

For Professionals

**MED**  **EL**

# OPUS<sup>®</sup> 2 Audio Processor

Compact. Powerful. Adaptable.



hearLIFE

# OPUS 2 Audio Processor

Compact. Powerful. Adaptable.

**Compact Design**  
OPUS 2XS is exceptionally small, light, and thin for all-day wearing comfort.

**Wireless Connectivity**  
Integrated telecoil and FM battery pack with direct audio input options provide easy connectivity to assistive listening devices.



**Automatic Sound Management**  
Automatic Sound Management with dual-loop AGC adapts to provide hands-free control and optimal listening in any environment.

**20+ Years of Compatibility**  
Fully compatible with all MED-EL multichannel cochlear implants.



**WaterWear**  
OPUS 2 is fully waterproof with the WaterWear accessory. WaterWear is a sleek cover that is designed for optimal sound quality in fresh-, salt-, and chlorinated water.



## Triformance® | For More Natural Hearing

OPUS 2 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.

**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.

**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.

**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.

**SP** Structure Preservation  
Ensuring a Hearing Future®

**CCC** Complete Cochlear Coverage  
The Full Spectrum of Sound

**FH** FineHearing™  
For a Richer Hearing Experience



The ideal fit  
for every ear.

## Flexible Wearing Options

With a modular design, your patients can easily adapt OPUS 2 to fit their daily life. There are multiple wearing options to provide optimal comfort, and changing between configurations only takes a minute.



### Battery Pack Options

With three different BTE battery packs, it's easy to keep OPUS 2 powered up. Your patients can choose from up to 60 or 90 hours from zinc-air batteries, or up to 16 hours from the DaCapo rechargeable battery system.

- Standard Battery Pack
- XS Battery Pack
- DaCapo Rechargeable Battery Pack

### Childrens Battery Pack

Parents can clip the Childrens Battery Pack to clothing, so only the lightweight control unit with microphone is worn on the ear.



### BabyBTE/ActiveWear

The BabyBTE/ActiveWear is secured to clothing and worn completely off the ear, making it ideal for infants or for active individuals.



### Mini Battery Pack

The Mini Battery Pack lets recipients use either standard AAA alkaline batteries or rechargeable DaCapo batteries.



# Technical Data

## OPUS 2 Audio Processor



Actual Size OPUS 2XS

### OPUS 2 Audio Processor

#### Weight and Dimensions

9.4 g (OPUS 2XS including batteries)

10.1 g (OPUS 2 with DaCapo rechargeable battery system)

12.4 g (OPUS 2 with Standard Battery Pack and batteries)

#### Compatible Hardware/Software

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

#### Sound Coding Strategies

Available strategies via MAESTRO System Software:

- 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)

#### Connectivity

- Integrated telecoil
- Direct connection with FM battery cover (standardised Euro-Audio 3-pin connection)

#### Battery Life

- Up to 60 hours with a set of 2 zinc-air batteries (OPUS 2XS)
- Up to 90 hours with a set of 3 zinc-air batteries (OPUS 2 with Standard Battery Pack, BabyBTE/ActiveWear, or Childrens Battery Pack)
- Up to 16 hours with DaCapo rechargeable battery
- Up to 42 hours with Mini Battery Pack and AAA battery

#### Colour Options

13 colour options available



#### Product Features

- Thinnest audio processor
- Waterproof with WaterWear accessory (Standard Battery Pack or DaCapo only)
- Automatic Volume Control with Dual-Loop AGC
- Input Dynamic Range (IDR) of 78 dB (28dB - 106dB SPL)
- Multiple modular wearing options available for pediatric and adult recipients
- Four program positions
- Switch-free design
- Easy-to-use FineTuner remote control
- Continuous volume and sensitivity control
- Supports 250 spectral bands