

Motion™ BTE  
Instruction Manual

**SIEMENS**



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## Introduction

Congratulations! You have selected a hearing instrument from Siemens. These instruments were designed to fit according to your personal hearing profile.

These instructions, together with guidance from your Audiologist or Hearing Care Provider, will help you understand how your new hearing instrument works.

If you have any further questions, please contact your Audiologist or Hearing Care Provider.

# Your Motion™ hearing instrument

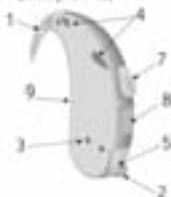
## Features:

- 1 Earhook
- 2 Battery compartment
- 3 Charging contacts
- 4 Microphone openings
- 5 Audio input
- 6 Volume control
- 7 Program button with on/off function
- 8 Cover for programming socket
- 9 Typeplates
  - red = right hearing instrument
  - blue = left hearing instrument

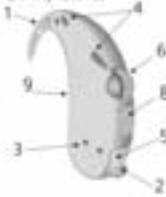
**Motion S**  
optional with LifeTube  
(Battery size: 13)



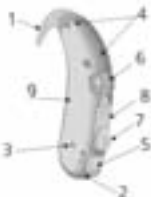
**Motion M**  
optional with LifeTube  
(Battery size: 13)



**Motion M VC**  
optional with LifeTube  
(Battery size: 13)



**Motion P**  
(Battery size: 13)



## Intended use

Hearing instruments are intended to improve your hearing. Diagnosis and prescription of a hearing instrument must be performed by hearing health specialists, e.g., ENT doctors, Audiologists or Hearing Care Providers.

Read and follow the instructions of this user guide to avoid injuries or damage to the hearing instrument.

## General notes on safety

### NOTICE

Your hearing instrument is sensitive to extreme heat, high humidity, strong magnetic fields ( $>0.1\text{T}$ ), X-rays and mechanical stress.

- Do not expose your hearing instrument to extreme temperature or high humidity.
- Do not leave it in direct sunlight.
- Do not wear it in the shower or when you apply make-up, perfume, aftershave, hairspray, or suntan lotion.

- Do not wear your hearing instrument when you are exposed to shortwaves, a strong magnetic field, a high frequency field or X-rays.
- Do not place your hearing instruments in a microwave oven.

**WARNING:** Choking hazard posed by small parts.

- Keep hearing instruments, batteries and accessories out of children's reach.
- If swallowed, consult a physician or 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 in areas where there is a danger of explosions.

## **CAUTION!**

Risk of injury caused by incorrect use of LifeTip

- Always wear the LifeTube with the LifeTip.
- Make sure that the LifeTip is completely attached to the LifeTip adapter.
- Change the LifeTube or LifeTip when they are cracked.
- Put the LifeTube with the LifeTip carefully into the ear and not too deep.
- If the LifeTip remains in the ear, have it removed by a medical professional.
- Use the LifeTube and LifeTip only in the way described in this user guide.

## **Handling batteries**

- Use standard batteries or rechargeable batteries in your hearing instruments.
- Always use the right size batteries.
- Remove the tab on your batteries only when you are ready to use them.
- Charge the rechargeable batteries before first use.

- The positive (+) side of the batteries is always the smooth side.
- Always keep spare batteries with you.



*Fig. 2: Handling batteries*

### **Low battery indicator**

Your Audiologist or Hearing Care Provider can activate an acoustic signal to inform you when the battery is nearly empty.

If you hear an acoustic signal or experience low amplification power, replace the battery as soon as possible for best results.

### **Inserting the battery**

- Open the battery compartment completely using your fingernail as shown in the illustration (Fig. 3).
- Insert the proper size battery so that the "+" symbol on the battery aligns with the "+" marked on the battery compartment.

- Close the battery compartment by gently pressing the bottom of the door upward with your finger tip. Do not force the door shut. If it does not close easily, check to see if the battery was inserted properly.

When the battery door is completely closed, your hearing instrument is ready for use.



*Fig. 3: Inserting batteries*

### **Removing the battery**

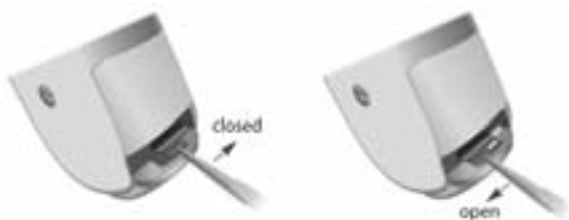
- Open the battery compartment completely.
- Normally the battery drops out when the compartment is completely open. If the battery does not come out, lightly tap the instrument or push the battery out with a pencil as shown (Fig. 4).



