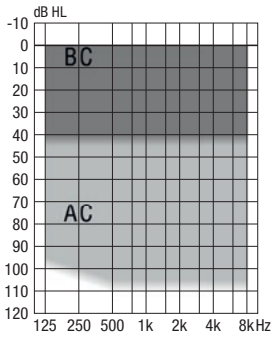
# Sentio 1 Mini
# Product Information

| Design and appearance | Sentio 1 Mini |
|---|---|
| Size (L × W × H) | 39 × 30 × 9 mm |
| Weight | 8.5 gram (Incl. magnet strength 1 and 675 battery) |
| Colours | Six colours |
| Magnets | 6 different strengths |
| IP classification | IP57 |
| LED | Customised to client's preferences |
| **Features** | |
| OpenSound Navigator™ | ✓ |
| OpenSound Optimizer™ | ✓ |
| Speech Guard™ LX | ✓ |
| Clear Dynamics | ✓ |
| Wind Noise Management | ✓ |
| Fitting bandwidth* | 10 kHz |
| Processing channels | 64 |
| Transient Noise Management | 4 configurations |
| Feedback shield LX | ✓ |
| Fitting formulas | NAL-NL1 BC; DSL BC |
| Fitting bands | 16 |
| Multiple directionality options | ✓ |
| Adjustable noise removal | Max. 9 dB |
| Number of programs | 4 |
| Power Bass | ✓ |
| Stereo Streaming (2.4 GHz) | ✓ |
| Firmware Updater | ✓ |
| Platform | Velox S |
| Battery life** | 57 – 70 hours |
| LED | ✓ |
| Tamper-resistant battery lid | ✓ |
| **Optional** | |
| Oticon Companion app | ✓ |
| ConnectClip | ✓ |
| Remote Control 3.0 | ✓ |
| TV Adapter 3.0 | ✓ |
| EduMic | ✓ |

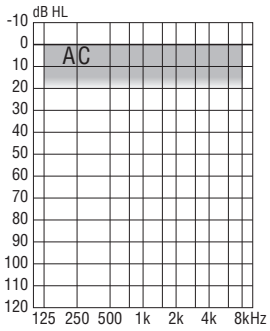
**Bandwidth accessible for gain adjustments during fitting*
***Battery size 675*

Fitting ranges for conductive/ mixed hearing loss




BC hearing losses up to and including average 45 dB HL[1]

Fitting range for single-sided deafness




AC thresholds up to and including average 20 dB HL[1]

*[1]Average of 0.5, 1, 2 and 3 kHz*

Scale 1:1

With Sentio 1 Mini, we introduce a very slim and light transcutaneous sound processor.

OpenSound Navigator has changed how bone conduction hearing aid users experience complex hearing environments. OpenSound Navigator technology opens up a 360° soundscape that preserves speech and gives access to sound from all around the user.

Sentio 1 Mini takes the pioneering OpenSound Optimizer into transcutaneous systems. Instead of just managing feedback, the OpenSound Optimizer can actually detect and prevent feedback from occurring.

Sentio 1 Mini should be fitted using Genie Medical 2024.2 or later.

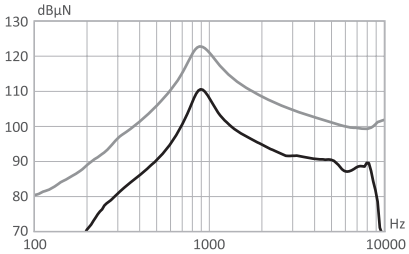
Made for iPhone | iPad | iPod



oticon MEDICAL

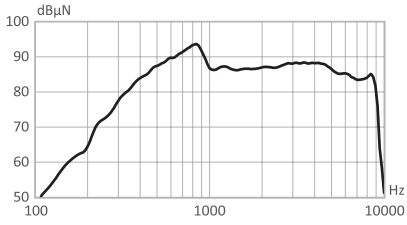
## On Skull Simulator, measured without any correction for placement

Maximum output vibratory force level



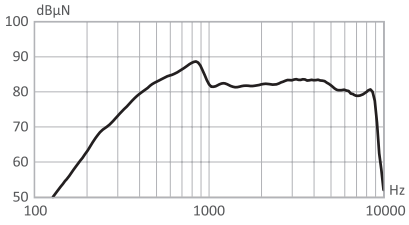

Output for 90 dB SPL input at maximum gain (FOS/A0)

Output for full-on gain




Output for 50 dB SPL input at maximum gain (FOS/A0)

Basic vibratory force level




Output for 60 dB SPL input at reference test setting (RTS/B0)

Sentio Ti Implant (capability)
Sentio Ti Implant with Sentio 1 Mini

| **Technical data** (Measured according to IEC 60118-9:2019) | |
|---|---|
| Frequency range | 200 – 9500 Hz |
| Peak maximum output vibratory force level* | 112 dBµN |
| HFA (High Frequency Average) maximum output vibratory force level* | 99 dBµN |
| Peak full-on acousto-mechanical sensitivity level* | 44 dBµN/20µPa |
| HFA full-on acousto-mechanical sensitivity level* | 37 dBµN/20µPa |
| Reference test acousto-mechanical sensitivity level* | 22 dBµN/20µPa |
| Equivalent input noise level | ‹26 dB SPL |
| Processing delay | 8 ms |
| Battery size | 675 |
| Battery current** | 6.5 mA |
| Battery voltage | 1.1 – 1.4 V |
| IRIL (IEC 60118-13:2016) User compatibility | 700/1400/2000 MHz: 32/35/35 dB SPL |
| **Total harmonic distortion (typical)** | |
| 70 dB SPL input at 500 Hz | ‹ 25% |
| 70 dB SPL input at 800 Hz | ‹ 1% |
| 65 dB SPL input at 1600 Hz | ‹ 1% |
| 60 dB SPL input at 3200 Hz | ‹ 1% |

**Measured on skull simulator without any corrections for placement.*
***Battery current is measured according to IEC 60118-9 after a settling time of a minimum of 3 minutes.*

## Operating conditions

- Temperature: +1°C to +40°C
- Relative humidity: 5% to 93%, non-condensing

## Storage and transportation conditions

Temperature and humidity should not exceed the following limits for extended periods during transportation and storage

- Temperature: -25°C to +55°C
- Relative humidity: 5% to 93%, non-condensing

FOS = Full-on setting (A0 setting in the Genie Medical Technical Measurements tool)

RTS = Reference test setting (B0 setting in the Genie Medical Technical Measurements tool)


Manufacturer:
**Oticon Medical AB**
Datavägen 37B
SE-436 32 Askim
Sweden
Tel: +46 31 748 61 00


CE 0123


27514 4en – Version A / 2024.04