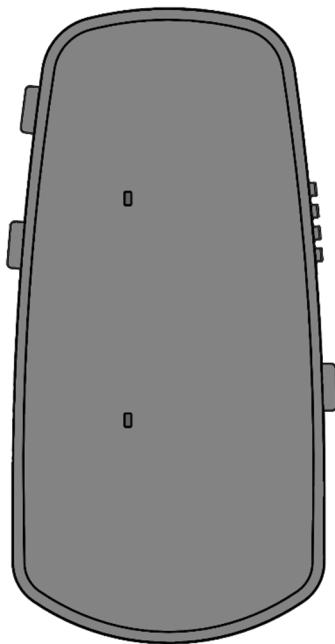


Companion Microphone CM-1

User Manual



Introduction to this booklet

The User Manual guides you in how to use and maintain the Companion Mic, an optional accessory to your hearing device. Please read the User Manual carefully.

Intended Use

The Companion Microphone is an optional accessory for your hearing device. It is used to help you listen to speech or other audio signals. A hearing device 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.

Companion Microphone Purchase & Warranty Information

Date Purchased:
Place UDI label or record serial number here:

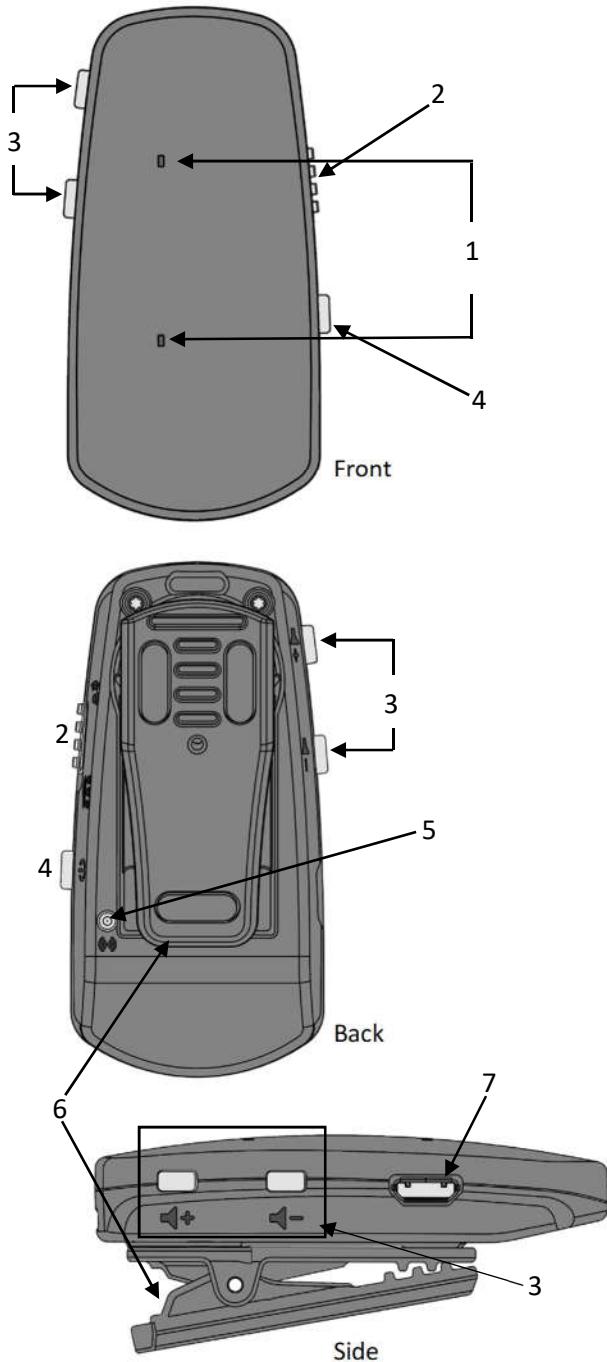
NOTE: the FDA's Universal Device Identification (UDI) system is intended to provide rapid and accurate identification of medical devices, including hearing aids, using the unique UDI number, and to provide easy access to important information about the device through the Access GUDID portal located at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

For more information on warranty for your Companion Mic, please refer to the "Service and Warranty" section.

