

# M-Core R-Li 80

## USER GUIDE



Made for

Apple iPhone | iPad | iPod

# REXTON

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# WELCOME

Thank you for choosing our hearing instruments to accompany you through everyday life. Like anything new, it may take you a little time to become familiar with them.

This guide, along with support from your Hearing Care Professional, will help you understand the advantages and greater quality of life your hearing instruments offer.

To receive the most benefit from your hearing instruments, it is recommended that you wear them every day, all day. This will help you get adjusted to them.



## CAUTION

It is important to read this user guide and the safety manual thoroughly and completely. Follow the safety information to avoid damage or injury.



Before using your hearing instruments for the first time, fully charge them. Follow the instructions in the charger's user guide.

# YOUR HEARING INSTRUMENTS



This user guide describes optional features that your hearing instruments may or may not have. Ask your Hearing Care Professional to indicate the features that are valid for your hearing instruments.

## INSTRUMENT TYPE

Your hearing instruments are a RIC (Receiver-in-Canal) model. The receiver is placed within the ear canal and connected to the instrument via a receiver cable. The instruments are not intended for children under the age of 3 years or persons with a developmental age of under 3 years.

A power cell (lithium-ion rechargeable battery) is permanently built into your hearing instrument. This enables easy charging with our inductive charger.

The wireless functionality enables advanced audiological features and synchronization between your two hearing instruments.

Your hearing instruments feature Bluetooth® low energy\* technology allowing for easy data exchange with your smartphone, and for seamless audio streaming with your iPhone\*\*.

\* The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by the legal manufacturer of this product is under licenses. Other trademarks and trade names are those of their respective owners.

\*\* iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

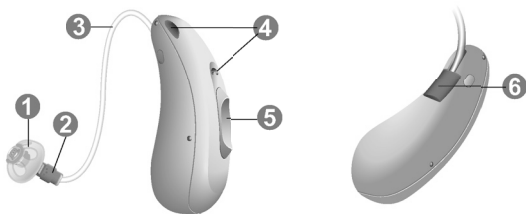
## GETTING TO KNOW YOUR HEARING INSTRUMENTS

It is recommended to familiarize yourself with your new hearing instruments. With the instruments in your hand try using the controls and note their location on the instrument. This will make it easier for you to feel and press the controls while wearing the hearing instruments.

**i**









If you have problems pressing the controls of your hearing instruments while wearing them, you can ask your Hearing Care Professional whether a remote control or a smartphone app to control your instruments is available.

## COMPONENTS AND NAMES







- 
- |                  |   |
|------------------|---|
| ① Ear piece      | ④ Microphone openings   |
| ② Receiver       | ⑤ Rocker switch (control, on/off switch)                                    |
| ③ Receiver cable | ⑥ Side indicator (red = right ear, blue = left ear) and receiver connection |
-

You can use the following standard ear pieces:

Standard ear pieces		Size
		Click Sleeve (vented or closed)
		Click Dome™ single (open or closed)
		Click Dome semi-open
		Click Dome double

You can easily exchange the standard ear pieces. Read more in section "Maintenance and care".

Custom-made ear pieces		
		Custom shell
		Click Mold™



## **CONTROLS**

With the rocker switch you can, for example, switch hearing programs. The Hearing Care Professional has programmed your desired functions to the rocker switch.

Rocker switch function	L	R
Press briefly:		
Program up/down	<input type="checkbox"/>	<input type="checkbox"/>
Volume up/down	<input type="checkbox"/>	<input type="checkbox"/>
Tinnitus Function: level up/down	<input type="checkbox"/>	<input type="checkbox"/>
TV stream on/off	<input type="checkbox"/>	<input type="checkbox"/>
Press for about 2 seconds:		
Program up/down	<input type="checkbox"/>	<input type="checkbox"/>
Volume up/down	<input type="checkbox"/>	<input type="checkbox"/>
Tinnitus Function: level up/down	<input type="checkbox"/>	<input type="checkbox"/>
TV stream on/off	<input type="checkbox"/>	<input type="checkbox"/>
Press for more than 3 seconds:		
Turn on/off	<input type="checkbox"/>	<input type="checkbox"/>

L = Left, R = Right



You can also use a remote control to change hearing programs and adjust the volume of your hearing instruments. With our smartphone app you have even more control options.

