

NITRO® and NITRO 16 CIC

Instruction Manual for NITRO® and NITRO 16
Completely-in-the-Canal and Mini Canal
Hearing Instruments



Siemens Hearing Instruments

SIEMENS

Your NITRO™/NITRO 16 CIC or MC hearing instruments

Your hearing instrument is custom made to fit to the contours of your ear canal. Each instrument can be identified by a serial number found on the outside of the instrument. If the number appears in red, this hearing instrument is for the right ear. If the number appears in blue, this hearing instrument is for the left ear.

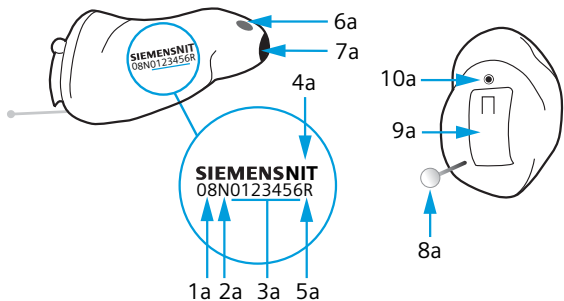


Fig. 1: Right NITRO CIC (Completely-in-the-Canal) hearing instrument

- 1a** 08 – Year manufactured
- 2a** N – Facility code where instrument was manufactured
- 3a** Serial number
- 4a** NIT or NIT 16–model type
- 5a** R or L–Right or Left ear instrument
- 6a** Indicator dot–This dot indicates which ear the instrument fits. A blue dot indicates the left ear, and a red dot indicates the right ear.
- 7a** Receiver
- 8a** Removal strand
- 9a** Battery compartment door
- 10a** Microphone

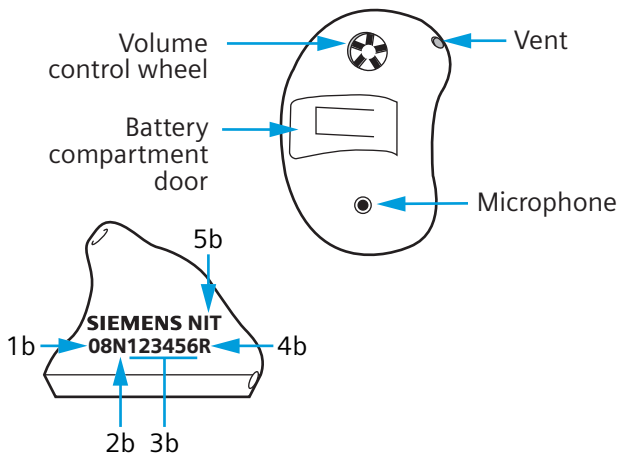


Fig. 2: Right NITRO MC (Mini Canal) hearing instrument

- 1b** 08 – Year manufactured
- 2b** N – Facility code where instrument was manufactured
- 3b** Serial number
- 4b** R or L – Right or Left ear instrument
- 5b** NIT or NIT 16 –model type

Because your hearing instrument was custom made, its appearance may vary from the one that is pictured.

The battery compartment holds the battery that powers the instrument. Position of the battery door may change due to the shape of your ear canal.

The vent hole, which can appear in various locations, provides comfort and pressure release.

Digital Technology

Inside your hearing instrument, the microphone, analog-to-digital converter, digital signal processor, receiver and other specialized components process sound that is directed to the eardrum and auditory system.

The microphone picks up sound waves from the air and converts them to electrical signals.

The analog-to-digital converter encodes the electrical signals into a format that is usable by the digital signal processor.

The digital signal processor has been programmed by your Audiologist or Hearing Care Provider to execute the required digital signal processing for your particular hearing loss.

The receiver converts the digitally processed signal directly back into sound waves.

Using your hearing instrument

Battery

The chart below provides the battery size generally used in your hearing instrument. However, since your hearing instrument is a custom product, it's strongly recommended that you check with your Audiologist or Hearing Care Provider regarding the correct battery for your model.

