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ePen™

User Guide

**SIEMENS**

# 1

## Introduction

**Dear customer,**

Your hearing instruments are equipped with wireless technology and can therefore be controlled by your ePen™ remote control.

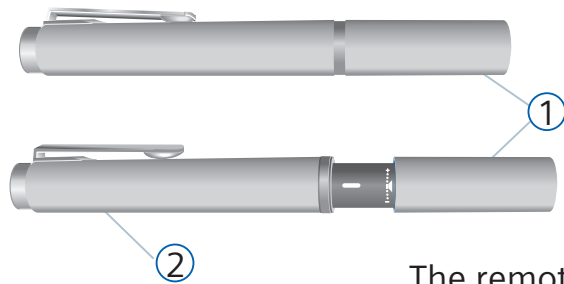
These instruction describes how to operate your ePen remote control rapidly and easily.

Your Hearing Care Professional can answer any further questions about instructions and proper use.

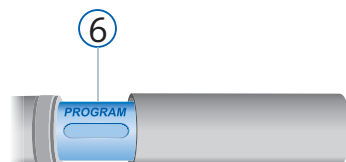
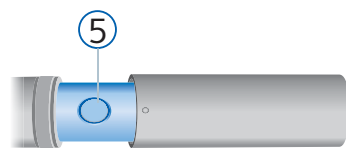
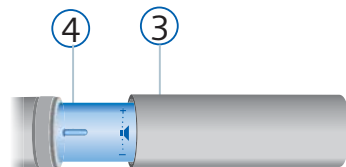
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# 3

## Your ePen



The remote control uses one AAA battery.






- ① ePen Tip with hidden control panel and volume function
- ② Battery compartment
- ③ Volume control
- ④ LED
- ⑤ Hearing instruments on/off
- ⑥ Program button

This remote control is intended to operate hearing instruments.

Read and follow the instructions of this user guide to avoid injuries or damage to remote control.

#### Symbols:

Be aware of information marked with the warning symbol **WARNING**, **CAUTION** or **NOTICE**!

	<b>WARNING</b> points out a situation that could lead to serious injuries, <b>CAUTION</b> indicates a situation that could lead to minor and moderate injuries.
<b>NOTICE</b>	<b>NOTICE</b> indicates possible property damage.
	Advice and tips on how to handle your hearing instrument better.
	Instruction. Indicates that something has to be done.

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## General notes on safety

### NOTICE


The remote control is sensitive to extreme heat, high humidity, strong magnetic fields ( $>0.1T$ ), X-rays and mechanical stress.

- ▶ Do not expose the remote control to extreme temperature or high humidity.
- ▶ Do not leave it in direct sunlight.
- ▶ Do not immerse it in water.


### WARNING

Wireless systems may interfere with measuring devices and electronic equipment.

- ▶ Do not use remote control in hospitals or airplanes.
- ▶ Activate the key lock in hospitals or airplanes.
- ▶ Prior to use in conjunction with an electronic implant or life supporting system, have the electromagnetic compatibility verified.

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

- ▶ Refer to local authorities for further information.

 ▶ In case the hearing instrument is controlled by another person's remote control, please return with the remote control and hearing instruments to your Hearing Care Professional.

## General notes on safety

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### **WARNING**

Risk of interference with cardiac pacemakers.

- ▶ Do not use the remote control if you are fitted with a cardiac pacemaker.

### **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.



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## Safety notes for batteries

### NOTICE

Leaking batteries damage the instrument.

- ▶ Remove batteries when the instrument is not in use for a prolonged period of time.

- i** ▶ Do not throw used batteries into household trash. Return them to your Hearing Care Professional for environmentally correct disposal.

### WARNING

Choking hazard posed by small parts.

- ▶ Keep batteries and remote control out of children's reach.
- ▶ If swallowed consult a physician or hospital immediately.

## Changing the batteries

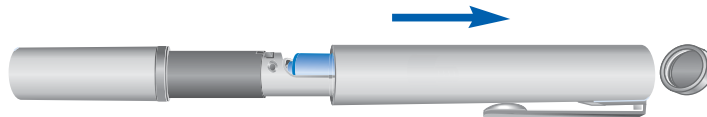
# 7

The remote control is powered by one AAA battery.

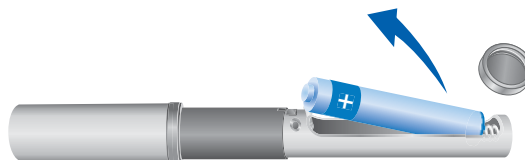
- ▶ Screw off the top on the backside of the ePen



- ▶ Slide down the cover of the backside of the ePen.



