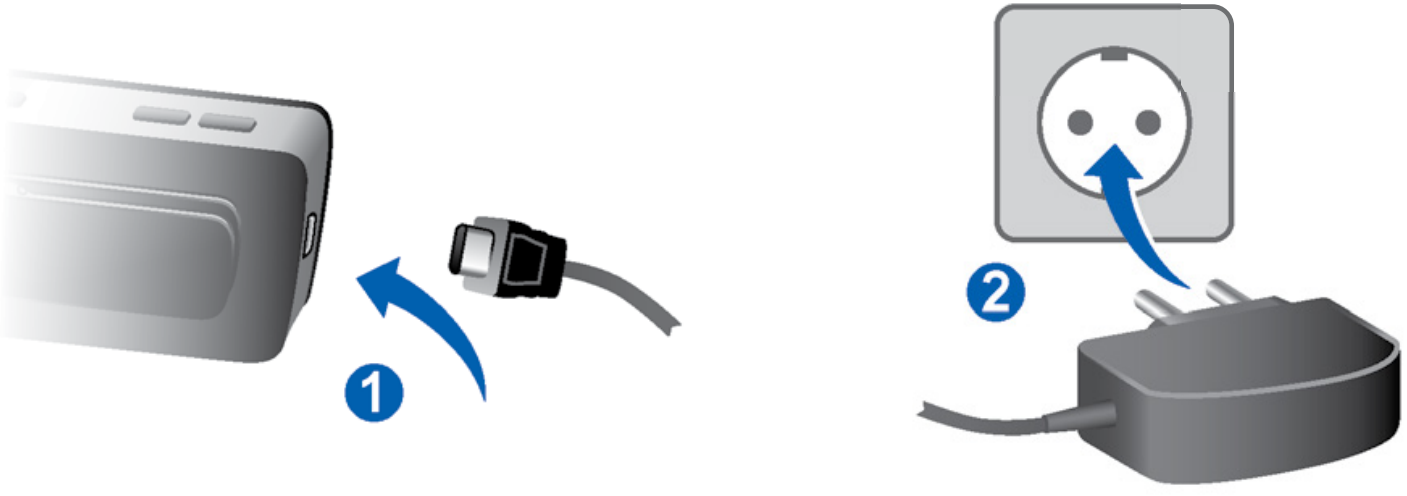
3

Getting started

Charging

StreamLine Mic is partly charged on delivery. Charge it fully before first use.

When the power indicator ⏻ is red ▬ you have approximately 30 minutes remaining streaming time.



The power indicator shows the charging status:

⏻	**Description**
	Battery is low
	Charging (StreamLine Mic is on)
	Charging (StreamLine Mic is off)
	Charging is completed (StreamLine Mic is on)
	Charging is completed (StreamLine Mic is off)

Further information:

- Typically, a full charge takes 2 hours.
- Make sure that the power plug is easily accessible to remove it from power supply if necessary.

Pairing hearing instruments

Your hearing instruments need to be paired **once** with StreamLine Mic. After that, the pairing is saved in the hearing instruments and remembered each time they are turned on.

- Ensure that StreamLine Mic is off: Hold down the ••• button until the power indicator ⏻ is off. This takes approximately 6 seconds.
- Turn the hearing instruments off and on again:

  Open and close the battery compartments. If your hearing instruments do not have a battery compartment, turn them off and on as described in the hearing instrument's user guide.

The hearing instruments are now ready for pairing. You have 3 minutes to complete the pairing.

- Turn on StreamLine Mic: Hold down the button until the power indicator is green. This takes approximately 3 seconds.

  The status indicator flashes yellow.

- Place both hearing instruments close to StreamLine Mic (maximum distance 20 cm or 8 inch). The pairing process starts automatically.

  Pairing is finished when the status indicator is yellow.

Pairing your smartphone or music player

Your smartphone (or music player) needs to be paired once with StreamLine Mic. After that, the connection is automatically established when StreamLine Mic is turned on and within operating distance.

- Hold down the [•••] **and** the [+] button simultaneously until the status indicator flashes blue. This takes approximately 6 seconds.

  StreamLine Mic is now ready for pairing. You have 3 minutes to complete the pairing.
- Set your smartphone or music player to "search for other Bluetooth devices". Refer to the device's manual.
- On your smartphone or music player, select "StreamLine Mic" from the list of detected devices.

▶ If requested, enter the PIN "0000".

Pairing is finished when the status indicator is blue .

Further information

- StreamLine Mic can be **paired** with up to eight Bluetooth devices. But only one device can be **connected** at a time.
- When paired with several devices:
  - StreamLine Mic will connect to the first device it detects.
  - To switch to another device, deactivate Bluetooth on the device(s) that you do not want to use at the moment.

