

Finally, hearing instruments that talk to each other.



**ACURIS™ S**

**ACURIS™ P**

**with e2e wireless™**

User Guide

Behind-the-Ear System

**SIEMENS**

# Congratulations !

As the owner of a new hearing system, you may once again enjoy the sounds of your environment, and conversation with your family and friends.

These instructions as well as guidance from your hearing instrument specialist will help you understand how your new hearing system works. In this guide, you'll find instructions about inserting, removing and use of your ACURIS™ hearing system. There are also tips and information on proper handling, cleaning, care and changing of the batteries. In addition, a troubleshooting section is offered for your reference.

Your hearing improvement with a hearing system depends on the fit of the hearing instruments, the type and degree of hearing loss, and proper diagnostic testing. Of course, a hearing system cannot restore normal hearing, and not everyone will benefit equally.

More than 80 percent of individuals with hearing loss have hearing loss in both ears. Studies show that even when a hearing loss is worse in one ear, most people with hearing loss in both ears will benefit from wearing two instruments.

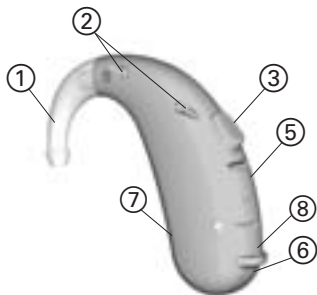
Remember, a hearing system consists of finely-tuned devices that have been specially designed and expertly adjusted for your individual needs. Proper care and handling will ensure the best possible performance of your ACURIS hearing system.

# Contents

	<b>Page</b>
Your ACURIS™ BTE (behind-the-ear) hearing system	4
- ACURIS S	
- ACURIS P	
<hr/>	
Battery insertion and removal	5
<hr/>	
Battery compartment door lock	8
<hr/>	
Inserting and removing your ACURIS BTE	9
<hr/>	
Turning your ACURIS BTE on and off	10
<hr/>	
e2e wireless™	12
<hr/>	
Using the program button	14
<hr/>	
Using the directional microphone system	15
<hr/>	
Using the volume control (ACURIS P)	16
<hr/>	
Audio input	17
<hr/>	
Using the telephone	19
<hr/>	
Maintenance and care	20
<hr/>	
Important notes	21
<hr/>	
Troubleshooting tips	22
<hr/>	

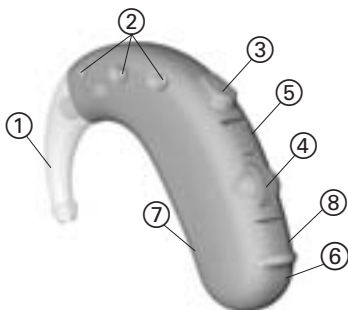
# Your ACURIS BTE (behind-the-ear) hearing system

## ACURIS S



Hearing system for mild to moderate hearing loss

## ACURIS P



Hearing system for severe hearing loss with manual or automatic volume control

## Features

1. Earhook
2. Microphone openings
3. Program button with ON/OFF function
4. Volume control (only ACURIS P)
5. Cover for programming socket
6. Battery compartment
7. Color-coded typeplate  
red = right instrument  
blue = left instrument
8. Audio input

To achieve optimum fitting, ACURIS P instruments are designed specifically for the left and right ears. Each is color-coded for your convenience.

# Battery insertion and removal

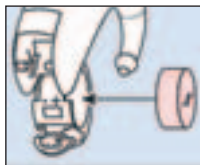


## Handling the battery

The protective tab on your battery should only be removed when you are ready to use the battery.

## Three useful tips:

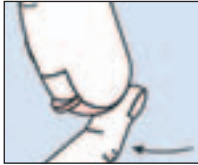
- The positive (+) side of the battery is always the smooth side. You can recognize the negative (-) side by the colored ring.
- Always keep spare batteries with you
- If you feel you cannot change the battery yourself, ask someone to help you: a family member, friend or your hearing instrument specialist.



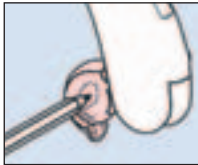
## Inserting the battery

Open the battery compartment with your fingernail as shown in the illustration.

Swivel open the battery compartment door, if not already open. Place the proper size battery (Type 13) so that the "+" symbol on the battery coincides with the "+" marked on the battery compartment.



Gently close the battery compartment by 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.



### **Removing the battery**

Normally the battery drops out when the compartment is completely open. If the battery does not come out, lightly tap the system or push the battery out with a pencil as shown.

### **Low battery indicator**

Your hearing system may be programmed to inform you when the battery should be replaced for best system performance. You may hear an intermittent series of beeps and/or experience low amplification power or volume. Change the battery when either of these occurs.