- ▶ Insert a battery as shown in the picture.  
Make sure the polarity symbols on the battery and compartment are aligned.

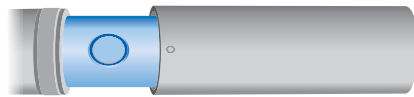


- ▶ Reattach the cover and top.

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## Turning your hearing instruments on and off

- i** ▶ Make sure the distance between your remote control and hearing instrument does not exceed 40 inches (1 meter).
- ▶ If you are wearing two hearing instruments, both instruments will be turned on/off at the same time.



- ▶ Press the on/off button to turn your hearing instruments on.

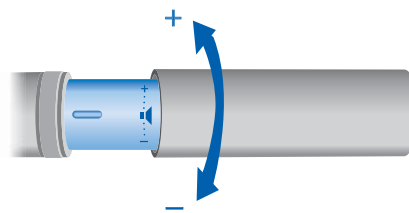
- ▶ Press the On/Off button to turn your hearing instruments off.

## Adjusting the volume

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- i** ▶ Make sure the distance between your remote control and hearing instrument does not exceed 40 inches (1 meter).
  - ▶ If you are wearing two hearing instruments, the volume will be changed on both instruments at the same time.

- ▶ Slide open the cap of the remote control to uncover the control panel.
- ▶ Turn the cap towards the "+"-side to increase the volume of your hearing instruments.
- ▶ Turn the cap towards the "-"-side to decrease the volume of your hearing instruments.



Your Hearing Care Professional can activate /deactivate acoustic signals to indicate when the volume has been changed and when the volume limits have been reached.

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## Changing the program

- i** ▶ Make sure the distance between your remote control and hearing instrument does not exceed 40 inches (1 meter).
- ▶ If you are wearing two hearing instruments, the program will be changed on both instruments at the same time.



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

### Example:

Your hearing instruments are in program 1. You want to change to program 3.

- ▶ Press the program button twice.

Your Hearing Care Professional can activate / deactivate acoustic signals to indicate when the program has been changed.

## Cleaning

### NOTICE

- ▶ Do NOT put your remote control in water! The cover does NOT make your remote control waterproof.
- ▶ Do NOT clean your remote control with alcohol or benzine.



- ▶ Clean the remote control as and when necessary with a soft tissue.
- ▶ Avoid abrasive cleaning liquids with additives such as citric acids, ammonia, etc.

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## Troubleshooting

Problem	Possible solution
The remote control does not work	Replace empty batteries. Move away from electro-magnetic noise sources.
Another remote control affects your hearing instruments	Return remote control and hearing instruments to your Hearing Care Professional.
Feedback or loud noise occurs	The function of the wireless link might be affected by a nearby electromagnetic source, such as computer monitors. Keep an appropriate distance from these sources.

If you still encounter problems after trying these suggestions, consult your Hearing Care Professional.

### Specifications

Input voltage:	1.5 VDC
Input current:	150 mA
Protection against electric shock:	class II
Safety approvals:	CE, C-Tick
EMI:	complies with EN 60601-1-2 EN 55022 Class B RSS-210 Issue 7 RSS-Gen Issue2 ETSI EN 300 330-2 V1.3.1 ETSI EN 300 330-1 V1.5.1
Against ingress of water:	IPX0 (ordinary)
Degree of safety of application in the presence of flammable anesthetic:	not evaluated
Mode of operation:	continuously operation
Operating frequencies:	$F_c=3.28$ MHz
Max. field strength @ 10m:	-7 dB $\mu$ A/m
Max. field strength @ 30m:	28.5 dB $\mu$ V/m

CE, FCC and IC compliance information can be found inside the battery compartment.

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

Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

**Our product with the FCC ID: SGI-WL300 will be market without the battery installed. Therefore the user is able to see the FCC Label when opening the battery compartment.**



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## Technical information

### Siemens ePen remote control

FCC ID: SGI-WL300

IC: 267AB-WL300

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 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.

## Disposal information

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Within the European Union, the marked equipment is covered by "Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on waste electrical and electronic equipment. Amended by Directive 2003/108/EC" (WEEE).



**i** ▶ Recycle your hearing instruments and remote control according to national regulations.

For disposal within the EU please send device to the following address:

<b>United Kingdom</b>	<b>Malta</b>	<b>Ireland</b>
Siemens Hearing Instruments Newton Road Crawley RH109TT	Charles de Giorgio LTD 39-40 South Street Valetta CMR 01 P.O.Box 374	Howth Junction Business Center Kilbarrack 5 Dublin

[www.siemens.com/hearing](http://www.siemens.com/hearing)

With the CE marking Siemens confirms compliance with the European Directive 93/42/EEC concerning medical devices.



