



Smart Remote

User Guide

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Your remote control

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

Smart Remote provides basic remote control functions for listening and program change as well as additional comfort functions. To enable the additional comfort functions, your Hearing Care Professional has to program your Smart Remote.

The operating distance of the remote control is approximately 40 inches (1 meter).

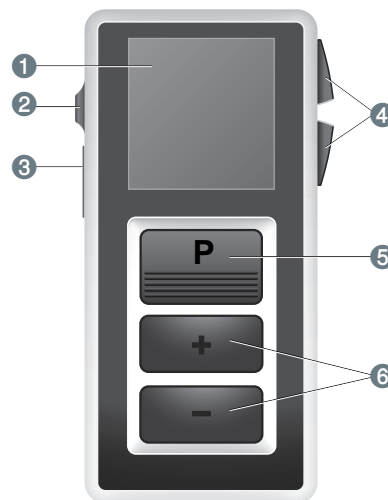
- Make sure the distance between your remote control and hearing instrument does not exceed the operating distance.



CAUTION

Read this user guide thoroughly and completely and follow the safety information in this document to avoid damage or injury.

Overview



Display	Control buttons
Key lock switch	Program change button
Programming connection	Volume up/down buttons



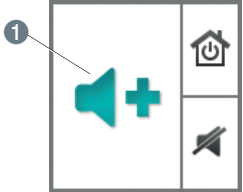
More functions are available in the menu. To enter or exit the menu, press the volume up button and the volume down button simultaneously.

Display

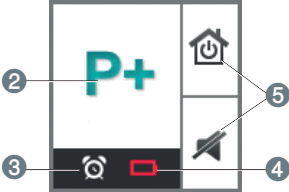
All actions initiated with the remote control are immediately reflected on the display.

The remote control does **not** receive information from your hearing instruments. All actions that you initiate with the controls of your hearing instruments are **not** reflected on the remote control's display.

Display of the unprogrammed Smart Remote



1

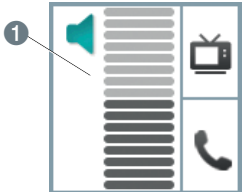


2 3 4 5

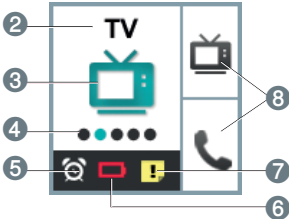
Indicates change of volume	Batteries of the remote control are low
Indicates change of hearing program	Function of control buttons
Alarm clock is activated	

Display of the programmed Smart Remote

Depending on your hearing instrument model, the display might be different.



1 2 3 4 5



2 3 4 5 6 7 8

Indicates change and level of volume	Alarm clock is activated
Program name	Batteries of the remote control are low
Program icon	Service reminder is active
Program number	Function of programmable control buttons

Power save mode

If the remote control is not used for some time, the display automatically turns black. The remote control is then in its power save mode.

► Press the program change button to activate the display again.

Control buttons

You can quickly access two functions with the control buttons on the right hand side of the remote control.

The control buttons can be customized to your preferences by your Hearing Care Professional. Small icons on the display show the functions.



Optional functions (programmable by your Hearing Care Professional)



Boost treble or reduce bass.



Boost bass or reduce treble.

All other icons:

Shortcut to select a preferred hearing program.

The available icons and hearing programs depend on your personal setup.

Default functions



Turn hearing instruments on or off.



Reset to default volume and hearing program.

Batteries

The remote control uses two AAA batteries.

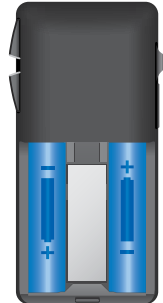
Inserting batteries

- ▶ Slide the battery compartment cover in the direction of the arrow.



- ▶ Insert the batteries.

Make sure the "+" symbols on the battery and compartment are aligned.