If you have an ePocket remote control, the battery status can be checked using the "data read out" function. (See the ePocket user guide for more information).

**Caution:**

**Keep batteries and instruments away from the reach of small children.**

**Batteries can be harmful if swallowed.**

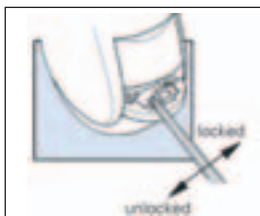
**If swallowed consult a physician or a hospital immediately.**

**Change the batteries when any of the following occur:**

- volume becomes softer or weak
- you hear a battery signal beep
- you see empty battery status on the display of your ePocket.

**Do NOT throw used batteries into household trash. Return them to your hearing instrument specialist for environmentally correct disposal.**

# Battery compartment door lock



Your instruments are equipped with battery compartment door locks.

They are intended to prevent the unintentional removal of batteries from their compartment.

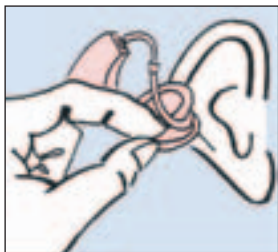
To lock the battery compartment, open the compartment door to the first stop. Push the slide to the right with a suitable tool.

To unlock the battery compartment again, open the compartment door to the first stop. Push the slide to the left with a suitable tool.

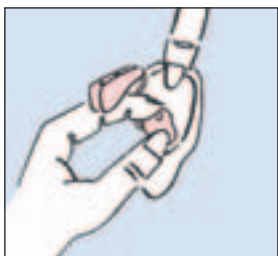
Your hearing instrument specialist can further instruct you on the use of this feature, if necessary.



# Inserting and removing your ACURIS BTE

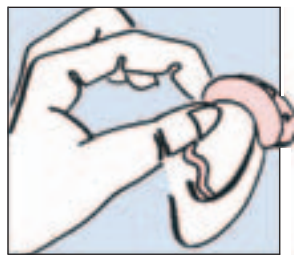


Make sure that your hearing instrument is turned off. Hold the earmold between your thumb and index finger and insert it carefully into your ear canal. You may find it helpful to pull your ear slightly upward or to the back. Gently work the earmold into its proper position by adjusting it until it is firmly seated in your ear. Once inserted, you should feel whether the earmold is placed correctly. Next, place your hearing instrument behind your ear and turn it on.



## **Tip:**

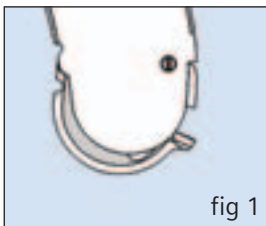
Practice inserting and removing your hearing instrument correctly. An easy way to practice is to sit down at a table. Place a mirror in front of you and prop your elbows on the table so you can guide your hands easily and safely. This will help you stay relaxed and comfortable while you practice.



# Turning your ACURIS BTE on and off

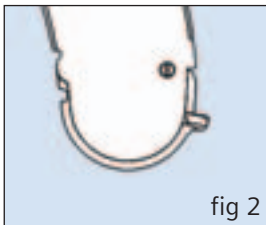
## Via the battery compartment

Your ACURIS hearing system automatically turns on when a battery is inserted and the compartment door is closed completely.



### To turn off

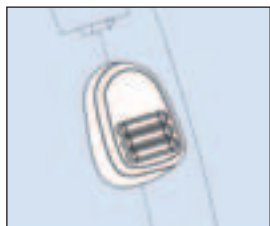
Press the battery compartment to the rear down to the first stop to turn the instrument OFF.  
(see fig. 1)



### To turn on

Fully close the battery compartment to turn the instrument ON.  
(see fig. 2)

## Via the push button



Your hearing system can also be programmed by your hearing instrument specialist to be turned on and off using the program button.

To turn your hearing instrument off, press and hold the program button for approximately 2 seconds.

To turn your hearing instrument on again, press and hold the program button for approximately 2 seconds.

Please note that when you turn your hearing instrument off using the program button, you must wait approximately 10 seconds for the instrument to reset before turning it back on using the program button.

Check with your hearing instrument specialist about which on/off function your hearing systems are equipped with.

## Power-on delay

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

# e2e wireless™

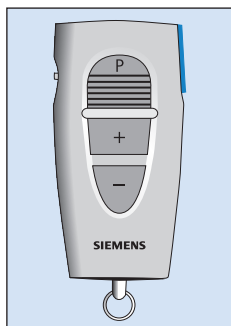
Unique to your ACURIS hearing system is the e2e (ear-to-ear) wireless™ technology. The wireless functionality:

- automatically adjusts the system to change both hearing instruments simultaneously to adapt to different listening situations.
- allows use of accessories including the ePocket (bi-directional remote control).
- provides synchronization of the settings in the system. If you change the volume or program on one instrument, the other is automatically changed.

