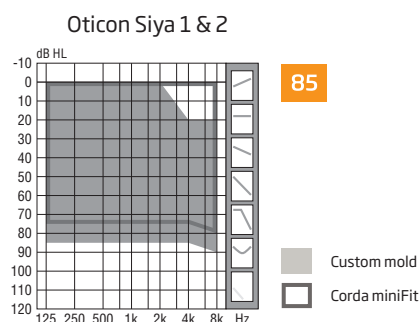


# Technical data sheet



|                                | Oticon Siya 1                        | Oticon Siya 2       |
|--------------------------------|--------------------------------------|---------------------|
| Speech Understanding           | Noise Reduction LX                   | •                   |
|                                | Multiband Adaptive Directionality LX | •                   |
|                                | Single Compression LX                | •                   |
|                                | Speech Rescue™ LX                    | -                   |
| Sound Quality                  | Fitting Bandwidth*                   | 8 KHz               |
|                                | Processing Channels                  | 48                  |
|                                | Bass Boost (streaming)               | •                   |
| Listening Comfort              | Transient Noise Management           | On/Off              |
|                                | Feedback shield LX                   | •                   |
|                                | Wind Noise Management                | •                   |
| Optimising Fitting             | Fitting Bands                        | 10                  |
|                                | Adaptation Management                | •                   |
|                                | Oticon Firmware Updater              | •                   |
|                                | Multiple Directionality options      | •                   |
|                                | Fitting Formulas                     | NAL-NL1+2, DSL v5.0 |
| Connecting to the World        | Stereo streaming (2.4 GHz)           | •                   |
|                                | Oticon ON App                        | •                   |
|                                | ConnectClip                          | •                   |
|                                | Remote Control 3.0                   | •                   |
|                                | TV Adapter 3.0                       | •                   |
|                                | DAI/FM                               | •                   |
|                                | Tinnitus SoundSupport™               | •                   |
| Expected battery life, hours** |                                      | 105-115             |

\* Bandwidth accessible for gain adjustments during fitting

\*\* Battery size 13 - IEC PR48.

Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

OTICON | Siya

BTE



Oticon Siya BTE is now offered with an 85 receiver, utilizing the 8 KHz bandwidth for excellent sound quality.

Oticon Siya is built on the powerful Velox™ platform, processing sound in 48 channels.

Oticon Siya is a Made for iPhone® hearing aid that offers a full connectivity package built with 2.4 GHz Bluetooth for advanced and streamer free connectivity.

Fully programmable with updatable firmware, the Velox platform is ready for the future.



Made for  
iPhone | iPad | iPod

IP68

For information on compatibility, please visit [www.oticon.com](http://www.oticon.com)