## HEARING PROGRAMS

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1

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2

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3

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4

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5

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6

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Read more in section "Changing the hearing program".

## FEATURES



The **Tinnitus Function** generates a sound to distract you from your tinnitus.

## DAILY USE

To assure comfortable and easy use of your hearing instruments they are equipped with an onboard control element. In addition we offer an app for Android as well as iPhones which makes handling your devices even easier. Contact your Hearing Care Professional for downloading and installing the smartphone app.

## CHARGING

Place your hearing instruments in the charger.

- Follow the instructions in the charger's user guide. You can also find useful tips for charging in the charger's user guide.

## LOW POWER INDICATION

You will hear an alert signal to indicate the power cell is running low. The signal will be repeated every 20 minutes. Depending on the usage of your hearing instruments, you have approximately 1.5 hours to charge your hearing instruments before they stop working.



Note that the power cell runtime is reduced if too many features are used simultaneously.

## TURNING ON AND OFF

You have the following options to turn your hearing instruments on or off.

Via charger:

- ▶ Turning on: Take the instruments out of the charger.  
The startup melody is played in your hearing instruments. The **default** volume and hearing program are set.
- ▶ Turning off: Place the hearing instruments in the charger.

Note that the charger must be connected to the power supply. For details refer to the charger's user guide.

Via rocker switch:

- ▶ Turning on: Press and hold the lower part of the rocker switch until the startup melody starts to play. Release the rocker switch while the melody is playing.

The **default** volume and hearing program are set.



- Turning off: Press and hold upper or lower part of the rocker switch for several seconds. A power down melody is played.



See also the tips for charging in the charger's user guide.

## SWITCHING TO STANDBY MODE

Via remote control or smartphone app, you can switch your hearing instruments to standby mode. This mutes the hearing instruments. When you leave standby mode, the **previously** used volume and hearing program are set.

Note:

- In standby mode, the hearing instruments are **not** turned off completely. They draw some power.

Therefore we recommend to use standby mode only for a short period of time.

- If you want to leave standby mode, but the remote control or app is not at hand: Turn your hearing instruments off and on again (via rocker switch or by shortly placing them in the charger until one or more orange LEDs light up). In this case, the **default** volume and hearing program are set.

## INSERTING AND REMOVING THE HEARING INSTRUMENTS

Your hearing instruments have been fine-tuned for your right and left ear. Colored markers indicate the side:

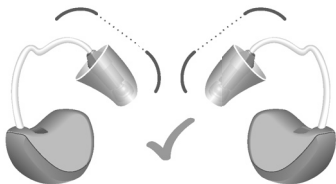
- red marker = right ear
- blue marker = left ear



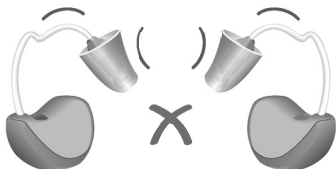
Inserting a hearing instrument:

- For Click Sleeves, take care that the bend of the Click Sleeve is in line with the bend of the receiver cable.

Correct:



Incorrect:

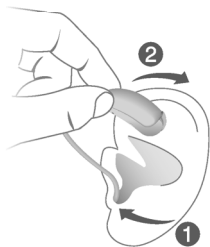




- ▶ Hold the receiver cable at the bend closer to the ear piece.
- ▶ Carefully push the ear piece in the ear canal ①.
- ▶ Twist it slightly until it sits well.

Open and close your mouth to avoid accumulation of air in the ear canal.

- ▶ Lift the hearing instrument and slide it over the top of your ear ②.



## CAUTION

Risk of injury!

- ▶ Insert the ear piece carefully and not too deeply into the ear.



- It may be helpful to insert the **right** hearing instrument with the **right** hand and the **left** hearing instrument with the **left** hand.
- If you have problems inserting the ear piece, use the other hand to gently pull your earlobe downwards. This opens the ear canal and eases insertion of the ear piece.

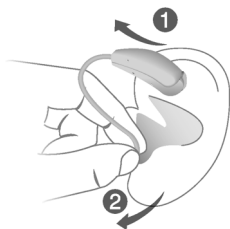
The optional retention strand helps to securely retain the ear piece in your ear. To position the retention strand:

- Bend the retention strand and position it carefully into the bottom of the bowl of your ear (refer to the picture).