*Fig. 4: Removing batteries*

### **Battery Compartment Lock**

- Your hearing instruments are equipped with a battery compartment lock. This prevents the unintentional removal of the batteries from their compartment. This feature is applicable for pediatric use of Motion Instruments.



*Fig. 5: Lock and Unlock of battery door.*

## **Lock**

- Open the battery compartment to the first stop.
- Push the small slide to the right. The battery compartment can now only be opened up to the first stop.

## **UnLock**

- Open the battery compartment to the first stop.
- Push the small slide to the left. The battery compartment can now be opened completely.

Ask your Audiologist or Hearing Care Provider if you need assistance.

## Inserting and removing hearing instruments



*Fig. 6: Inserting the hearing instrument*

### Inserting

- Turn your hearing instrument off.
- Hold the earmold/LifeTip between your thumb and index finger and insert it carefully into the ear canal. You may find it helpful to pull your ear slightly upward or to the back.
- Place your hearing instrument behind your ear.
- Turn your hearing instrument on.

If the typeplate of your hearing instrument is in red, the hearing instrument is intended for the right ear. If the typeplate is in blue, the hearing instrument is for the left ear.

## Removing

- Hold the earmold/LifeTube between your thumb and index finger and carefully pull it out. You may find it helpful to lightly push your ear from the back.



*Fig. 7: Removing the hearing instrument*

## Turning your hearing instruments on and off



*Fig. 8: Turning your hearing instrument on and off*

### **Turn on:**

- Fully close the battery compartment to turn the hearing instrument on.

### **Turn off:**

- Press the battery compartment downward to the first stop to turn the hearing instrument off.

### **Via push button** (Motion S, M and P)

- Press the push button for about 2 seconds to turn the hearing instrument to stand-by.
- Press the push button for about 2 seconds to turn the hearing instrument back on.

You can also use the remote control, if provided, to turn the hearing instrument on and off.

## **Power-on delay**

Your hearing instruments are equipped with a “power-on-delay” feature which can be activated by your Audiologist or Hearing Care Provider. This allows you to turn the hearing instrument on with an automatic delay, so that you may insert the hearing instrument without experiencing unpleasant feedback (whistling). The delay can be programmed by your Audiologist or Hearing Care Provider to be 6, 12, or 18 seconds.

## **Changing the hearing program**

**Via push button** (Motion S, M and P)

Your hearing instruments offer up to 5 hearing programs for specific listening environments.

Each time you press the program button, your hearing instruments switch to the next program, confirming each change with an acoustic signal.

### **Example**

Turn your hearing instruments on. It is automatically in program 1. You want to change to program 2.

Press the program button once. You hear the acoustic signal for program 2. You are now in program 2.

Via remote control (where provided)

- Refer to the remote control user guide.

If you are wearing two hearing instruments, the hearing program will be changed on both instruments simultaneously if e2e wireless<sup>®</sup> 2.0 is activated.

Your Audiologist or Hearing Care Provider can write down the personal program configuration of your hearing instrument on page 31.

Your Audiologist or Hearing Care Provider can activate or deactivate the acoustic signals in your hearing instruments.

## Changing the volume

The volume of your hearing instruments is controlled automatically and there is no need to manually adjust it.

**Via volume control** (only Motion M VC and Motion P)

Should you prefer manual volume control, your Audiologist or Hearing Care Provider can

program the hearing instrument for manual adjustment.

Manual volume control on the instrument is deactivated when you use a remote control.



*Fig. 9: Volume Control*

**Via remote control** (where provided)

Refer to the remote control user guide.

## Audio input

Your hearing instrument is equipped with an audio input. Together with an audio shoe it enables the connection between the hearing instrument and an FM system, tape recorder, television, or an infrared device. This feature can be useful for adults in difficult listening situations and for children in classrooms.

*Note: Use only the F5 or L5 audio shoes (labeled inside the audio shoe). They are designed exclusively for your hearing instruments.*

With the L5 audio shoe attached, the battery compartment switch is disabled and the hearing system can only be switched off via push button or remote control.

With the F5 audio shoe attached, the battery compartment switch can still be used for the ON/OFF function.

