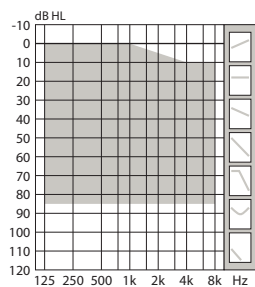


# Technical data sheet

Oticon Siya 1 & 2



85

	Oticon Siya 1	Oticon Siya 2	
<b>Speech Understanding</b>	Noise Reduction LX	•	•
	Single Compression LX	•	•
	Speech Rescue™ LX	•	-
<b>Sound Quality</b>	Fitting Bandwidth*	8 KHz	8 KHz
	Processing Channels	48	48
<b>Listening Comfort</b>	Transient Noise Management	On/Off	-
	Feedback shield LX	•	•
	Binaural Coordination***	○	○
<b>Optimising Fitting</b>	Fitting Bands	10	8
	Adaptation Management	•	•
	Oticon Firmware Updater	•	•
	Fitting Formulas	NAL-NL1+2, DSL v5.0	NAL-NL1+2, DSL v5.0
Tinnitus SoundSupport™***	○	○	
<b>Battery life, hours**</b>	60-70	60-70	

\* Bandwidth accessible for gain adjustments during fitting

\*\* Battery size 10 - IEC PR70.

Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels.

\*\*\* If NFMI and push button is chosen

- Default
- Optional
- Not included

OTICON | Siya

CIC 85



NFMI wireless technology is optional and provides binaural communication

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

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



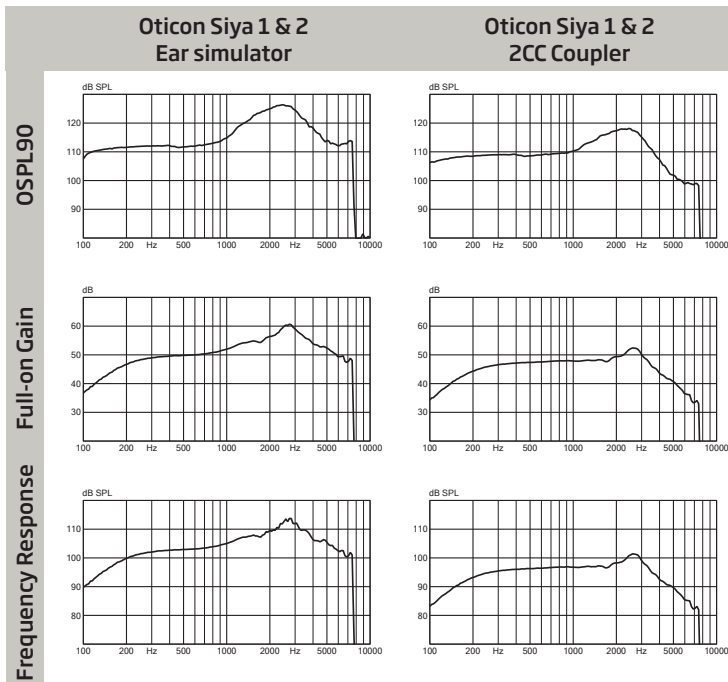
IP68

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 CIC 85		Siya 1	Siya 2	Siya 1	Siya 2
Frequency range Hz		100-7500		100-7500	
MPO-OSPL90	Peak	126 dB SPL		118 dB SPL	
	1600 Hz	123 dB SPL		116 dB SPL	
	HFA-OSPL90	121 dB SPL		115 dB SPL	
Full-on gain*	Peak	61 dB		52 dB	
	1600 Hz	55 dB		48 dB	
	HFA-FOG	56 dB		49 dB	
Reference test gain		48 dB		38 dB	
Telecoil output (1600 Hz)	1 mA/m field	-		-	
	10 mA/m field	-		-	
	SPLITS L/R	-		-	
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2 %		< 2 %	
	800 Hz	3 %		< 2 %	
	1600 Hz	4 %		2 %	
Equivalent input noise level		Omni 20 dB SPL		17 dB SPL	
Battery consumption**	Typical	1.1 mA		1.3 mA	
	Quiescent	1.0 mA		1.0 mA	
Battery life, calculated, hours***		90		80	
IRIL (IEC 60118-13:2016)		700/1400/2000 MHz: 19/11/26 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
- Single Microphone
- 4 Programs (when push button is selected)