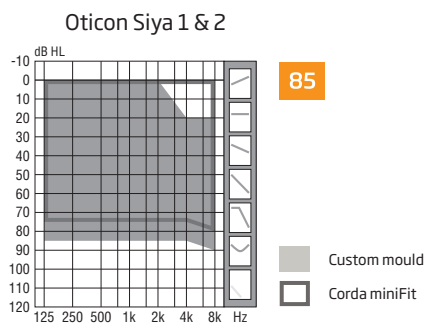


# Technical data sheet



	Oticon Siya 1	Oticon Siya 2	
<b>Speech Understanding</b>	Noise Reduction LX	•	•
	Multiband Adaptive Directionality LX	•	•
	Single Compression LX	•	•
	Speech Rescue™ LX	•	-
<b>Sound Quality</b>	Fitting Bandwidth*	8 KHz	8 KHz
	Processing Channels	48	48
	Bass Boost (streaming)	•	•
<b>Listening Comfort</b>	Transient Noise Management	On/Off	-
	Feedback shield LX	•	•
	Wind Noise Management	•	•
<b>Optimising Fitting</b>	Fitting Bands	10	8
	Adaptation Management	•	•
	Oticon Firmware Updater	•	•
	Multiple Directionality options	•	•
	Fitting Formulas	NAL-NL1+2, DSL v5.0	NAL-NL1+2, DSL v5.0
<b>Connecting to the World</b>	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	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.



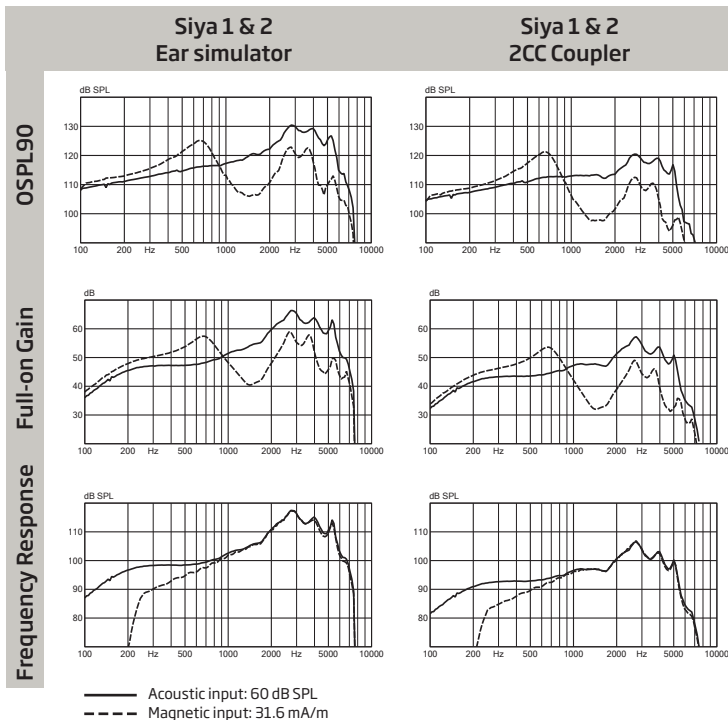
Technical data Measured according to		Ear Simulator IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010		ZCC Coupler ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006	
Oticon Siya BTE		Siya 1	Siya 2	Siya 1	Siya 2
Frequency range Hz		105-7500		100-7000	
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 (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