

For professionals

**MED**  **EL**

# RONDO 3

Incredibly Simple. Simply Incredible.



hearLIFE

# RONDO 3

## Cochlear Implant Audio Processor



### Simple Hearing

Whether it's cars on the road or other conversations in a restaurant, noise everywhere can disrupt the understanding of speech. But not with RONDO 3. Two directional microphones, three types of enhanced noise reduction and Adaptive Intelligence provide for superior hearing performance in any environment.

### Simple Handling

No cables, no changing batteries, no hassle. RONDO 3 is pre-charged and ready to use straight out of the box. It is light, extremely slim and barely visible on the head. The battery is fully integrated, provides power for all day and can be charged wirelessly. It couldn't be any more convenient.

### Simple Connectivity

AudioLink enables wireless streaming and has an integrated microphone for telephone calls or meetings. RONDO 3 settings can be adjusted via the FineTuner Echo or the AudioKey 2 App. With the app, parents can regularly monitor their children's audio processor and, if necessary, even locate it.



#### Manage via Smartphone

The new AudioKey 2 App allows users to check RONDO 3's status and battery level as well as adjust settings from their smartphone.



#### Blend In or Stand Out

With a variety of Design Covers, RONDO 3 can either nearly disappear or transform into an instant eye-catcher.



#### Easy Compatibility

RONDO 3 is compatible with all MED-EL multi-channel cochlear implants and with all brands and types of hearing aids.



#### Swim and Splash Around

An accidental spill or splash of water won't hurt RONDO 3. And with WaterWear it can even be used while going for a swim.



#### Cut Costs

Since the battery is integrated and rechargeable, users save time and money and avoid unnecessary hassles.



#### Complete Comfort

User's ears are completely free with RONDO 3. The result is outstanding comfort, especially for those with glasses.

## Power for All Day



#### Inductive Charging

The integrated battery can be fully charged within 3 hours and provides enough power for hearing from morning until night.

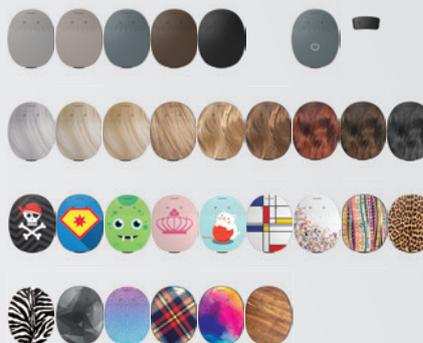
# Technical Data

## RONDO 3 Single-Unit Audio Processor (Me1550)



Actual Size

### Covers



### RONDO 3 Audio Processor (Me1550)

#### Product Features

- All-in-one design
- 14.7 g with Mini Cover and magnet M1; 15.9 g with Standard Cover and magnet M1
- Water-resistant according to IP68 standard: RONDO 3 is resistant to water splashes and submersion (up to a maximum depth of 1 m for 60 minutes).
- Frequency range 70-9300 Hz
- Dual microphones
- Automatic Sound Management 3.0
- Extended datalogging
- Battery status indication via LED
- Link Monitoring function with LED indicator
- Continuous volume and sensitivity control via FineTuner Echo or AudioKey 2
- Four program positions
- Additional fixation options
- Diametric magnet available in 5 strengths, axial magnet available in 5 strengths
- Housing: Mixture of polycarbonate and acrylonitrile-butadiene-styrol polymer
- Biocompatible according to ISO 10993-1
- Latex-free\*

#### Rechargeable Battery

- Integrated lithium-ion battery
- Up to 24 hours of use per charge\*\*
- Wireless recharging
- Power supply and simultaneous charging possible via Charging Cable (e.g. connection to power bank)
- Battery life expectancy is typically more than 5 years

#### Covers

- 5 Standard Covers (matte)
- 5 Simplicity Covers
- 24 Design Covers
- 1 Mini Cover (black)

#### Connectivity

- 2.4 GHz wireless communication
- Music streaming via AudioLink
- Telecoil adapter
- Direct connectivity to assistive listening devices via Mini Battery Pack

#### Compatibility

- Compatible with all MED-EL multichannel cochlear implants
- MAX Programming Interface
- MAESTRO System Software 9.0 or later
- Bimodal use: compatible with all hearing aids

### Sound Processing Features

#### Front-End Processing

- Microphone Directionality (Omni, Natural, Adaptive)
- Adaptive Intelligence
- Automatic Volume Control with Dual-Loop AGC
- Wind Noise Reduction
- Ambient Noise Reduction
- Transient Noise Reduction
- Input Dynamic Range (IDR) of 78 dB

#### Sound Coding Strategies

- FS4 (Fine Structure Processing up to 1 kHz on 4 apical channels)
- FS4-p (Fine Structure Processing up to 1 kHz on 4 apical channels with intelligent parallel stimulation for even higher temporal accuracy)
- FSP (Fine Structure Processing typically up to 350 Hz on 2 apical channels)
- HD-CIS (High Definition CIS)
- Biphasic or triphasic stimulation pulses
- Supports 250 spectral bands

### Accessories

#### AudioLink

- Dimensions: 68 x 38 x 17.5 mm
- Weight: 35 g
- 2.4 GHz wireless communication
- Remote microphone
- Hands-free phone calls
- TV streaming
- Music streaming (wireless with Audio2Ear App)
- Direct audio input (DAI)

#### AudioKey 2 App

- Remote control
- Guardian function
- Datalogging
- Find My Processor
- Battery status

#### FineTuner Echo Remote Control

- Dimensions: 104 x 38 x 11 mm
- Weight: 32 g (including battery)
- Bidirectional communication
- Display
- Troubleshooting
- Battery status

#### WaterWear cover

- Waterproof up to 4 m deep for 2 hours (according to IP68 standard)
- Can be used in salt water, fresh water and chlorinated water

#### Charging Pad

- USB port: 5 V DC, 1 A
- USB power supply: 100-240 V AC (~50/60 Hz)
- Wireless Qi Charging Protocol

Detailed information and specific usage instructions for each product can be found in its respective user manual.

All functions and features may not be available in all markets.

\* Whereby "free" means "not made with latex" according to current FDA guidance: "Recommendations for Labeling Medical Products to Inform Users that the Product or Product Container is not Made with Natural Rubber Latex", 2014.

\*\* Battery life dependent on individual usage.

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