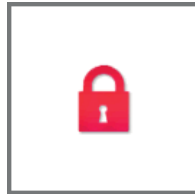


Key lock switch

- ▶ To prevent any accidental operation while the remote control is in pockets or bags, move the key lock switch to lock position (red color visible).



When the key lock is active, all buttons on the remote control are disabled. The following icon is displayed.



Programming connection

This connection is only to be used by your Hearing Care Professional for programming the remote control.



- Attach the cover by sliding it onto the remote control.



Date and time setting are displayed.

If the Smart Remote is without battery power for an extended period, date and time may no longer be correct. This can be manually corrected. Refer to sections "Setting the time" and "Setting the date".

Checking the battery status

When the batteries of the remote control are low, this is indicated in the status bar.

Additionally, you can check the battery status at any time in the menu.



- To enter the menu, press the volume up button and the volume down button simultaneously.
- Navigate to the menu entry **Info** by pressing the volume up button or the volume down button.
- Confirm your selection by pressing the program change button.

The battery status is displayed:

battery full



battery empty



- To return to the standard display, press the program change button.

Remove empty batteries immediately and dispose of them according to local regulations.

Daily use

Adjusting the volume

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

- ▶ Press the volume up button or the volume down button to adjust the volume by one step.

Changing the hearing program

If you are wearing two hearing instruments, the hearing program will be changed on both instruments. The procedure for changing the hearing program differs for the unprogrammed and the programmed Smart Remote.

Unprogrammed Smart Remote

- ▶ Press the program change button to switch to the next hearing program.



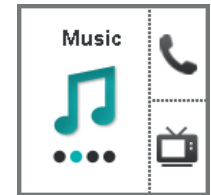
Programmed Smart Remote

- ▶ Press the program change button repeatedly until the icon of the desired hearing program is displayed.

or

- ▶ Press the control button next to the icon for direct access to the desired hearing program.

The control buttons have to be configured by your Hearing Care Professional.



Turning on and off (mute)

You have several options to turn your hearing instruments on and off with your remote control. Both hearing instruments are simultaneously turned on or off.

When you turn your hearing instruments off via remote control, the following icon is displayed.

After turning on, the previously used volume and hearing program are set.



Turning off via control button

- Press the control button next to the following icon to turn your hearing instruments off.

The control buttons have to be configured by your Hearing Care Professional.



Turning off via menu

(for programmed Smart Remote only)

- To enter the menu, press the volume up button and the volume down button simultaneously.
- Navigate to the menu entry **HI Mute / Unmute** by pressing the volume up button or the volume down button.
- Confirm your selection by pressing the program change button.

Turning on

- To turn your hearing instruments back on, press any key or move the key lock switch to unlock position (green color visible).

Alarm clock

You can set a daily alarm clock reminder with a repeating signal tone and an alarm clock icon.



The alarm is initiated by the remote control but the acoustic signal is emitted by your hearing instruments.

- ▶ Turn on your hearing instruments.
 - ▶ Keep your hearing instruments within the remote control's operating distance.
- Otherwise you will not be able to hear the alarm.

Setting the alarm clock

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
 - ▶ Navigate to the menu entry **Alarm** by pressing the volume up button or the volume down button.
 - ▶ Confirm your selection by pressing the program change button.
- The entry field for hours is highlighted.
- ▶ Set the hours by pressing the volume up button or the volume down button.



- ▶ Confirm your setting by pressing the program change button.

The entry field for minutes is highlighted.

- ▶ Set the minutes by pressing the volume up button or the volume down button.

- ▶ Confirm your setting by pressing the program change button.

The alarm on/off selection field is highlighted.

- ▶ Press the volume up button or the volume down button to position the cursor next to alarm clock on:



- ▶ Confirm your selection by pressing the program change button.

When the alarm clock is turned on, this is indicated in the status bar.



Ending the alarm

When the alarm clock rings, a corresponding icon is displayed on the remote control.

If you do not end the alarm, it is repeated within the next minutes.

- ▶ To end the alarm, press any button.