Clear pairings

To clear all pairings of StreamLine Mic with smartphones and music players:

- Turn off StreamLine Mic: Hold down the button until the power indicator is off. This takes approximately 6 seconds.
- Simultaneously hold down the button **and** the + button **and** the − button for 10 seconds.

When the pairings are cleared, the status indicator flashes red. Your hearing instruments remain paired with StreamLine Mic.

Daily use

Turning on/off

Turning on:

- Hold down the button until the power indicator is green. This takes approximately 3 seconds.
  The status indicator flashes yellow until the hearing instruments are connected.

Turning off:

- Hold down the button until the power indicator is off. This takes approximately 6 seconds.

Adjusting the volume

Shortly press [+] or [−] to adjust the volume.

Depending on your hearing instruments' type, the volume is adjusted as follows:

- Possibility 1: While sound is being streamed, only the sound from StreamLine Mic (phone call, speech or music) is adjusted. While no sound is streamed, the volume of the hearing instruments is adjusted.
- Possibility 2: The sound from StreamLine Mic (phone call, speech or music) and the volume of the hearing instruments are adjusted together.

Muting the hearing instrument microphones

Hold down the [−] button for 3 seconds to mute the hearing instrument microphones. Only the sound from StreamLine Mic is played in your hearing instruments.

Depending on your hearing instruments' type, you can unmute the hearing instrument microphones as follows:

- Possibility 1: Hold down the [−] button for 3 seconds.
- Possibility 2: Shortly press [+].

This function may not be available while StreamLine Mic is used as a remote microphone.

❶ Making phone calls

Prerequisites: StreamLine Mic must be connected to a smartphone and it must be worn properly.

Wearing StreamLine Mic properly

StreamLine Mic should be worn as illustrated in the pictures for best possible performance. It is important that the microphone of StreamLine Mic is pointing towards your mouth, and that StreamLine Mic is not covered by clothes etc.

Maximum distance:

- Smartphone — StreamLine Mic: 10 m (33 ft)
- Hearing instruments — StreamLine Mic: 2 m (6.5 ft)

Receiving a call

You will hear a ringtone in your hearing instruments. The status indicator flashes green .

- To accept/end the call, shortly press or accept/end the call with your smartphone.

  While you are in a call, the status indicator is green .
- To reject a call, hold down the button for approximately 3 seconds.

Making a call

When you call someone with your connected smartphone, the call is automatically streamed to your hearing instruments. While you are in a call, the status indicator is green .

This function is not available while StreamLine Mic is used as a remote microphone.

Further information

- **Voice dialing**: When connected to a smartphone, double-press to activate voice dialing (if supported by the smartphone).
- For this kind of connection, StreamLine Mic uses Bluetooth's Hands-Free Profile (HFP).

❷ Listening to music

If StreamLine Mic is connected to a music player through Bluetooth, the music will automatically be played in your hearing instruments. You do not need to operate anything on StreamLine Mic.

While music is streamed, the status indicator is orange .

Maximum distances:

- Music player — StreamLine Mic: 10 m (33 ft)
- Hearing instruments — StreamLine Mic: 2 m (6.5 ft)

Starting/stopping music

▶ Use your smartphone or music player to start/stop the music.

To stop the music, you can also shortly press ••• on StreamLine Mic.