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Companion Microphone at a Glance



1. **Microphone Inlets** – Captures audio and sound for the Companion Mic.
2. **Omni/Directional Switch** – The switch will turn change 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 device on and off.
5. **Pairing Button** – Press the pair button to initiate the pair sequence.
6. **Removable Clip** – The clip is used to attach Companion Microphone to the speaker.
7. **Micro USB Charging Port** – Used to charge the companion mic.



For additional information on the use and operation of these hearing devices after reviewing the contents of this instruction guide, contact your hearing healthcare provider, or visit www.intricon.com.

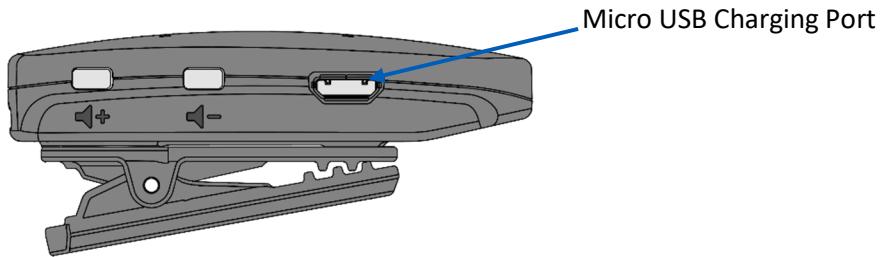
LED Light Behavior Guide

The table below shows the LED behavior on the Companion Mic.

Function	LED Behavior
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 Mic

The Companion Microphone has a rechargeable battery. Charge your Companion Microphone before using. To charge the Companion Microphone, plug the charging cable into the Micro USB charging port with the other end plugged into the wall plate. Then plug the wall plate into the outlet.



During the charging process, the LED indicator will continuously flash red lights. When it is fully charged, the flashing lights will become green.

Charging an empty battery will take approximately one hour. 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 IntriCon.



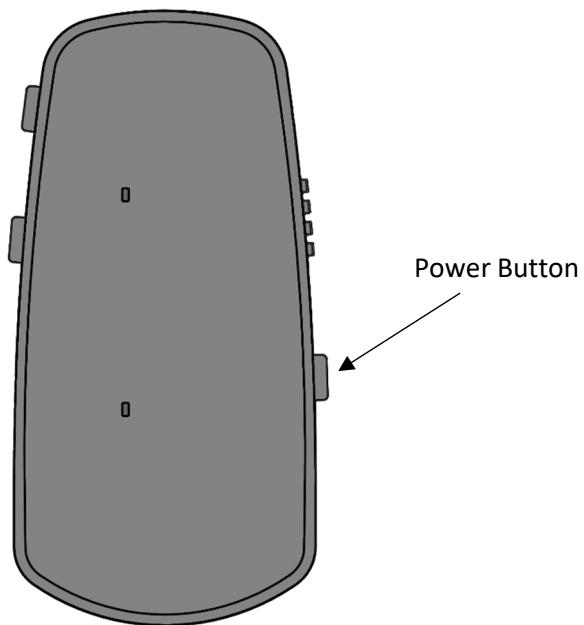
Warning: Do not charge the Companion Microphone while it is on your body.

Turning your Companion Microphone On and Off

To turn the Companion Microphone on, push and hold down the Power Button for at least two seconds – until you see the green LED light.