The alarm clock will ring at the same time on the next day.



Turning the alarm clock off

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Alarm** by pressing the volume up button or the volume down button.
- ▶ Confirm your selection by pressing the program change button.


The entry field for hours is highlighted.



- ▶ Press the program change button twice to skip the entry fields for hours and minutes.

The alarm on/off selection field is highlighted.



- ▶ Press the volume up button or the volume down button to position the cursor next to alarm clock off:

- ▶ Confirm your selection by pressing the program change button.

Set-up and service functions

Setting the time

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Time** by pressing the volume up button or the volume down button.
- ▶ Confirm your selection by pressing the program change button.

The entry field for hours is highlighted.

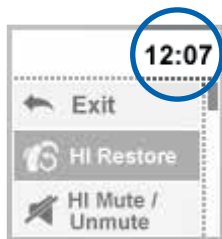
- ▶ Set the hours by pressing the volume up button or the volume down button.
- ▶ Confirm your setting by pressing the program change button.

The entry field for minutes is highlighted.

- ▶ Set the minutes by pressing the volume up button or the volume down button.
- ▶ Save the settings by pressing the program change button.

The time is displayed.

The time is always displayed in the header of the menu. To enter or exit the menu, press the volume up button and the volume down button simultaneously.



Setting the date (for programmed Smart Remote only)

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Date** by pressing the volume up button or the volume down button.
- ▶ Confirm your selection by pressing the program change button.

The entry field for days is highlighted.

- ▶ Set the day by pressing the volume up button or the volume down button.
- ▶ Confirm your setting by pressing the program change button.

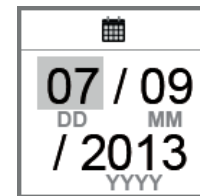
The entry field for months is highlighted.

- ▶ Set the month by pressing the volume up button or the volume down button.
- ▶ Confirm your setting by pressing the program change button.

The entry field for years is highlighted.

- ▶ Set the year by pressing the volume up button or the volume down button.
- ▶ Save the settings by pressing the program change button.

The date is displayed.



Resetting volume and hearing program (for programmed Smart Remote only)

If you have made changes to volume or program and do not know why the hearing instruments are acting the way they are, you can manually set the **default** volume and hearing program for your hearing instruments.

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **HI Restore** by pressing the volume up button or the volume down button.
- ▶ Confirm your selection by pressing the program change button.

The hearing instruments are reset and a corresponding icon is displayed.



i

- ▶ You can also reset the hearing instruments by pressing the control button next to the following icon.



The control buttons have to be configured by your Hearing Care Professional.

Displaying contact data

If your Hearing Care Professional has saved his or her contact data on the remote control, you can view this information:

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Contact** by pressing the volume up button or the volume down button.
- ▶ Confirm your selection by pressing the program change button.

The contact data is displayed.



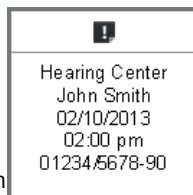
- ▶ To return to the standard display, press the program change button.

Service notifier

Your Hearing Care Professional can set a service notifier that reminds you of the next service date.

When the service notifier is due, a corresponding icon is displayed on the remote control and an acoustic signal is played.

If you do not acknowledge the service notifier, the acoustic signal and the icon display are repeated within the next minutes.



- ▶ To acknowledge the service notifier, press any button.

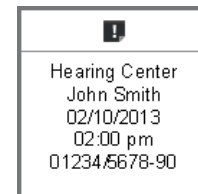
Additionally, you can check your next service date at any time in the menu:

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Service** by pressing the volume up button or the volume down button.

This menu entry is only available, if your Hearing Care Professional has set the service notifier.

- ▶ Confirm your selection by pressing the program change button.

The next service date together with your Hearing Care Professional's contact data is displayed.



- ▶ To return to the standard display, press the program change button.

Setting the language of the menu

- ▶ Ask your Hearing Care Professional.