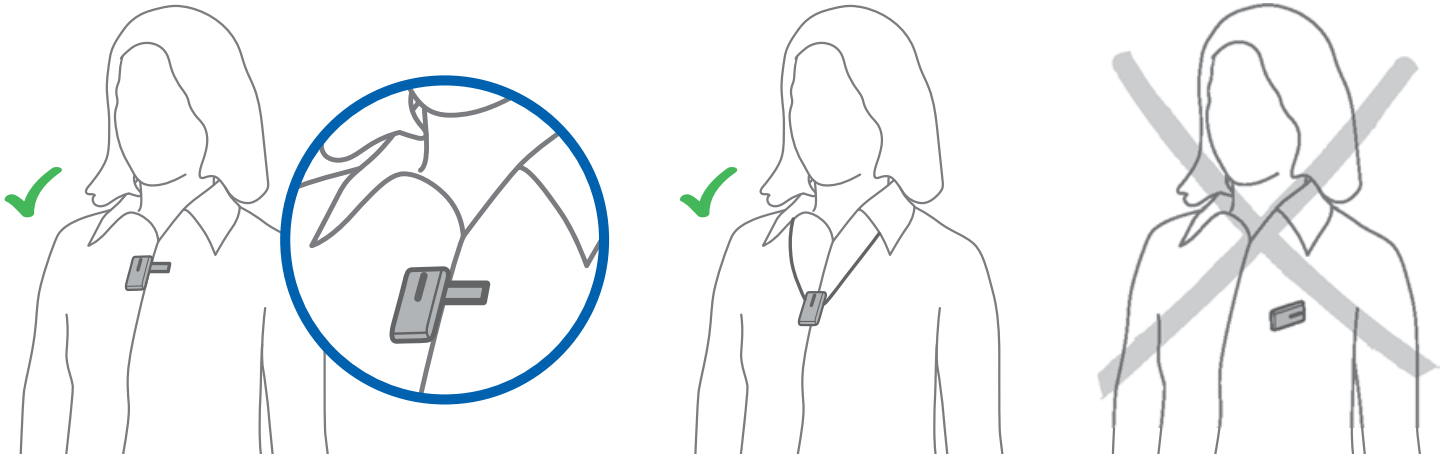
Further information

- For this kind of connection, StreamLine Mic uses Bluetooth's Advanced Audio Distribution Profile (A2DP).
- If music is streamed from your smartphone, incoming calls are indicated while music is played.

❸ Using as remote microphone

The remote microphone function does not start automatically. You have to toggle to the remote microphone mode via the [•••] button.

Wearing StreamLine Mic properly



The speaker should wear StreamLine Mic as illustrated in the pictures for best possible performance. It is important that the microphone is pointing towards the speaker's mouth, and that StreamLine Mic is not covered by clothes etc.

Maximum distance:

- Hearing instruments — StreamLine Mic: 20 m (66 ft)

Turning remote microphone on

▶ Press [•••] for approximately 3 seconds.

The status indicator is magenta. A confirmation tone is played in your hearing instruments.

The remote microphones are turned on. Speech from the person wearing StreamLine Mic is streamed directly to your hearing instruments.

Turning remote microphone off

▶ Hold down the button for approximately 3 seconds. The status indicator is blue (connected to a smartphone) or yellow (not connected to a smartphone).

Further information

- When using StreamLine Mic as a remote microphone there is no connection to the smartphone. Especially incoming calls are not indicated.
- StreamLine Mic has directional microphones, i.e. microphones that catch the sound from a certain direction.

❹ Using as remote control

StreamLine Mic can also be used as a remote control for your hearing instruments: You can adjust the volume (refer to the section "Adjusting the volume"), mute the hearing instrument microphones (refer to the section "Muting the hearing instrument microphones") or change to the next hearing program (see below).

Maximum distances:

- Hearing instruments — StreamLine Mic: 2 m (6.5 ft)

Changing to the next hearing program

▶ Hold down the [+] button for approximately 3 seconds.

This function is not available while StreamLine Mic is used as a remote microphone.

Important safety information

Personal safety

WARNING

Choking hazard!

Your device contains small parts which can be swallowed.

- Keep hearing instruments, batteries and accessories out of reach of children and mentally disabled persons.
- If parts have been swallowed consult a physician or hospital immediately.

WARNING

Risk of strangulation!

- Ensure that the lanyard does not get entangled, e. g. in moving mechanical parts of machines.
- Use only the delivered breakaway lanyard. It will automatically detach when entangled.
- Do not use the lanyard for children under the age of twelve.

WARNING

Risk of electrical shock!

- Do not use obviously damaged devices and return them to point of sale.

WARNING

Note that any unauthorized changes to the product may cause damage to the product or cause injury.

- Use only approved parts and accessories. Ask your Hearing Care Professional for support.

WARNING

The safety of recharging batteries using a USB connector is determined by the external equipment.

- When the USB connector is connected to equipment plugged into a wall outlet, this equipment should be UL approved or comply with IEC 60065, IEC 60950 or other equivalent safety standards.

WARNING

The safety of the use of this device when connected to external equipment (via auxiliary input cable, via USB cable, or directly), is determined by the external equipment.

- When connected to external equipment plugged into a wall outlet, this equipment must comply with IEC 60065, IEC 60950 or other equivalent safety standards.

WARNING

Risk of explosion when the rechargeable battery is handled wrong.

- Do not short circuit, pierce, crush or disassemble the rechargeable battery.
- Do not place it in oven or fire.
- Do not immerse it in water.
- Charge the rechargeable battery between 0 °C and 45 °C.
- To repair or exchange the rechargeable battery, return the device to your Hearing Care Professional.

WARNING

Active implants

- Caution must be taken with active implants. If you have an active implant, contact the manufacturer of your implanted device for information about the risk of disturbance.

WARNING

This device may interfere with measuring and electronic equipment.

- Do not use your device on airplanes or areas where sensitive or life-supporting electronic equipment is used.

WARNING

Risk of explosion!

- Do not use your device in explosive atmospheres (e. g. in mining areas).

Product safety

NOTICE

- Protect your devices from extreme heat. Do not expose them to direct sunlight.

NOTICE

- Protect your devices from high humidity.

NOTICE

- Do not dry your devices in the microwave oven.