<u>Model</u>	<u>Battery size</u>
NITRO CIC and NITRO 16 CIC	10A
NITRO MC and NITRO 16 MC	10A

Before using your hearing instrument, place the battery into the battery compartment door. Using the fingernail of either your thumb or index finger of your other hand, pull the tab on the battery compartment door outward until the compartment door swings open all the way (Fig. 3).

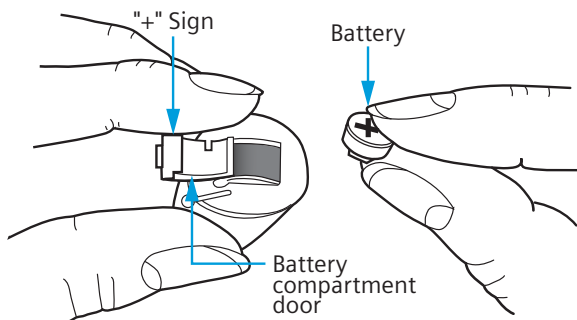


Fig. 3: Right Nitro CIC hearing instrument

Place the battery (see "Battery" section or consult your Audiologist or Hearing Care Provider) into the battery compartment door, observing the correct polarity. The "+" sign on the battery must match the "+" sign stamped on the top of the battery compartment door (Fig. 4).

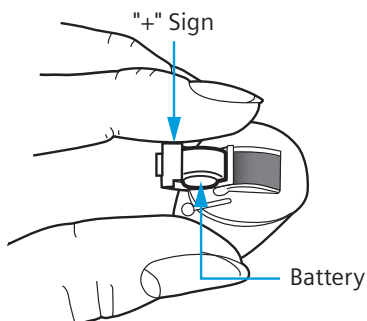


Fig. 4: Right Nitro CIC hearing instrument

Gently close the battery compartment door. Avoid forcing the battery door shut. If it does not close easily, check to see if the battery was inserted properly.

Once the battery is in its proper position, your instrument is ready to operate.

Power-on delay feature

Your hearing instrument may be equipped with an advanced power-on delay feature. This feature delays sound from entering your hearing instrument when it is first turned on, so that you may insert it into your ear without experiencing unpleasant feedback (whistling).

To turn your instrument on, insert the battery and close the door. To turn off your instrument, open the battery door fully so that no contact remains.

Make it a habit to remove the battery every time you take off your hearing instrument.

Removal strand

Your hearing instrument may have a clear nylon strand that serves as a removal cord. Never remove or cut this strand. If the strand pulls off, breaks or is damaged in any way, contact your Audiologist or Hearing Care Provider immediately.

Inserting and removing your NITRO CIC hearing instrument

Hold the hearing instrument between your thumb and index finger. With the face of the hearing instrument toward the outside, place the hearing instrument into your ear canal. Gently work it into its proper position by slightly twisting until it is firmly seated. Lightly press inward for a secure and comfortable fit (Fig. 5).

If you have difficulty inserting the hearing instrument, try pulling the ear up and back for an easier insertion. Your instrument should sit deep in your ear canal, but do not force it deeper than it will comfortably fit.



Fig. 5: Proper location of the Nitro CIC hearing instrument

The nylon strand has been provided to allow removal of the hearing instrument. Firmly grasp its bead and slowly, gently pull the hearing instrument out of your ear. It often helps to push lightly on the back of your ear to loosen the instrument.

Using the removal strand, the hearing instrument should pull out easily. If you experience difficulty removing the instrument and it remains lodged in your ear, contact your Audiologist or Hearing Care Provider immediately.

Inserting and removing your NITRO Mini-Canal hearing instrument

Hold the instrument between the thumb and index finger. With the face of the instrument toward the outside, place the canal portion into your ear. Gently work the instrument into its proper position by slightly twisting it until it is firmly seated. Lightly press inward for a secure and comfortable fit (Fig. 6).