**WARNING:** Risk of injuries caused by electric shock!

Connect audio input only to devices that conform to IEC60065. (IEC-Norm for audio, video and other electronic devices.)



*Fig. 10: Attaching the audio shoe*

### **Attaching the audio shoe:**

- Open the battery compartment 1.
- Open the audio shoe cover 2.
- Close the battery compartment.

- Align the contacts of the audio shoe with the contacts of the hearing instrument.
- Slide the audio shoe over the hearing instrument until it snaps into the end position. The hearing instrument automatically switches to the corresponding audio shoe program.

### **Removing the audio shoe:**

- Slide the audio shoe in the opposite direction of that used for attachment and take it off.
- Close the audio shoe cover.

## **Using the telephone**

### **AutoPhone® function** (Motion M, M VC, P)

With the AutoPhone® function, your hearing instrument will automatically switch to the telephone program when you hold a telephone handset near your hearing instrument(\*). It will return to the previously used hearing program after you have finished speaking and have moved the handset away from the hearing instrument.

### **(\*) AutoPhone magnet accessory**

Not all telephones produce a magnetic field strong enough to activate the AutoPhone function.

In this case, use the AutoPhone magnet, enclosed in your hearing instrument package, and attach it to the telephone receiver to activate the AutoPhone function.

See the AutoPhone magnet user guide for instructions on how to position the magnet. Use only the magnet that is delivered with the hearing instrument.

### **Manual telephone program**

Select the telephone program manually by using the program button or remote control if provided.

The telephone program can be set to microphone mode or Telecoil mode. Your Audiologist or Hearing Care Provider will program your hearing instrument to fit your individual requirements.

**CAUTION!** Magnets may interfere with the operation of life supporting systems (e.g., pacemakers, magnetic valves).

- Use a magnet only if not in doubt about the safe distance.

- The safe distance between pacemaker and magnet should be at least 10cm (4 inches).
- Choking hazard posed by magnets.
- Keep magnets out of the reach of children.  
If swallowed consult a physician or a hospital.

*Note: Magnets pose risks to electronics and magnetic storage mediums when placed in close proximity. Do not to set magnets near computers, color monitors, television sets, floppy discs, video/audio tapes and other electronic equipment.*

## **e2e wireless® 2.0**

Your hearing instruments may be equipped with e2e (ear-to-ear) wireless® 2.0 technology.

### **Advantages of the wireless functionality:**

- Automatically adjusts both hearing instruments simultaneously to different listening situations.
- Allows use of accessories, e.g., a remote control.
- Provides synchronization of the settings in the system. If you change the volume or program on one hearing instrument, the other hearing instrument is automatically adjusted.

Your Audiologist or Hearing Care Provider can activate or deactivate the wireless functionality of your hearing instruments.

The performance of e2e wireless 2.0 may be affected by electromagnetic interference – e.g., from a computer monitor or halogen lamp system controlled by a switching power supply.

Move away from the source of interference if you experience difficulty.

## **Maintenance and care**

Your hearing instruments are durable but highly sensitive systems. Proper care and handling will ensure the best possible performance.

- Clean instruments regularly to prevent damage to the hearing instruments and to avoid health problems.
- Clean your hearing instruments with a soft, dry tissue, as necessary.
- Place your hearing instruments in a "dry aid kit" with a special moisture-attracting capsule overnight.

- Ask your Audiologist or Hearing Care Provider for special care sets and further information on how to keep your hearing instruments in good condition.

*Note: Do not put the hearing instruments in water.*



## Accessories

### Charger

Your hearing instruments work with standard or rechargeable batteries. With the easy-to-use optional charger you can charge up to two hearing instruments. After just five hours of charging, the charger shuts itself off and the hearing instruments are ready to run for the day.

For detailed information and instructions refer to the charger user guide or ask your Audiologist or Hearing Care Provider.



*Fig. 11: Charger*

### **Remote control** (where provided)

The wireless function of your hearing instruments allows you to use a remote control to change the program and volume of your hearing instruments.

For further information about the remote control, contact your Audiologist or Hearing Care Provider or refer to the remote control user guide.

In the event your hearing instruments can be controlled by another person's remote control, return hearing instruments and remote control to your Audiologist or Hearing Care Provider.