NOTICE

Different types of strong radiation, e. g. during X-ray or MRI head examinations, may damage devices.

- Do not use the devices during these or similar procedures.

  Weaker radiation, e. g. from radio equipment or airport security, does not damage the devices.

In some countries restrictions for the usage of wireless equipment exist.

- Refer to local authorities for further information.

NOTICE

Your devices are designed to comply with international standards on electromagnetic compatibility but interference with nearby electronic devices could occur. In this case, move away from the source of interference.

Important information

Intended use

This device is intended as a wireless receiver and transmitter of sound between hearing instruments and the surrounding environment, including speech and wireless audio devices. This device also enables wearers of wireless hearing instruments to control the functionality of their hearing instruments.

It is intended to be used by children (> 36 months) and adults together with their hearing instruments.

Status and power indicator overview

Status indicator

	Description
	Flashing yellow Searching for hearing instruments.
	Yellow Idle mode: Connected to hearing instruments. **Not** connected to a smartphone or other device.
	Flashing blue StreamLine Mic is visible to a smartphone for pairing purpose.

	Description
	Blue Phone mode: Connected to a smartphone.
	Flashing green Incoming call.
	Green In a call.
	Orange Streaming music.
	Magenta Remote microphone mode.

	Description
	Flashing magenta Reconnecting remote microphone.

Power indicator

	Description
	Red Battery is low.
	Flashing green Charging while turned on.

	Description
	Green fades off Charging is completed and StreamLine Mic is turned on.
	Green Turned on, not charging.
	Flashing orange Charging while turned off.
	Orange Charging is completed and StreamLine Mic is turned off.

Explanation of symbols

Symbols used in this document

⚠	Points out a situation that could lead to serious, moderate, or minor injuries.
!	Indicates possible property damage.
i	Advice and tips on how to handle your device better.

Symbols on the device or packaging

CE	CE compliance label, confirms compliance with certain European Directives, refer to section "Conformance information".

Symbols on the device or packaging

	EMC and radio communications compliance label Australia, refer to section "Conformance information".
	Indicates the legal manufacturer of the device.
	Do not dispose of the device with general domestic waste. Read more in section "Disposal information".
	Read and follow the instructions in the user guide.

Maintenance and care

NOTICE

- Do not put your device in water!
- Do not clean your device with alcohol or benzine.

- Clean the device as necessary with a soft tissue.
- Avoid abrasive cleaning liquids with additives such as citric acids, ammonia, etc.

Technical information

Compatible hearing instruments

StreamLine Mic works with our specific wireless hearing instruments. Your Hearing Care Professional will advise you on the compatible models.

Operating, transport, and storage conditions

Operating conditions

Temperature	5 to 40 °C (41 to 104 °F)
Relative humidity	15 to 93 %, non-condensing

During extended periods of transport and storage, please observe the following conditions:

Transport and Storage	
Temperature	-20 to 70 °C (-4 to 158 °F)

WARNING

Risk of injury, fire or explosion during shipment.

- Ship StreamLine Mic according to local regulations.

For other parts, such as hearing instruments, other conditions may apply.

Technical data of the power supply

Input voltage:	100-240 V AC
Input current:	max. 0.2 A at 100 V AC
Input frequency:	47-63 Hz
Output voltage:	5 V DC
Output current:	max. 1 A

Disposal information

Recycle devices, accessories and packaging according to local regulations.

Conformance information

The CE mark indicates conformity with the following European directives:

- 93/42/EEC concerning medical devices
- 2014/53/EU RED concerning radio equipment
- 2011/65/EU RoHS concerning the restriction of hazardous substances

The full text of the declaration of conformity can be obtained from www.signia-hearing.com/doc.

Wireless functionality

This device contains a radio transceiver using Bluetooth EDR, Bluetooth low energy (BLE) and a proprietary short range radio technology all working at

2.4 GHz. The 2.4 GHz radio transmitter is weak and always below 17 dBm e.i.r.p. in total radiated power.

This device complies with international standards concerning radio transmitters, electro-magnetic compatibility and human exposure.

FCC and ISED compliance information can be found on the back of the device.

The ACMA compliance mark indicates conformity with the electromagnetic interference standards set by the Australian Communications and Media Authority (ACMA).

Devices with the FCC marking comply with the standards of the FCC regarding electromagnetic interference.

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Part 15 of the FCC Rules and with ISED's licence-exempt RSSs.

Operation is subject to the following two conditions:

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

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:

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

- Connect the equipment to 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.

FCC caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Risk mitigations (for internal use only)

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M11 | explosion | device 40
M15, M210 | choking | ACC 34
M20_1/4 | heat | ACC 40
M20_2/4 | humidity | ACC 40
M20_3/4 | microwave | ACC 41

M20_4/4 | Xray | ACC 41
M23 | wireless interference | device 42
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