### Removing a hearing instrument:

- ▶ Lift the hearing instrument and slide it over the top of your ear ①.
  - ▶ If your hearing instrument is equipped with a custom shell or a Click Mold, remove it by pulling the small removal cord toward the back of your head.
  - ▶ For all other ear pieces: Grip the receiver in the ear canal with two fingers and pull it carefully out ②.
- Do not pull the receiver cable.



### **CAUTION**

Risk of injury!

- ▶ In very rare cases the ear piece could remain in your ear when removing the hearing instrument. If this happens, have the ear piece removed by a medical professional.

Clean and dry your hearing instruments after usage.

Read more in section "Maintenance and care".

## **ADJUSTING THE VOLUME**

Your hearing instruments automatically adjust the volume to the listening situation.

- ▶ If you prefer manual volume adjustment, press the upper part of the rocker switch to increase the volume or press the lower part to decrease the volume.

Refer to section "Controls" for the setting of your rocker switch.

An optional signal can indicate the volume change. Once the maximum or minimum volume has been reached, you may hear an optional signal tone.

## **CHANGING THE HEARING PROGRAM**

Depending on the listening situation, your hearing instruments automatically adjust their sound.

Your hearing instruments may also have several hearing programs which allow you to change the sound, if needed. An optional signal tone can indicate the program change.

- To change the hearing program, press the rocker switch briefly.

Refer to section "Controls" for the setting of the rocker switch. Refer to section "Hearing programs" for a list of your hearing programs.

The default volume is applied.

## **FURTHER ADJUSTMENTS (OPTIONAL)**

You can also use the hearing instrument controls to change other features, for example, the level of the Tinnitus Function.

Refer to section "Controls" for the setting of your controls.

# SPECIAL LISTENING SITUATIONS

## ON THE PHONE

When you are on the phone, hold the telephone receiver slightly above your ear. The hearing instrument and telephone receiver have to be aligned. Turn the receiver slightly so that the ear is not completely covered.



## TELEPHONE PROGRAM

You may prefer a certain volume when using the phone. Ask your Hearing Care Professional to configure a telephone program.

- Switch to the telephone program whenever you are on the phone.

If a telephone program is configured for your hearing instruments, it is listed in section "Hearing programs".

## **AUDIO STREAMING WITH IPHONE**

Your hearing instruments are **Made for iPhone** hearing instruments. This means you can get phone calls and listen to music from your iPhone directly into your hearing instruments.

For more information about compatible iOS devices, pairing, audio streaming and other useful functions, contact your Hearing Care Professional.

## **BLUETOOTH**

Your hearing instrument is equipped with Bluetooth wireless technology to enable audio streaming from mobile phones or other compatible devices.

In an airplane, the use of Bluetooth functionality may be restricted, especially during take-off and landing. If this is the case, you can switch off Bluetooth wireless technology in your hearing instruments via the smartphone app.

# MAINTENANCE AND CARE

To prevent damage it is important that you take care of your hearing instruments and follow a few basic rules, which will soon become a part of your daily routine.

## HEARING INSTRUMENTS

### CLEANING

Your hearing instruments have a protective coating. However, if not cleaned regularly you may damage the hearing instruments or cause personal injury.

- ▶ Clean your hearing instruments daily with a soft, dry tissue.
- ▶ Never use running water or immerse the devices in water.
- ▶ Never apply pressure while cleaning.
- ▶ Ask your Hearing Care Professional for recommended cleaning products, special care sets, or more information on how to keep your hearing instruments in good condition.



### DRYING

Your charger dries the hearing instruments while charging. You can also use conventional products to dry your hearing instruments. Ask your Hearing Care Professional for recommended drying products and for individual instructions on when to dry your hearing instruments.



## STORAGE

- Short-term storage (up to several days): Turn off your hearing instruments via the rocker switch or place them in the powered charger.

The charger must be connected to the power supply. If the charger is not connected to power supply and you place your hearing instruments in the charger, the hearing instruments are **not** turned off.

Note that when you turn off the hearing instruments via a remote control or smartphone app, the hearing instruments are **not** turned off completely. They are in standby-mode and still draw some power.

- Long-term storage (weeks, months, ...): First, fully charge your hearing instruments. Turn them off via the rocker switch before storing them. We recommend using drying products while storing the hearing instruments.

