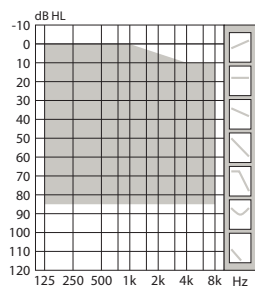


# Technical data sheet

Oticon Siya 1 & 2



85

	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	•	•
	Binaural Coordination***	•	•
<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	○	○
Tinnitus SoundSupport™***	○	○	
<b>Battery life, hours**</b>	<b>50-60 / 95-115</b>	<b>50-60 / 95-115</b>	

\* Bandwidth accessible for gain adjustments during fitting

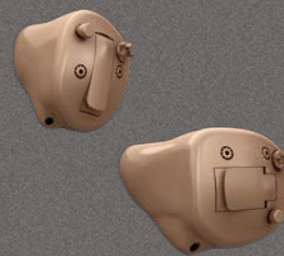
\*\* Battery size 312 - IEC PR41 / Battery size 13 - IEC PR48.

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).

\*\*\* If push button is chosen

- Default
- Optional
- Not included

## OTICON | Siya ITC, ITE HS & FS 85



Oticon Siya ITC, ITE HS & FS introduce an updated faceplate design.

Oticon Siya is built on the powerful Velox™ platform, processing sound in 48 channels for high-resolution sound quality.

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.



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

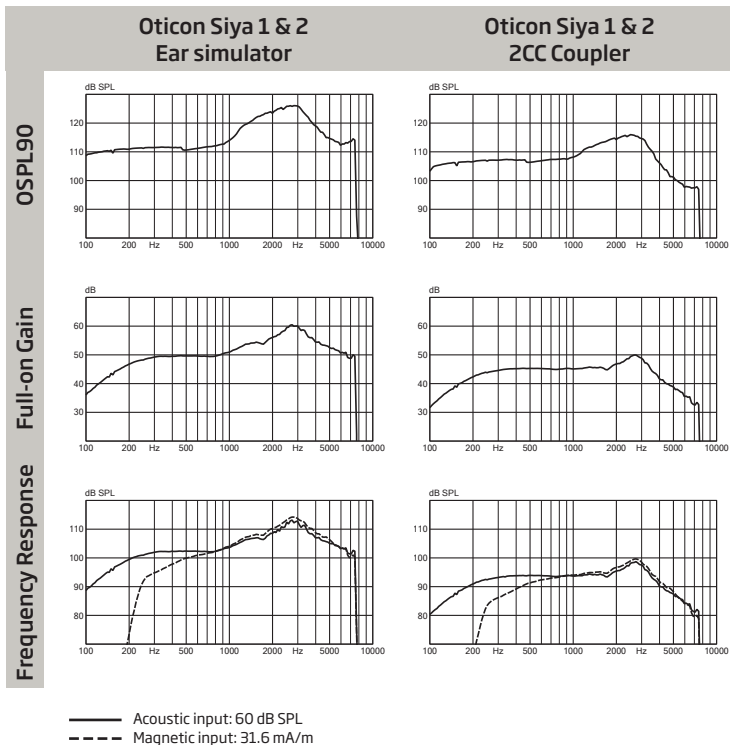


Technical data Measured according to		Ear Simulator IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010		ZCC Coupler ANSI S3.22:2014, IEC 60118-0:2015 and IEC 60318-5:2006	
Oticon Siya ITC ITE HS & FS 85		Siya 1	Siya 2	Siya 1	Siya 2
Frequency range Hz		100-7500		100-7500	
MPO-OSPL90	Peak	126 dB SPL		116 dB SPL	
	1600 Hz	122 dB SPL		113 dB SPL	
	HFA-OSPL90	121 dB SPL		112 dB SPL	
Full-on gain*	Peak	60 dB		50 dB	
	1600 Hz	54 dB		46 dB	
	HFA-FOG	55 dB		47 dB	
Reference test gain		47 dB		35 dB	
Telecoil output (1600 Hz)	1 mA/m field	84 dB SPL		-	
	10 mA/m field	104 dB SPL		-	
	SPLITS L/R	-		92/92 dB SPL	
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2 %		< 2 %	
	800 Hz	4 %		< 2 %	
	1600 Hz	3 %		< 2 %	
Equivalent input noise level	Omni	17 dB SPL		15 dB SPL	
	Dir	27 dB SPL		27 dB SPL	
Battery consumption**	Typical	1.8 mA		1.9 mA	
	Quiescent	1.7 mA		1.7 mA	
Battery life, calculated, hours 312 and 13***		100 / 170		95 / 165	
IRIL (IEC 60118-13:2016)		700/1400/2000 MHz: 19/12/10 dB SPL			

\* 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

**General features:**

- Digital Programmable
- Automatic or Manual Volume Control
- Maximum Output Control System
- MPO-Maximum Power Output
- GC-Gain Control
- AGC-Automatic Gain Control
- Noise Reduction
- Feedback Management
- Dual Microphone
- 4 Programs (when push button is selected)