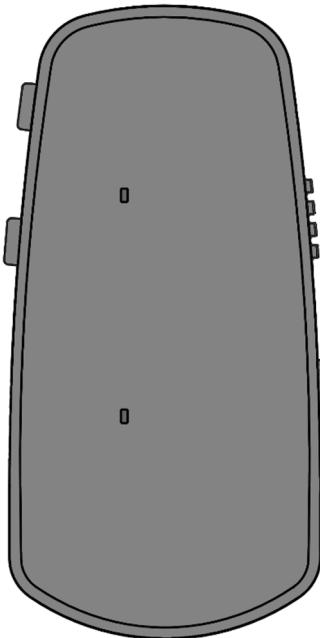
To turn the Companion Microphone off, press and hold down the Power Button for at least two seconds – until you see the red LED light.

Function	LED Behavior
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.	



Pairing your Companion Microphone and Hearing Device

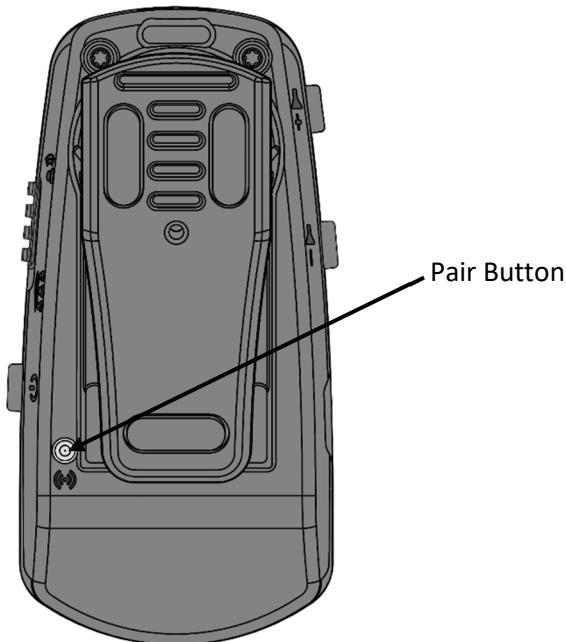
The Companion Microphone unit is compatible with the Lumen 155. You must pair the Companion Microphone to your hearing device(s).



To pair the Companion Microphone with your hearing device(s):

1. Open the battery door to turn off the hearing device.
2. Turn on the Companion Microphone and press the Pair button on the back of the Companion Microphone. The LED will blink blue while in pairing mode.
3. Within 30 seconds, close the battery door(s) to turn on the hearing device(s) that you are pairing. Once your hearing device(s) are paired successfully, you will hear a “Paired” prompt through your hearing device(s).

NOTE: If you do not have a Companion Mic, please ask for one from your hearing healthcare provider.



Streaming

Once the Companion Microphone is turned on, it is automatically streaming.

The hearing device paired with the Companion Microphone needs to be set up to receive the stream. Streaming needs to be set up by your hearing healthcare provider on your hearing device as a program. When using the Companion Microphone, you should push the program button on the hearing device to set it on the streaming program.

To stop streaming, turn off the Companion Microphone.

Microphone Directionality

The Companion Microphone can be used for picking up the voice from one speaker or used as a microphone to pick up multiple voices at a time.

One Speaker (Directional Microphone Mode)

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

Multiple Speakers (Omni Microphone Mode)

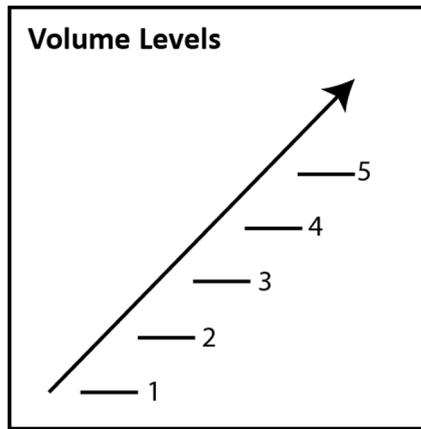
When the Companion Microphone is being used for more than one speaker, the Companion Microphone should be placed horizontally on a flat surface close to a group of people.