Pairing hearing instruments with Smart Remote (for unprogrammed Smart Remote only)

This section is intended for Hearing Care Professionals.

The hearing instruments have to be paired once with Smart Remote. Your Hearing Care Professional will do this using professional software.

For selected hearing instrument models, the **unprogrammed** Smart Remote can also be paired without software. Smart Remote is made to be compatible with the previous generation of hearing instruments that were supported by Smart Remote 1.0. On top of this, in order to support the new generation of hearing instruments, you need to perform the below pairing process (only once) before you start using the new Smart Remote with the latest generation of hearing instruments.

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Info** by pressing the volume up button or the volume down button.
- ▶ Confirm your selection by pressing the program change button.

The battery status is displayed.

- ▶ Scroll down by pressing the volume down button.

The serial number and other information are displayed.

- ▶ Press and hold the lower control button and the volume down button simultaneously for 5 seconds.

Smart Remote prompts you to restart the hearing instruments (refer to the picture).



- ▶ To restart the hearing instruments, open and close the battery compartments of both hearing instruments.
Wait until the hearing instruments are on and the startup melody has finished.

- ▶ Confirm that the hearing instruments have been restarted: Navigate to the green hook and press the program change button.

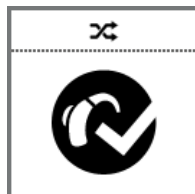
If Smart Remote has entered power save mode, press the program change button to activate the display again.



- ▶ Confirm that an acoustic signal was played by **both** hearing instruments: Navigate to the green hook and press the program change button.

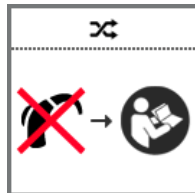


When pairing is successfully finished, a corresponding symbol is displayed. You can now use Smart Remote.



If the hearing instruments could not be paired, you have the following options:

- Ensure that the hearing instruments are within operating distance.
- Ensure that you have appropriate hearing instrument models.
- Check that both hearing instruments and Smart Remote are working correctly (battery status, ...).
- Reset Smart Remote to factory settings and try again.



Resetting Smart Remote to factory settings

- ▶ To enter the menu, press the volume up button and the volume down button simultaneously.
- ▶ Navigate to the menu entry **Info** by pressing the volume up button or the volume down button.

- ▶ Confirm your selection by pressing the program change button.

The battery status is displayed.

- ▶ Scroll down by pressing the volume down button.

The serial number and other information are displayed.

- ▶ Press and hold **both** control buttons simultaneously for 5 seconds.

Smart Remote prompts you to confirm the reset (refer to the picture).



- ▶ Confirm that the hearing instruments are to be reset: Navigate to the green hook and press the program change button.



When Smart Remote is reset, a corresponding symbol is displayed.



Maintenance and care



NOTICE

- ▶ Do not put your remote control in water!
- ▶ Do not clean your remote control with alcohol or benzine.
- ▶ Clean the remote control as necessary with a soft cloth and use a nonabrasive household soap.
- ▶ Avoid abrasive cleaning liquids with additives such as citric acid, ammonia, etc.



Troubleshooting

Problem and possible solutions

The remote control does not work.

- Check, if the key lock is activated. Deactivate it, if necessary.
- Change the batteries.

Another remote control affects your hearing instruments.


- Return remote control and hearing instruments to your Hearing Care Professional. Your Hearing Care Professional can change the wireless address to avoid interference.

Consult your Hearing Care Professional if you encounter further problems.





Important information

Intended use

The remote control is intended to operate hearing instruments.

 Use the remote control only as described in this user guide.

Explanation of symbols

-  Points out a situation that could lead to serious, moderate, or minor injuries.
-  Indicates possible property damage.
-  Advice and tips on how to handle your device better.
-  Read and follow the instructions in the user guide.

Transport and storage conditions

During extended periods of transport and storage, please observe the following conditions:

	Storage	Transport
Temperature	10 to 40 °C	-20 to 60 °C
Relative humidity	10 to 80 %	5 to 90 %


For other parts, such as batteries, other conditions may apply.

