

For Professionals

MED  **EL**

SONNET Audio Processor

In Any Listening Environment



hearLIFE

SONNET Audio Processor

In Any Listening Environment

Great Hearing Performance

Dual microphones enable microphone directionality for optimal hearing in any setting.

Hands-Free Control

Automatic Sound Management 2.0 intelligently adapts to changing listening environments.

60 Hours Battery Life

Go for up to 4 days at full performance on just 2 zinc-air batteries.

Secure Connection

DL-Coil with integrated link-check makes it easy to see implant is properly connected.



AudioStream

The AudioStream cover allows direct wireless streaming in true stereo from smartphones and tablets with *Bluetooth*[®] Low Energy.

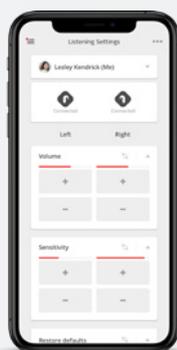
- Stream music
- Wireless phone calls
- Ideal for bilateral users



AudioLink

Stream audio wirelessly with the AudioLink all-in-one connectivity accessory.

- Bluetooth streaming
- Direct audio input
- Remote microphone



AudioKey 2

Control listening settings, check usage statistics, and manage multiple users. Parents can use the app to easily keep track of their child's hearing.

- Remote control functionality
- Find My Processor
- Guardian roles
- Send feedback



FineTuner Echo

This compact remote control with bi-directional communication can be used as an alternative to the AudioKey 2 app.

- ePaper display
- Test audio processor microphones
- Bilateral support

The AudioKey 2 functions mentioned above can be used when the SONNET audio processor and the smartphone are connected via AudioLink.

For compatibility details and devices, go to go.medel.com/AudioStream and go.medel.com/AudioKey2.

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For more natural hearing in any listening environment



Effortless Listening

Automatic Sound Management 2.0 actively adapts for optimal hearing in any listening environment.

Microphone Directionality

Microphone directionality reduces background noise and focuses on sounds to the front for better hearing in noise.

Automatic Volume Control

Automatic Volume Control with Dual-Loop AGC seamlessly adjusts volume levels to ensure every sound is comfortable and clear.

Wind Noise Reduction

Wind noise reduction minimises continuous wind noise for improved listening in outdoor environments.

Design Covers

It's easy to customise SONNET with Design Covers for the DL-Coil. There are 24 designs, including artistic patterns, and even hair textures to help the coil disappear.



Ready for Water

Rain or shine, the water-resistant SONNET delivers the best hearing possible in any listening environment. And SONNET can be given full waterproof protection with the WaterWear covers.



Rechargeable Batteries

Easy-to-use rechargeable batteries provide up to ten hours of hearing on a single charge.

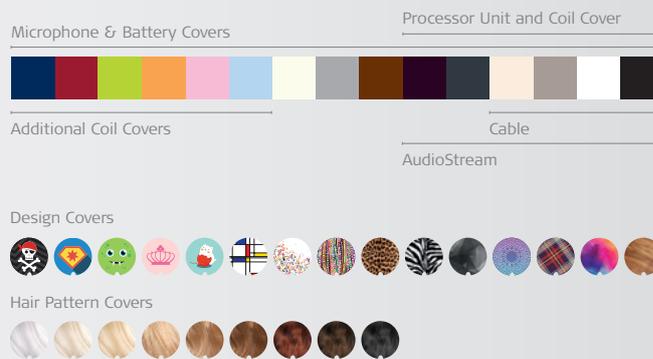
Technical Data

SONNET Audio Processor (Me1310) SONNET EAS Audio Processor (Me1320)



SONNET Color Options

- 6 base colors for control unit and AudioStream
- 4 color options for coil cable
- 15 color options for microphone cover (glossy) and battery pack cover
- 12 color options and 24 design covers available for DL-Coil



Weight and Dimensions

- 6.1 g (with ActiveWear)
- 10.6 g (Me1310 with two 675 zinc-air batteries)
- 11.3 g (Me1320 with two 675 zinc-air batteries)
- DL-Coil: 4.6 g, 32.8 mm x 5.8 mm
- DL-Coil: 5 magnets available in 9 strengths
- Durable coil cables available in 3 lengths: 6.5 cm (2.6 in), 9 cm (3.5 in), 28 cm (11.0 in)

Material

- Processor & Coil: Mixture of polycarbonate and acrylonitrile-butadiene-styrol polymer
- Earhook: Polyamide (PA)
- Cable: PVC and TPE Evoprene
- Biocompatible according to ISO 10993-1
- Latex-free*

Compatibility

- Compatible with all MED-EL multichannel cochlear implants
- MAX Programming Interface
- MAESTRO System Software 6.0 or later
- Compatible with hearing aids of all brands and types

Product Features

- Frequency Range 70-8500 Hz
- Splash-proof design with IP54 rating
- Dual microphones
- Datalogging
- Tamperproof design
 - Secured earhook
 - Locking battery pack

- Choking hazard avoidance
- Additional fixation options
- Locking coil cable (locked to coil and control unit)
- Link-check function with LED indicator
- Four program positions
- Continuous volume and sensitivity control with FineTuner or AudioKey 2 app
- Supports Electric-Acoustic Stimulation (EAS)

Sound Processing Features

Front-End Processing

- Automatic Sound Management 2.0 (ASM 2.0)
- Microphone directionality
- Wind noise reduction
- Automatic Volume Control with Dual-Loop AGC
- 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

Connectivity

Technology

- 2.4 GHz wireless communication
- Direct wireless audio streaming via Bluetooth Low Energy with AudioStream
- True stereo sound quality
- Support for bilateral usage
- Integrated telecoil

Accessories

AudioLink

- Dimensions: 68 x 38 x 17.5 mm
- Weight: 35 g
- Remote microphone
- Hands-free phone calls
- TV streaming
- Music streaming
- Direct audio input (DAI)

AudioKey 2 app

- Remote control functionality
- Guardian roles
- Find My Processor
- Send feedback

FineTuner Echo

- Dimensions: 104 x 38 x 11 mm
- Weight: 32 g (including battery)
- Compact remote control with bi-directional communication
- ePaper Display
- Test audio processor microphones
- SONNET battery status

WaterWear cover

- Waterproof up to 4 m depth
- Can be used in salt, fresh and chlorinated water

Battery Options

Zinc-Air Batteries

- Up to 60 hours of use with a set of 2 disposable zinc-air 675 batteries

Rechargeable Battery Standard

- Dimensions: 22 x 14 x 7 mm
- Processor weight with battery: 9.1 g
- Usage time: Up to 10 hours
- Charging duration: ~4 hours
- Charging/discharging: >5000 cycles (80% capacity)**

Rechargeable Battery Micro

- Dimensions: 16 x 14 x 7 mm
- Processor weight with battery: 8.1 g
- Usage time: Up to 7 hours
- Charging duration: ~3 hours
- Charging/discharging: >5000 cycles (80% capacity)**

Charging Unit

- 4 simultaneous charging slots
- Power & charging indicator lights
- USB powered: 5V DC, 500 mA
- USB power adapter: 100-240V AC (~50/60 Hz)

* 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.

** Charging cycles dependent on individual usage.

Please find detailed information and specific conditions for use for each product in the respective instructions for use.

All functions and features may not be available in all markets. Enabling features on the hardware may be subject to technical considerations.