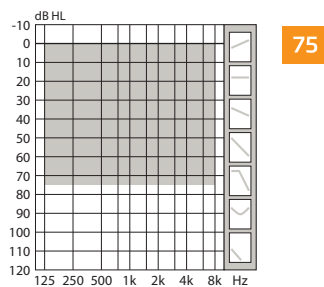


Technical data sheet

Oticon Siya 1 & 2



	Oticon Siya 1	Oticon Siya 2	
Speech Understanding	Noise Reduction LX	•	•
	Single Compression LX	•	•
	Speech Rescue™ LX	•	-
Sound Quality	Fitting Bandwidth*	8 KHz	8 KHz
	Processing Channels	48	48
Listening Comfort	Transient Noise Management	On/Off	-
	Feedback shield LX	•	•
Optimising Fitting	Fitting Bands	10	8
	Adaptation Management	•	•
	Oticon Firmware Updater	•	•
	Fitting Formulas	NAL-NL1+2, DSL v5.0	NAL-NL1+2, DSL v5.0
Battery life, hours**		70-80	70-80

* 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.

- Default
- Not included

OTICON | Siya

IIC 75



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.



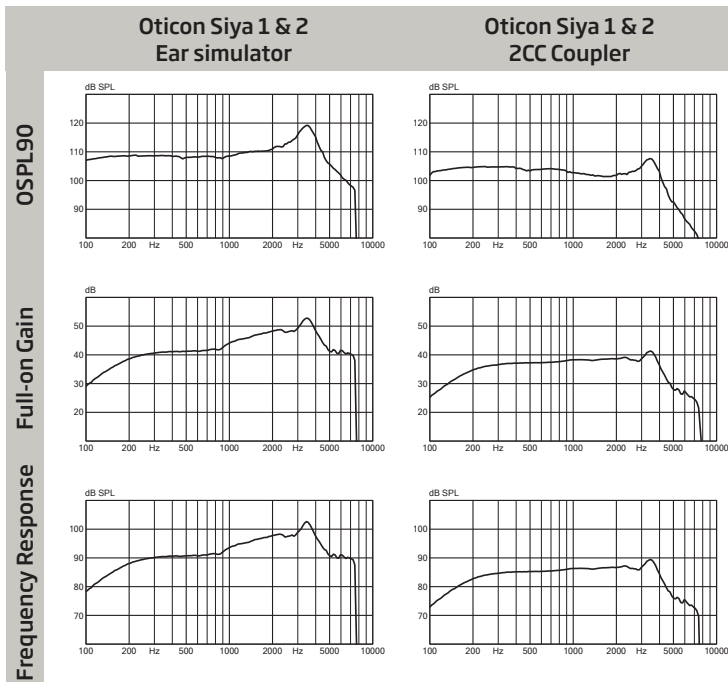
IP68

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 IIC 75		Siya 1	Siya 2
Frequency range Hz		100-7500	100-7500
OSPL90	Peak	119 dB SPL	108 dB SPL
	1600 Hz	110 dB SPL	102 dB SPL
	HFA-OSPL90	111 dB SPL	102 dB SPL
Full-on gain*	Peak	53 dB	41 dB
	1600 Hz	47 dB	38 dB
	HFA-FOG	46 dB	38 dB
Reference test gain		37 dB	26 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	2 %	2 %
	1600 Hz	3 %	2 %
Equivalent input noise level	Omni	19 dB SPL	18 dB SPL
Battery consumption**	Typical	1.0 mA	1.1 mA
	Quiescent	1.0 mA	1.0 mA
Battery life, calculated, hours***		100	90
IRIL (IEC 60118-13:2016)		700/1400/2000 MHz: 40/33/11 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