Disposal information


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).

 **NOTICE**

- Recycle hearing instruments, accessories and packaging according to national regulations.


 **NOTICE**

- To avoid environmental pollution, do not throw batteries into household trash.
- Recycle or dispose of batteries according to national regulations or return them to your Hearing Care Professional.

Technical information

Smart Remote
FCC: SGI-WL700
IC: 267AB-WL700
Operating frequencies: $F_c = 3.28 \text{ MHz}$
Maximum field strength @ 10m: -7 dB μ A/m
Maximum field strength @ 30m: 28.5 dB μ V/m

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

 N14203 (EMC and radio communications compliance label Australia)

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

Changes or modifications made to this equipment not expressly approved by Sivantos GmbH for compliance may void the FCC authorization to operate this equipment.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

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.

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 to 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.

Conformance information

With the CE marking Sivantos confirms compliance with the European Directive 93/42/EEC concerning medical devices and the European Directive 99/5/EC (R&TTE) concerning radio and telecommunications terminal equipment.



Important safety information

Personal safety



WARNING

Choking hazard!

Your device contains small parts which can be swallowed.

- ▶ Keep hearing instruments, batteries and accessories out of reach of children and mentally disabled persons.
- ▶ If parts have been swallowed consult a physician or hospital immediately.



WARNING

Risk of injury!

- ▶ Do not use obviously damaged devices and return them to point of sale.



WARNING

Note that any unauthorized changes to the product may cause damage to the product or cause injury.

- ▶ Use only approved parts and accessories. Ask your Hearing Care Professional for support.



WARNING

Risk of strangulation!

- ▶ Ensure that the lanyard does not get entangled, e. g. in moving mechanical parts of machines.
- ▶ Use only the delivered breakaway lanyard. It will automatically detach when entangled.
- ▶ Do not use the lanyard for children under the age of twelve.



WARNING

Risk of affecting electronic equipment!

- ▶ In areas where the use of electronics or wireless devices are restricted, verify if your device has to be turned off.



WARNING

Wireless systems may interfere with measuring devices and electronic equipment.

- ▶ Do not use your device in hospitals or airplanes.



WARNING

Risk of interference with active implants or life support systems!

If you wear a pacemaker:

- ▶ Carry the remote control at a safe distance of about 12 inches (30 cm) away from the pacemaker.
- ▶ Do not carry the remote control:
 - in your breast pocket,
 - with a lanyard around your neck,
 - or directly on the skin over the active implant.

For all other active implants or life support systems:

- ▶ Prior to use, have the electromagnetic compatibility verified.



WARNING

Risk of explosion!

- ▶ Do not use your remote control in explosive atmospheres (e. g. in mining areas).



Radiofrequency radiation exposure Information

The radiated output power of the device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized.

Product safety



NOTICE

- ▶ Protect your devices from extreme heat. Do not expose them to direct sunlight.



NOTICE

- ▶ Protect your devices from high humidity.



NOTICE

- ▶ Do not dry your devices in the microwave oven.

**NOTICE**

Different types of strong radiation, e. g. during X-ray or MRI head examinations, may damage devices.

- ▶ Do not use the devices during these or similar procedures.

Weaker radiation, e. g. from radio equipment or airport security, does not damage the devices.



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

- ▶ Refer to local authorities for further information.

**NOTICE**

Your hearing instruments are designed to comply with international standards on electromagnetic compatibility but interference with nearby electronic devices could occur. In this case, move away from the source of interference.

**NOTICE**

For instruments with wireless connectivity:

When the telecoil program is active, the remote control may cause a pulsing noise.

- ▶ Use the remote control with a distance greater than 10 cm (4 inches).

**NOTICE**

- ▶ Your remote control is programmed to exclusively communicate with your hearing instruments. If you experience problems with another person's remote control, consult your Hearing Care Professional.

Country-specific information

Manufacturer

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