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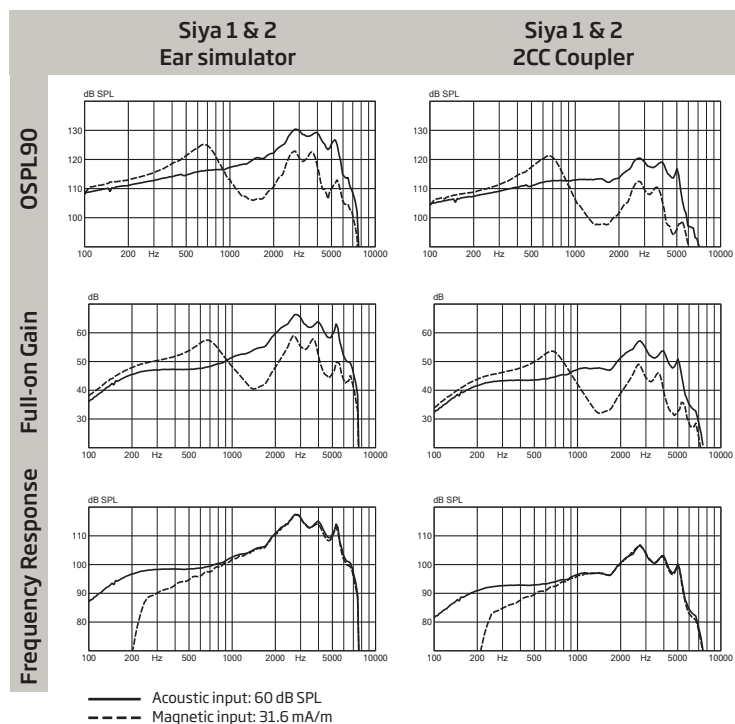
| Technical data<br>Measured according to         |               | Ear Simulator<br>IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015,<br>IEC 60118-1:1995+AMD1:1998 CSV and<br>IEC 60318-4:2010 |        | 2CC Coupler<br>ANSI S3.22-2014, IEC 60118-0:2015<br>and IEC 60318-5:2006 |        |
|-------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------|--------|
| Oticon Siya BTE                                 |               | Siya 1                                                                                                                   | Siya 2 | Siya 1                                                                   | Siya 2 |
| Frequency range Hz                              |               | 105-7500                                                                                                                 |        | 100-7000                                                                 |        |
| OSPL90                                          | Peak          | 130 (125*) dB SPL                                                                                                        |        | 120 (121*) dB SPL                                                        |        |
|                                                 | 1600 Hz       | 121 (107*) dB SPL                                                                                                        |        | 113 (98*) dB SPL                                                         |        |
|                                                 | HFA-OSPL90    | 122 (113*) dB SPL                                                                                                        |        | 115 (105*) dB SPL                                                        |        |
| Full-on gain**                                  | Peak          | 66 (59*) dB                                                                                                              |        | 57 (54*) dB                                                              |        |
|                                                 | 1600 Hz       | 55 (41*) dB                                                                                                              |        | 47 (33*) dB                                                              |        |
|                                                 | HFA-FOG       | 57 (49*) dB                                                                                                              |        | 50 (41*) dB                                                              |        |
| Reference test gain                             |               | 46 dB                                                                                                                    |        | 39 dB                                                                    |        |
| Telecoil output (1600 Hz)                       | 1 mA/m field  | 85 dB SPL                                                                                                                |        | -                                                                        |        |
|                                                 | 10 mA/m field | 105 dB SPL                                                                                                               |        | -                                                                        |        |
|                                                 | SPLITS L/R    | -                                                                                                                        |        | 97/97 dB SPL                                                             |        |
| Total harmonic distortion<br>(Input 70 dB SPL)  | 500 Hz        | < 2 %                                                                                                                    |        | < 2 %                                                                    |        |
|                                                 | 800 Hz        | 2 %                                                                                                                      |        | < 2 %                                                                    |        |
|                                                 | 1600 Hz       | < 2 %                                                                                                                    |        | < 2 %                                                                    |        |
| Equivalent input noise level                    | Omni          | 21 dB SPL                                                                                                                |        | 18 dB SPL                                                                |        |
|                                                 | Dir           | 31 dB SPL                                                                                                                |        | 28 dB SPL                                                                |        |
| Battery consumption***                          | Typical       | 1.4 mA                                                                                                                   |        | 1.7 mA                                                                   |        |
|                                                 | Quiescent     | 1.3 mA                                                                                                                   |        | 1.7 mA                                                                   |        |
| Battery life, artificial measurement, hours**** |               | 230                                                                                                                      |        | 180                                                                      |        |
| IRIL (IEC 60118-13:2016)                        |               | 700/1400/2000 MHz: 18/13/40 dB SPL                                                                                       |        |                                                                          |        |

\* For instruments fitted with Corda miniFit.

\*\* Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

\*\*\* Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

\*\*\*\* Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.



**Technical information:** Omnidirectional mode is used unless otherwise stated.

**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 +60°C  
Relative humidity: 5% to 93%, non-condensing