Your hearing instrument specialist can activate or deactivate the wireless functionality of your hearing system. The ePocket can be activated or deactivated separately.

## **Note:**

The performance of the e2e wireless could be affected by electro-magnetic interference, such as a computer monitor or halogen lamp systems controlled by a switching power supply. Move away from the source of interference if you experience difficulty.



### **Wireless remote control - ePocket™** (accessory)

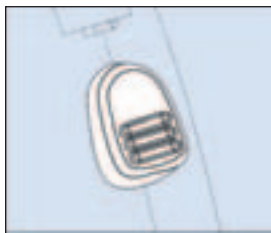
With the wireless function you also have the possibility of using the ePocket (bi-directional remote control) from Siemens. With it, you can change the program and volume of your hearing system and read out the system settings.

For further information on the ePocket, contact your hearing instrument specialist or refer to the ePocket user guide.

#### **Note:**

In case the hearing aid is controlled by another person's remote control unit (RCU), please return RCU and hearing aid to the service department for change of the transmission key. During the use of the wireless link while instrument is operated in T-coil mode, pulsing noise may be heard due to pick-up of the transmission signal by the hearing aid T-coil. Please use remote control in T-coil mode only with a distance greater than 10 cm.

# Using the program button



## How to select the programs

Your ACURIS hearing system can have up to 4 hearing programs. They can be selected with a program button or when an audio shoe is attached. These programs change the characteristics of the sound coming through the hearing system for specific listening environments. Each time the button is pressed, the system changes to the next program, which is confirmed with a beep. The number of beeps you hear coincide with the selected program. That means when Program "3" is selected, for example, you will hear 3 beeps. Each time your system is turned off and then on again, the systems automatically resets to Program 1.

### Note:

If you are wearing two hearing instruments, the program will be changed on both instruments at the same time.

## Your hearing instrument specialist has programmed your system as follows:

Hearing program	Description of the hearing situation
1	
2	
3	
4	

# Using the directional microphone system

According to your hearing needs, your ACURIS hearing system can be adjusted to focus on those sounds in front of you (directional mode) for when you are having a face-to-face conversation in a noisy environment. The hearing system can also be adjusted for when you are participating in more quiet environments and want to hear the sounds around you (omnidirectional mode).

Your hearing instrument specialist will program the operation of the directional microphone system to function automatically or in conjunction with the program button based on your individual hearing requirements and preferences. If the directional microphone system is not programmed to function automatically, your hearing instrument specialist can instruct you on its use.

## **Hearing system with 2 or 3 microphones**

If you have decided to wear a hearing system with 2 or 3 microphones, a program is set for focussing on the sound in front of you and attenuating the sound from behind.

# Using the volume control (Only ACURIS P)



Rotate the wheel upwards to increase volume. Rotate it down to decrease volume.

Your ACURIS P hearing system is fully automatic. There is no need to manually adjust the volume control. However, if you prefer manual volume control, ACURIS P hearing system can be programmed for manual adjustment.

If your system is programmed for manual adjustment, the wheel-shaped volume control can be rotated up (louder) or down (softer) to select the desired listening volume.

To increase volume, place your index finger gently against the volume control wheel and rotate it upward. If your system is equipped with a warning tone for volume control limits, once it is heard, adjusting the volume control further in that direction will have no effect. To reduce the volume, rotate the wheel in the opposite direction.

If your hearing system has not been programmed for manual control adjustment, the volume will automatically adjust and rotating the volume control wheel will have no effect.

## **Note:**

If you are wearing two hearing instruments, the volume will be changed on both instruments at the same time.

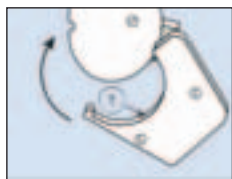


# Audio input

Your hearing system is equipped with audio input capability. This enables the connection between the hearing system and accessories such as an FM system, tape recorder, television, or infrared. It can be useful for adults in difficult listening situations and for children in classrooms. Because the sound is coming directly from the sound source to the hearing system, the signal is clearer and unaffected by poor room acoustics. Your hearing instrument specialist can further instruct you on the use of the audio input, and provide information regarding audio input accessories such as audio shoes and cords.

## **Note:**

You must use the audio shoe designed exclusively for ACURIS. It is marked by a printed "T," which can be seen when looking from the top into the audio shoe.



## **Attaching an audio shoe**

Open the battery compartment door to the first stop. Open the audio input flap and hook the audio shoe in from the front. Gently press it into place so that it attaches to the back and the curve of the audio shoe presses against the bottom of the hearing instrument.



### **Turning off an instrument with audio shoe attached**

Press the audio shoe up in the back, until the battery compartment opens and catches on the first stop.