Operating Instructions – Volume Control

The volume control buttons allow you to increase and decrease volume levels of the companion microphone, so it is louder or softer. When the hearing aid is mixing the audio of the hearing instrument's built-in microphone with the audio from the companion microphone, changing the companion microphone volume changes the mix. The volume will default to a center position when powered on.

If the voice prompts are turned on, you will hear voice prompts when you reach the maximum or minimum volume setting.

If the voice prompts are turned off, you will hear a single beep signal during each incremental change.

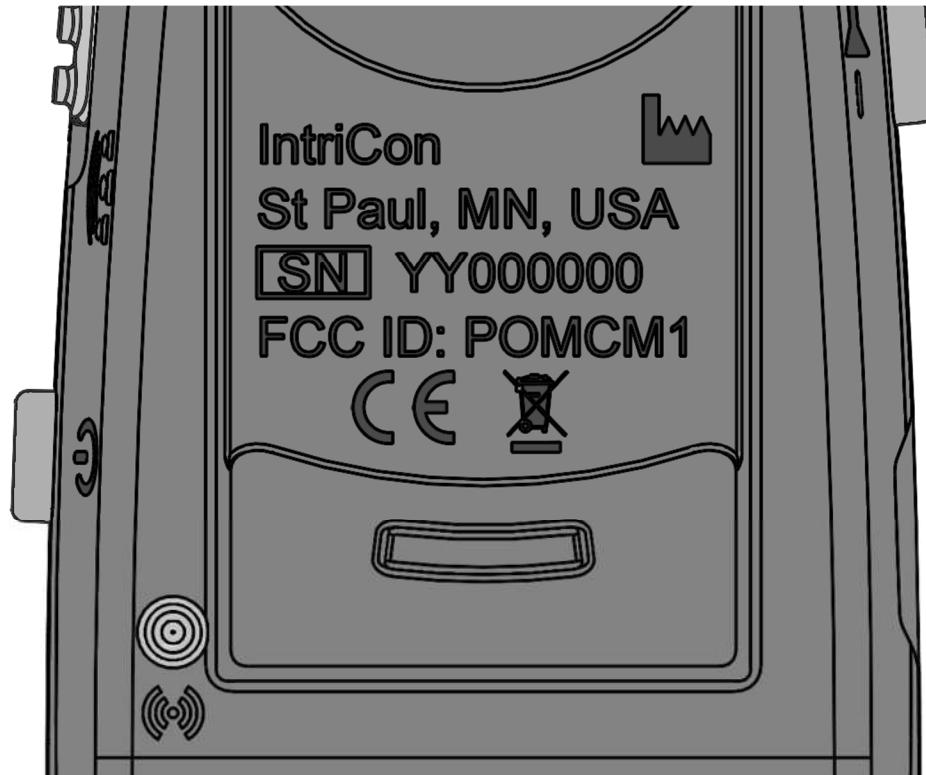


Voice Indicator
"Remote 5 Maximum" *
"Remote 5"
"Remote 4"
"Remote 3" (default at power on)
"Remote 2"
"Remote 1"
"Remote 1 Minimum" *

* While using the Companion Microphone, once you reach volume levels 1 and 5, volume will no longer increase or decrease. You will hear the "Minimum" and "Maximum" prompts to indicate that volume cannot be increased or decreased.

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. "15" refers to 2015). The last six digits is a unique identifier. All eight numbers create the serial number of the device.