At 6 month intervals you will have to charge the hearing instruments to avoid an unrecoverable deep-discharge of the power cell. Deep-discharged power cells cannot be charged anymore and they have to be replaced. We recommend recharging more frequently than 6 month intervals.

Observe the storage conditions in section "Operating, transport and storage conditions".

## EAR PIECES

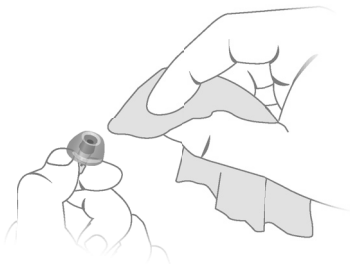
### CLEANING

Cerumen (ear wax) may accumulate on the ear pieces. This may affect sound quality. Clean the ear pieces daily.

For all types of ear pieces:

- Clean the ear piece right after removal with a soft and dry tissue.

This prevents that cerumen becomes dry and hard.



For Click Domes or Click Sleeves:

- Squeeze the tip of the ear piece.



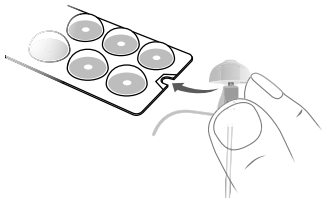
### EXCHANGING

Exchange standard ear pieces approximately every three months. Replace them sooner if you notice cracks or other changes. The procedure for exchanging

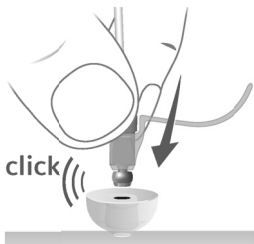
standard ear pieces depends on the type of ear piece. In section "Components and names", your Hearing Care Professional has marked your type of ear piece.

## EXCHANGING CLICK DOMES

- ▶ To remove the old Click Dome, follow the instructions on the packaging of the Click Domes. Be careful not to pull the receiver cable.

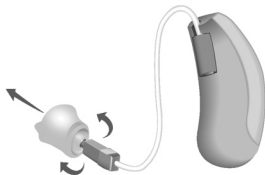


- ▶ Take particular care that the new Click Dome clicks noticeable in place.
- ▶ Check the firm fit of the new Click Dome.



## EXCHANGING CLICK SLEEVES

- ▶ Turn the Click Sleeve inside out.
- ▶ Grasp the Click Sleeve and the receiver (not the receiver cable) with your fingers and pull the Click Sleeve off.



- Take particular care that the new Click Sleeve clicks noticeably in place.



## **PROFESSIONAL MAINTENANCE**

Your Hearing Care Professional can perform a thorough professional cleaning and maintenance.

Custom-made ear pieces and wax filters should be exchanged as needed by your Hearing Care Professional.

Ask your Hearing Care Professional for your individual recommendation of maintenance intervals and for support.

# IMPORTANT SAFETY INFORMATION

This section contains important safety information regarding the power cell. For more safety information, refer to the safety manual supplied with the hearing instruments.



## **WARNING**

A power cell (lithium-ion rechargeable battery) is permanently built into your hearing instrument. Incorrect use of the power cell or the hearing instrument can cause the power cell to burst.

**Risk of injury, fire or explosion!**

- ▶ Follow the safety instructions for power cells in this section.
- ▶ Observe the operating conditions.
- ▶ Pay special attention to protect your hearing instruments from extreme heat (e.g. fire, microwave oven, inductive oven or other high-induction fields) and sunlight.
- ▶ Charge your hearing instruments only with the approved charger. Ask your Hearing Care Professional for support.
- ▶ Do not disassemble the power cell.



## **WARNING**

Incorrect use of the power cell or the hearing instrument can cause the power cell to burst.

Risk of injury, fire or explosion!

Replacement and repair have to be performed by Service Center only. Therefore:

- ▶ Do not repair or replace the power cell yourself.
- ▶ Do not use the hearing instruments when their performance after charging reduces considerably.
- ▶ In the unlikely event of a power cell bursting or exploding, keep all combustible materials away.

In any of the above cases, return your hearing instruments to the Hearing Care Professional.

# FURTHER INFORMATION

## SAFETY INFORMATION

For more safety information, refer to the safety manual supplied with the device.