### **Removing the audio shoe**

Press the audio shoe toward the front. Then unhook it and close the audio input flap.

## **Safety Instructions for hearing systems with audio input**

The audio input may be connected to line-operated equipment only if the equipment fulfils the safety requirement IEC 65 / DIN VDE 0860.

### **Note when controlling your ACURIS instruments audio input with the ePocket:**

If an audio shoe is attached to one or both of your ACURIS hearing instruments, the program button on the ePocket or on the instruments can be used to select the audio mode (such as only audio, only microphone, or audio and microphone). The volume can be changed normally using the ePocket.

If you are wearing one ACURIS hearing instrument with audio input capability and one without (for example, if you are wearing a Behind-the-Ear instrument and In-the-Ear instrument), the instrument with the audio shoe connected cannot be controlled using the ePocket.

# Using the telephone



The telecoil mode is intended for telephone use. In the telecoil mode, place the telephone receiver close to your hearing instrument for best reception. By trying various positions with the telephone receiver, you will discover what works best for you.

## **Note:**

In order for the telecoil to function properly, your telephone must be "hearing instrument compatible." Check your telephone's instruction manual to find out whether your phone has this capability.

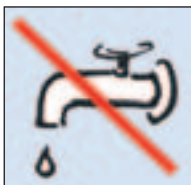
Your hearing instrument specialist can advise you on the proper use of the telecoil program.

Not all telephones, especially cordless telephones and mobile phones, produce a magnetic field required for use with the telecoil. In such cases we recommend that you use the telephone while in the program set for universal hearing situations (most likely Program 1).

# Maintenance and care

Your new ACURIS hearing system is a highly sensitive system. Proper care and handling will ensure the best possible performance.

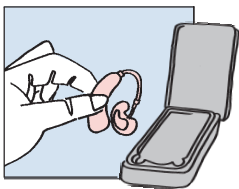
Earwax may accumulate on your earmold. If not cleaned regularly you can damage the hearing systems or cause health problems. Therefore:



1. It is essential to detach the earmold from your behind-the-ear system and place it in the cleaning bath. **Caution:** Do NOT put the hearing system in water, only the earmold.



2. Occasionally bring your hearing system to your hearing instrument specialist to regularly to have the hearing tube changed and the system checked.



Always store your hearing system in the case provided.

## Care tips:

- You should place your hearing system in a "dry aid kit" with a special moisture-attracting capsule overnight. The drying capsule draws damaging moisture out of the system.
- Your hearing instrument specialist can supply you with special care sets and drying capsules to keep your hearing system in good condition.

# Important notes

- Never expose your hearing system to extreme temperatures or high humidity. Do not store it in direct sunlight. Do not wear it when taking a shower or when using hairspray.
- As with all electrical, non gas-encapsulated systems, the hearing system must not be operated in explosion-endangered rooms.
- Do not wear your hearing system during short-wave therapy, or if you work or are medically treated with strong magnetic or high-frequency fields
- Make sure to turn off the system when not in use. This helps preserve your batteries.
- When not wearing your system for long periods of time, remove the batteries. This prevents leakage, which can some times occur in batteries. Replace batteries that have a leakage immediately.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two 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.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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# Troubleshooting tips

Your ACURIS hearing system is an extremely dependable device. However, should a problem occur, this can usually be corrected quickly. Use this trouble shouting guide to sort out simple problems.

<b>PROBLEM</b>	<b>CAUSE</b>	<b>POSSIBLE SOLUTION</b>
<b>System sound is weak</b>	Weak or dead battery	Replace with new battery
	System clogged	Clean earmold
	Volume too low	Turn up volume control
<b>System whistles</b>	Improper seating in ear	Try reinserting the instrument until it fits securely
	Volume control too high	Lower volume control
	Clogged with wax or excessive wax in ears	Clean earmold or contact your hearing instrument specialist
	Crack in earmold tubing	See your hearing instrument specialist

<b>PROBLEM</b>	<b>CAUSE</b>	<b>POSSIBLE SOLUTION</b>
<b>Sound is distorted or intermittent</b>	Volume control too high	Lower volume control
	Weak battery	Replace battery
<b>“Buzzing” or “whistling” sound</b>	Battery compartment is not completely closed	Gently close the battery compartment
	Weak battery	Replace battery
<b>Hearing system does not work</b>	System not turned on	Turn on system
	Battery compartment is not completely closed	Gently close the battery compartment completely
	Dead battery	Replace with new battery
	Battery polarity reversed	Make sure battery is inserted correctly

If you still encounter problems after trying these suggestions, consult your hearing instrument specialist.

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

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).



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Order-No.: A91100-M5100-1080-04-7600  
Printed in Germany  
301105.CG  
87 81 994

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