Trouble Shooting

Symptoms	CAUSE	POSSIBLE REMEDY
The Companion Microphone will not turn on or off	Power button is not pressed long enough	Press and hold the power button for at least 2 seconds and until you see the LED light sequence (refer to page 8)
	Dead battery	Charge the Companion Microphone (refer to page 7)
Volume cannot be changed using the Companion Microphone	Companion Microphone is not paired with hearing device	Pair hearing device to Companion Microphone
No sound in the hearing device	Hearing device is not set to streaming program	Press the program button to set the hearing device to the streaming program
	Companion Microphone and hearing device are out of wireless range	Limit the distance of the wireless communication between the companion microphone and the hearing device to 3-5 feet
	Companion Microphone is off	Turn on the Companion Microphone (refer to page 8)
	Companion Microphone is out of power	Charge the Companion Microphone (refer to page 7)
Hearing device(s) drop out of streaming program	The battery in the hearing device is so low that it cannot support streaming	Replace the battery in your hearing device
The companion microphone will not pair	Companion Microphone is not turned on	Turn on the Companion Microphone (refer to page 8)

Caring for your Companion Microphone



Please use the following instructions to care of your Companion Microphone and to prolong the life of your product:

- You should familiarize yourself fully with the entire contents of this 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 the 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 Companion Microphone in water.
- Do not wear your Companion Microphone while bathing, showering, swimming, or in a damp atmosphere, like steam baths or sauna.
- If your Companion Microphone gets wet, do not attempt to dry it in an oven or microwave. Do not adjust any controls. Do not use the Companion Microphone until the device is completely dry.

Warnings

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



General Warnings

- Keep the device and accessories out of reach of children under three years old.
- The 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 the Companion Microphone overheats, is dropped, damaged, or dropped in liquid, discontinue use, and contact your hearing healthcare provider.
- The Companion Microphone should only be used as directed by your physician or 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 the Companion Microphone during CT and MRI scans or for other electromagnetic procedures.
- Opening the Companion Microphone may damage it. If problems occur, consult your hearing healthcare provider.

Use in Wireless Restricted Areas

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

Battery/Charging Warnings

- Do not charge the 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 product in the hot locations may reduce the capacity and lifetime of the battery.
- Battery performance is limited in temperatures below freezing.
- Do not attempt to open the Companion Microphone to replace the battery. It is built in and cannot be replaced.
- Only charge the Companion Microphone with the power supply unit that has been supplied with the Companion Mic.
- Do not dispose the Companion Microphone or its battery as household waste or in a fire.
- Batteries may catch fire or explode if damaged.

Service and Warranty

Please see your hearing healthcare provider if you believe your hearing instrument needs service. Alternatively, contact IntriCon at:

IntriCon Corporation
1260 Red Fox Road
Arden Hills, MN 55112

IntriCon offers you a comprehensive, worldwide warranty, valid starting from the date of purchase. Please ask your hearing healthcare provider about the term of the warranty valid in the country of purchase. The warranty covers repairs in case of processing and material errors.

Note: No warranty claims will be considered if the hearing device 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 IntriCon warranty is invalid. This warranty does not cover services performed by a hearing healthcare provider at his or her workplace.

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

- IntriCon 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, IntriCon 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 IntriCon to advise about the suspected interference.
- To ensure our hearing instruments can operate safely and effectively in close proximity to other electronic devices, IntriCon 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 IntriCon.

Information and Description of Symbols



With the CE symbol, IntriCon 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 IntriCon. 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 thrown away 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 health.



This symbol indicates important information on handling and product safety.



This is the symbol for 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. Last 6 digits represent the serial number.



Indicates the manufacturer's catalogue 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" = year 2014)



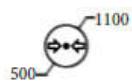
Consult instructions for use



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.

Technical Information

Operating Range	Over 80 feet (25 meters)
Power Supply	Non-replaceable Lithium Polymer battery recharged with External wall adapter
Wireless	2.4 GHz
Operating and Charging Temperature	32 to 113 °F (0 to 45 °C)
Storage Temperature	-4 to 113 °F (-20 to 45 °C)
Microphone	Switchable omni- and uni-directional

Distributor / Trust



IntriCon Corporation
1260 Red Fox Road
Arden Hills, MN 55112, USA

CE 0086

EC REP

CEpartner4U BV
Esdoornlaan 13, 3951DB Maarn,
The Netherlands

 **IntriCon**
The Body-Worn Device Company

