

For Professionals

MED⁹EL

SONNET Audio Processor

In Any Listening Environment



hearLIFE

SONNET Audio Processor

In Any Listening Environment



Dual Microphones
Dual microphones enable Automatic Sound Management 2.0 for optimal hearing in any setting.

Durable Coil Cable
The flexible, reinforced coil cable provides a reliable connection from the processor to the coil.



Water-Resistant (IP54)

Rain or shine, the water-resistant and tamper-proof SONNET delivers the best hearing possible in any listening environment.



EAS Adaptability

The SONNET is available with acoustic amplification, enabling Electric Acoustic Stimulation (EAS) for candidates with partial deafness.



For more natural hearing in any listening environment

Effortless Listening

Automatic Sound Management 2.0 actively adapts to any listening environment to ensure optimal hearing performance. With ASM 2.0, there's much less need to change programs or adjust settings—so your patients can focus on what they're listening to, not on which program they'll need to hear it.



EAS Integration

The SONNET audio processor is available with acoustic amplification to provide Electric Acoustic Stimulation (EAS) for candidates with partial deafness.

Create more specific maps with expanded 6-channel acoustic fitting, and program both the acoustic and electrical components simultaneously.

With acoustic gain of up to 48 dB and a maximum power output (MPO) of 118 dB SPL across the low frequencies, the SONNET EAS is the ideal choice for recipients with partial deafness.



Microphone Directionality

Microphone Directionality focuses on sounds to the front of the listener by attenuating background noise for improved comprehension.



Wind Noise Reduction

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



Automatic Volume Control

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



Uncompromising Efficiency

Delivering exceptional 60-hour battery life without a trade-off in processor performance.



20 Years of Implant Compatibility

Fully compatible with the last 20 years of our previous cochlear implants.



Datalogging

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



Triformance | For More Natural Hearing

SONNET features Triformance for more natural hearing in any listening environment. Triformance is the combination of three MED-EL technologies that work together to deliver the most natural hearing possible for your patients.

Complete Cochlear Coverage

Stimulation of the cochlea from the base to the apical region provides recipients with the full spectrum of sound for a more natural hearing experience. Only long, flexible electrode arrays that facilitate structure preservation can be inserted fully into the cochlea, achieving Complete Cochlear Coverage for optimal hearing outcomes.

Structure Preservation

Specifically engineered for Structure Preservation to ensure cochlear integrity, FLEX electrode arrays are the most atraumatic electrode arrays available. Uniquely designed not to deviate into other scalae and ideal for both round window and cochleostomy surgical approaches, FLEX electrode arrays are recommended for safe, complete electrode insertion, ensuring a hearing future.

FineHearing™

FineHearing is the only sound coding technology that delivers a richer perception of sound in all frequencies, including deep bass tones. Our cochlear implant recipients benefit from a fuller, more accurate perception of sound through FineHearing's precise control of essential sound information—in both quiet and noisy environments.

CCC Complete Cochlear Coverage
The Full Spectrum of Sound

SP Structure Preservation
Ensuring a Hearing Future®

FH FineHearing™
For a Richer Hearing Experience

Technical Data

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



SONNET Audio Processor (Me1310)

Weight and Dimensions

10.6 g (including batteries)
Durable coil cables available
in 3 lengths:
8.5 cm (3.3 in), 11 cm (4.3 in),
28 cm (11 in)

Compatible Hardware/Software

- SYNCHRONY*, CONCERTO, SONATA, PULSAR, C40+, C40 implants
- MAX Programming Interface
- MAESTRO System Software 6.0*
- FineTuner Remote Control

Sound Coding Strategies

Available strategies via MAESTRO System Software 6.0:

- 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)

Future Compatibility

Designed for compatibility with upcoming sound coding strategies

Connectivity

- Wireless ready for 2.4 GHz applications
- Integrated telecoil
- Direct connection with FM battery cover (standardised Euro-Audio 3-pin connection)

Battery Life

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

Colour Options

6 base colours for control unit and coil



4 colour options for coil cable



15 colour options for microphone cover (glossy) and battery pack cover



Product Features

- Splash-proof design with IP54 rating
- Dual microphones
- Datalogging
- Automatic Sound Management 2.0 (ASM 2.0)
- Microphone Directionality
- Wind Noise Reduction
- Automatic Volume Control with Dual-Loop AGC
- Tamper-proof design with integrated child safety features

SONNET EAS Audio Processor (Me1320)

Weight and Dimensions

11.3 g (including batteries)
Durable coil cables available
in 3 lengths:
8.5 cm (3.3 in), 11 cm (4.3 in),
28 cm (11 in)

Compatible Hardware/Software

- SYNCHRONY*, CONCERTO, SONATA, PULSAR, C40+, C40 implants
- MAX Programming Interface
- MAESTRO System Software 6.0*
- FineTuner Remote Control

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- Microphone Directionality
- Wind Noise Reduction
- Automatic Volume Control with Dual-Loop AGC
- Tamper-proof design with integrated child safety features
- Acoustic stimulation up to 2 kHz
- 48 dB acoustic gain
- 118 dB SPL maximum power output (MPO)
- Fully digital hearing aid signal processing
- 6-channel acoustic fitting

*SYNCHRONY Cochlear Implant and MAESTRO System Software 6.0 are currently pending regulatory approval.