## ACCESSORIES

You can use the smartphone app for convenient remote control of your hearing instruments. The app also allows you to deactivate signal tones, to create individual sound profiles and many more functions.

You can also use a remote control.

Consult your Hearing Care Professional for further information.

## OPERATING, TRANSPORT, AND STORAGE CONDITIONS

The hearing instruments operate in the following environmental conditions (also valid in between uses):

Operating conditions	Discharging	Charging
Temperature	0 to 45 °C (32 to 113 °F)	10 to 30 °C (50 to 86 °F)
Relative humidity	5 to 93 %	5 to 93 %
Atmospheric pressure	700 to 1060 hPa	700 to 1060 hPa

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

	Storage	Transport
Temperature (recommended)	10 to 25 °C (50 to 77 °F)	-20 to 60 °C (-4 to 140 °F)
Temperature (maximum range)	0 to 40 °C (32 to 104 °F)	-20 to 60 °C (-4 to 140 °F)
Relative humidity (recommended)	20 to 80 %	5 to 90 %
Relative humidity (maximum range)	10 to 80 %	5 to 90 %
Atmospheric pressure	700 to 1060 hPa	700 to 1060 hPa

Note that you have to charge the hearing instruments at least every 6 months. We recommend to charge the hearing instruments every 3 months. For details refer to section "Maintenance and care".

For other parts, such as the charger, other conditions may apply.



#### **WARNING**

Risk of injury, fire or explosion during shipment.

- Ship power cells or hearing instruments according to local regulations.

#### **DISPOSAL INFORMATION**

- To avoid environmental pollution, do not throw



power cells or hearing instruments into household trash.

- Recycle or dispose of power cells or hearing instruments according to local regulations.

## SYMBOLS USED IN THIS DOCUMENT

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Points out a situation that could lead to serious, moderate, or minor injuries.

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Indicates possible property damage.

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Advice and tips on how to handle your device better.

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"Made for iPhone", "Made for iPad", and "Made for iPod" mean that an electronic accessory has been designed to connect specifically to iPhone, iPad, or iPod, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone, iPad, or iPod may affect wireless performance.

## TROUBLESHOOTING

### Problem and possible solutions

Sound is weak.

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- Increase the volume.
  - Charge the hearing instrument.
  - Clean or exchange the ear piece.
- 

Hearing instrument emits whistling sounds.

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- Reinsert the ear piece until it fits securely.
  - Decrease the volume.
  - Clean or exchange the ear piece.
- 

Sound is distorted.

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- Decrease the volume.
  - Charge the hearing instrument.
  - Clean or exchange the ear piece.
- 

Hearing instrument emits signal tones.

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- Charge the hearing instrument.
- 

Hearing instrument does not work.

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- Turn the hearing instrument on.
  - Charge the hearing instrument. Observe also the status LEDs on the charger.
- 

Consult your Hearing Care Professional if you encounter further problems.

## **COUNTRY-SPECIFIC INFORMATION**

### **USA AND CANADA**

Certification information for hearing instruments with wireless functionality:

KIT M-Core R-Li 80

- HVIN: RFM002
- Contains FCC ID: SGI-RFM002
- Contains IC: 267AB-RFM002

## RISK MITIGATIONS (FOR INTERNAL USE ONLY)

environmental conditions.....	31
M31_2/3, M48_2/3, M95-2/3   not too deeply .....	17
M31_3/3, M48_3/3, M89_2/2, M95_3/3   remain in ear   HI .....	19
M44_1/2   sound is weak .....	34
M44_2/2   sound is distorted.....	34
M49   ask HCP .....	34
M103   cleaning .....	24
M128   Ship Liion battery according local regulations .....	32
MI301, MI302-1-4   Risk of injury, chemical hazard, fire or explosion .....	29
MI303-1-3   replacement of power cell and leaking.....	30
MI315HI   Disposal .....	32





## SERVICE AND WARRANTY

Serial numbers	Instrument	Receiver unit
Left:		
Right:		
<b>Service dates</b>		
1:	4:	
2:	5:	
3:	6:	
<b>Warranty</b>		
Date of purchase:		
Warranty period in months:		
<b>Your Hearing Care Professional</b>		



## **Legal Manufacturer**

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Germany  
Phone +49 9131 308 0

Document No. 04259-99T##-#### ##

Order/Item No. ### ## #

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