## **Warning:** Pacemaker compatibility

Siemens remote control devices (excluding Tek remote control) have been tested and found not to cause interference with cardiac pacemakers that are manufactured and operated in compliance with applicable safety standards, provided a minimum distance of 12 inches (30cm) is maintained between the remote control and the pacemaker. To accommodate this provision:

- Do not activate the remote within 12 inches of the pacemaker.
- Do not carry the remote in your breast pocket.
- Do not wear the remote with a lanyard around your neck.
- Do not place remote directly on the skin over the implanted pacemaker.

Following these precautions, Siemens remote controls can be operated safely by, or within the vicinity of, individuals fitted with these pacemakers.

**Tek™ wireless enhancement** (where provided)  
(Motion 700, Motion 500, and Motion 300)

Your hearing instruments together with the optional Tek™ Connect remote control will allow you to connect your hearing instruments to the growing world of technology. Via Tek Transmitter Bluetooth® technology, it is possible to receive audio signals from your mobile phone, your television, your MP3-player, and more.

For detailed information and instructions refer to the Tek user guide or ask your Audiologist or Hearing Care Provider.



*Fig. 12: Tek Remote Control*

**WARNING:** Risk of interference with cardiac pacemakers. Do not use the Tek remote control if you are fitted with a cardiac pacemaker.

## Identification information

Your hearing instruments have a serial number engraved on them. The location of the serial number will vary according to the style of hearing instrument you have chosen.

The year of manufacture is incorporated into the serial number. Please note the warranty is based upon the date of purchase, not the date of manufacture.

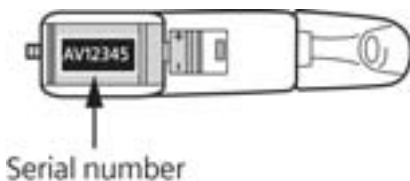
The serial number may look similar to this sample: AU12345. The second letter of this serial number refers to the year of manufacture of the hearing instrument. The letters U or V indicate a 2009 year of manufacture. Your Audiologist or Hearing Care Professional can answer any questions you may have about the identifying code on your hearing instrument.

Record the serial numbers of each instrument in the space provided for future reference.

**Serial numbers:**

Left ear: \_\_\_\_\_

Right ear: \_\_\_\_\_



*Fig. 9: Identification information*

## Troubleshooting tips

Your hearing instruments are extremely reliable devices. Should a problem occur, it can usually be corrected quickly. Use these troubleshooting tips to resolve simple issues.

Problem	Possible solution
Sound is weak	Replace old battery. Clean earmold. Increase volume.
Sound is distorted	Lower volume. Replace/recharge empty battery. Clean earmold.
Instrument emits whistling sound	Try reinserting the earmold until it fits securely. Lower volume. Clean earmold.
Instrument emits signal tones	Check if top cover is closed completely. Replace/recharge empty battery.
Instrument does not work	Check if the hearing instrument is turned on. Gently close battery compartment completely. Replace / recharge empty battery. Make sure battery is inserted correctly. Wait 18 seconds and check again.

If you still encounter problems after trying these suggestions, consult your Audiologist or Hearing Care Provider.

## Technical information

Operating frequencies:  $F_c=3.28$  MHz

Changes or modifications not expressly approved by Siemens Audiologische Technik GmbH could void the users authority to operate the equipment.

Siemens Motion 700, 500, 300

FCC ID: SGI-WL002BTE

IC: 267AB-WL002

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following 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.

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 into 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.

# Your hearing instrument configuration

Hearing instrument			
LEFT		RIGHT	
		Model	
		Serial number	
		Battery	
<input type="checkbox"/> yes	<input type="checkbox"/> no	Power on delay	<input type="checkbox"/> yes <input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no	Volume control	<input type="checkbox"/> yes <input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no	Push button	<input type="checkbox"/> yes <input type="checkbox"/> no
Signal tones			
<input type="checkbox"/> on	<input type="checkbox"/> off	Low battery warning	<input type="checkbox"/> on <input type="checkbox"/> off
<input type="checkbox"/> on	<input type="checkbox"/> off	Volume control limit	<input type="checkbox"/> on <input type="checkbox"/> off
<input type="checkbox"/> on	<input type="checkbox"/> off	Volume control change	<input type="checkbox"/> on <input type="checkbox"/> off
Hearing program		Description of the hearing program	
1			
2			
3			
4			
5			
remote control			
Serial number			



## Your Audiologist or Hearing Care Provider:

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### Local Contact Information

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