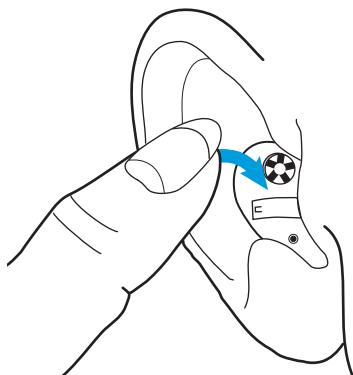


Fig. 6: Inserting the Mini-Canal hearing instrument

When removing the instrument, push lightly on the back of the ear to help loosen it. Then, using your index finger, gently pull the hearing instrument from your ear.

Do not insert any item into your ear to remove the hearing instrument. Do not pull on the battery compartment door to remove the hearing instrument as this could cause damage to the instrument.

Using the memory button

Your NITRO or NITRO 16 hearing instrument may have a memory button to access up to 3 memories, also called hearing programs. Each memory is different and designed to help you hear better in certain situations. Your Audiologist or Hearing Care Provider will program the settings in the different memories for your particular needs.

When initially turned on (after the battery compartment door is closed) the microphone is ON and ready for general use and the default setting is Memory 1. Your Audiologist or Hearing Care Provider will provide you with the number of memories most appropriate for your needs. Each time you press the memory button, your NITRO CIC hearing instrument changes

to another memory. The memory change may be confirmed by alerting tones or beeps which correlate to the memory you are in. That means if you select memory "3" then the hearing instrument beeps 3 times.

Your Audiologist or Hearing Care Provider has programmed your instrument as follows:

Memory number	Listening environment
1	_____
2	_____
3	_____

If no memory button is provided, your Audiologist or Hearing Care Provider will program the instrument to automatically adjust to a wide variety of listening environments without any effort on your part.

Low Battery Indicator

Your hearing instrument may be programmed to inform you when the battery should be replaced for best performance. If this feature is activated in your hearing instruments, you may hear two long, low pitched beeps and/or experience low amplification power or volume. Change the battery immediately when either of these occur.

WARNING: Choking hazard posed by small parts.

- Keep hearing instruments, batteries and accessories out of children's reach.
- If swallowed consult a physician or a hospital immediately.
- If infants, small children or mentally disabled persons need to wear hearing instruments, ensure adequate supervision.

Battery tips

- **CAUTION!**

Batteries can be harmful if swallowed.

- If a battery is accidentally swallowed, seek medical attention immediately,

or call **The National Button Battery Hotline** collect at **(202) 625-3333**.

- Always use the battery size recommended on your warranty card or by your Audiologist or Hearing Care Provider for your model for best performance.
- Remove the battery from your instrument when not in use. This prevents possible damage from expansion or leakage of the battery, if the instrument is not fully turned off.
- Always carry spare batteries in the event that your current battery goes dead. Place each spare battery in an individual, non-metallic container to prevent contact with other batteries or metal objects, such as keys or coins.
- Follow your local recycling rules for battery disposal.

Note: Do not throw used batteries into household trash. Return them to your Audiologist or Hearing Care Provider for environmentally correct disposal.

WARNING: Risk in explosive environments, e.g. mining areas!

- Don't use your hearing instruments (and remote control) in areas where there is a danger of explosions.

Health considerations

If soreness or skin irritation develops in the ear, discontinue wearing your hearing instrument, and bring the instrument to your Audiologist or Hearing Care Provider. Minor fit adjustments and polishing can often correct this condition.

If soreness persists discontinue wearing the hearing instrument and see your physician.

If excessive ear wax accumulates when wearing your hearing instrument, consult your Audiologist or Hearing Care Provider.

Using the telephone

You may use the telephone in a natural manner.

If you get a whistling sound (feedback), tilt the phone receiver away from your ear and/or reduce the volume until the whistling stops. By trying various positions of the telephone receiver, you will discover what works best for you.

Your Audiologist or Hearing Care Provider:

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