

MED⁹EL

INFORMATION FOR PROFESSIONALS

Made For You

SONNET 2 AUDIO PROCESSOR



SONNET 2 Audio Processor

Made for You

Hands-Free Control
Automatic Sound Management intelligently adapts to changing listening environments

Flexible Power Options
Get up to 4 days on 2 zinc-air batteries or go with lightweight rechargeable options

Dual Microphones
Dual microphones enable Microphone Directionality for optimal hearing in any setting

Superior Child Safety
Ideal choice for children with tamperproof design, link-check LED, & locking coil connections



Made for Water

Rain or shine, the water-resistant SONNET 2 is protected in any listening environment. WaterWear covers provide a completely waterproof wearing option.



Made for Style

Thousands of color options and exchangeable design covers make it easy to match any style.

Made for Wireless Connectivity

2.4 GHz wireless connectivity enables clear phone calls in any setting. Connect AudioLink to nearly any external audio source for high-quality audio streaming. Control SONNET 2 with the AudioKey app for Android & iOS or with the FineTuner Echo remote control.



AudioLink

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

- Hands free phone calls
- Streaming music, TV and other media
- Remote microphone



AudioKey

Control listening settings, check usage statistics, and manage multiple users.

- Remote Control
- Find My Processor
- Guardian Roles



FineTuner Echo

Compact remote control with easy-to-read ePaper display and bidirectional communication.

- Bilateral Support
- Integrated Speech Processor Test Device



Made for any listening environment



Made for Effortless Listening

SONNET 2 is made for exceptional hearing performance. Automatic Sound Management seamlessly adapts for optimal hearing, even in challenging listening environments.

Microphone Directionality

Reduces noise from behind and focuses on sounds to the front for significantly better hearing in noise.

Wind Noise Reduction

Minimizes continuous wind noise for improved listening in outdoor environments.

Automatic Volume Control

Dual-Loop Automatic Gain Control optimizes volume levels for effortless listening in everyday life.



Made for Music

Closest possible match to natural sound quality for superior music appreciation.



Best for Bimodal

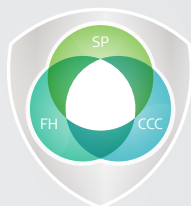
Enables exceptional hearing performance with ANY hearing aid.



Extended Datalogging

Integrated datalogging provides detailed information on usage behaviour, so you can easily tailor fitting maps to your users' individual needs.

- Wearing Time
- Listening Environments
- Input Sound Levels
- Program Usage
- AudioLink Streaming Usage



Triformance | For More Natural Hearing

SONNET features Triformance for the fullest richest range of sounds to perceive speech and music more naturally, and protect your hearing.

SP

Structure Preservation
Designed to protect the inner ear

CCC

Complete Cochlear Coverage
The Full Spectrum of Sound

FH

FineHearing™
For a Richer Hearing Experience

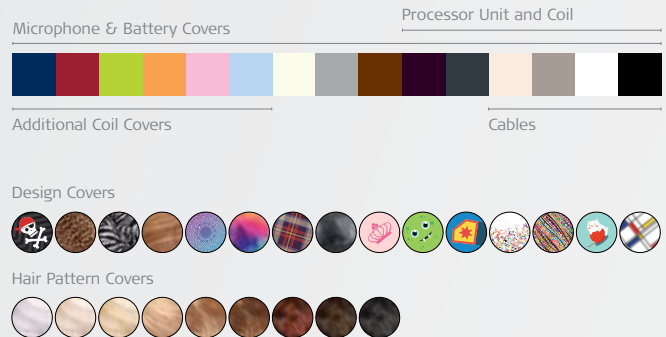
Technical Data

SONNET 2 Audio Processor (Me1510) SONNET 2 EAS Audio Processor (Me1520)

Actual Size



- 6 base colors for control unit
- 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)
- 8.1 g (with Rechargeable Battery Micro)
- 10.6 g (with two 675 zinc-air batteries)
- 11.0 g (Me1520 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

Compatibility

- Backwards compatible to all multichannel MED-EL cochlear implants
- MAX Programming Interface
- MAESTRO System Software

Product Features

- Frequency Range 70–9300 Hz
- Splash-proof design with IP54 rating
- Dual microphones
- Extended Datalogging
- Automatic Sound Management
- Tamper-proof design
 - Secured earhook
 - Locking battery pack
 - Choking hazard avoidance
 - Attachment security measures
 - Locking coil cable
- Link-check coil function with LED indicator
- Four program positions
- Continuous volume and sensitivity control with FineTuner Echo or AudioKey
- Supports Electric-Acoustic Stimulation (EAS)

Sound Processing Features

Front-End Processing

- Microphone Directionality (Omni, Natural, Adaptive)
- Automatic Volume Control with Dual-Loop AGC
- Wind Noise Reduction

Coding Strategies

- FS4 (Fine Structure Processing up to 1 kHz on up to 4 apical channels)
- FS4-p (Fine Structure Processing up to 1 kHz on up to 4 apical channels with Intelligent Parallel Stimulation and patented Channel Interaction Compensation to reduce potential channel interaction)
- FSP (Fine Structure Processing typically up to 350 Hz on 1-3 apical channels)
- HD-CIS (High Definition CIS)

Accessories

FineTuner Echo

- Dimension: 104 x 38 x 11 mm
- Weight: 32 g (incl. Battery)
- Remote control with bidirectional communication
- Display
- Troubleshooting
- Battery status

WaterWear for SONNET 2

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

Connectivity

Processor Features

- Integrated 2.4 GHz module for wireless communication
- Direct streaming for iOS and Android
- Integrated telecoil
- FM functionality via FM battery pack cover or Roger™ 21 from Phonak

AudiLink

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

AudioKey App

- Remote control
- Guardian functionality
- Datalogging
- Input selection

Battery Options

Zinc-Air Batteries

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

SONNET Rechargeable Battery

- Dimension: 22 x 14 x 7 mm
- Processor Weight with Battery: 9.1 g
- Usage time: Up to 10 hours
- Charging duration: ~4 hours
- Lifetime: >500 charging/discharging cycles

SONNET 2 Rechargeable Battery Micro

- Dimension: 16 x 14 x 7 mm
- Processor Weight with Battery: 8.1 g
- Usage time: Up to 7 hours
- Charging duration: ~3 hours
- Lifetime: >500 charging/discharging cycles

SONNET 2 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)

SONNET 2 Mini Battery Pack

- Dimensions: 66 x 29 x 14 mm
- Weight (without battery): <13 g
- Usage time: Up to 37 hours with 1 AAA battery or up to 16 hours with Rechargeable DaCapo Powerpack

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