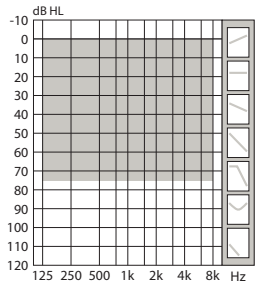
Technical data sheet

Oticon Siya 1 & 2



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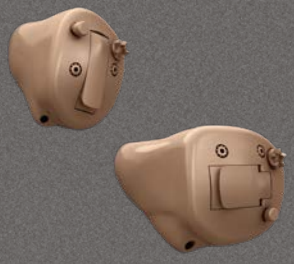
		Oticon Siya 1	Oticon Siya 2
Speech Understanding	Noise Reduction LX	•	•
	Multiband Adaptive Directionality LX	•	•
	Single Compression LX	•	•
	Speech Rescue™ LX	•	-
Sound Quality	Fitting Bandwidth*	8 KHz	8 KHz
	Processing Channels	48	48
	Bass Boost (streaming)	•	•
Listening Comfort	Transient Noise Management	On/Off	-
	Feedback shield LX	•	•
	Wind Noise Management	•	•
	Binaural Coordination***	•	•
Optimising Fitting	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
Connecting to the World	Stereo streaming (2.4 GHz)	○	○
	Oticon ON App	○	○
	ConnectClip	○	○
	Remote Control 3.0	○	○
	TV Adapter 3.0	○	○
	Tinnitus SoundSupport™***	○	○
	Battery life, hours**	55-60 / 100-115	55-60 / 100-115

* 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 choosen

• Default
○ Optional
- Not included

OTICON | **Siya**
ITC, ITE HS & FS 75



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.

Velox™

Made for iPhone | iPad | iPod

IP68

For information on compatibility, please visit www.oticon.com.

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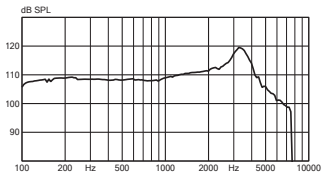
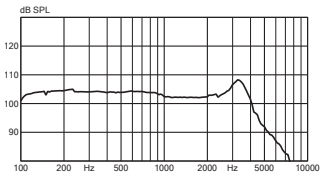
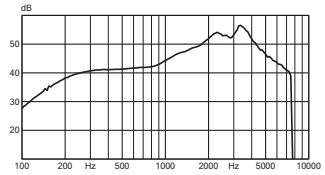
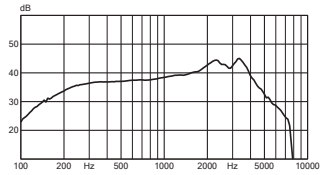
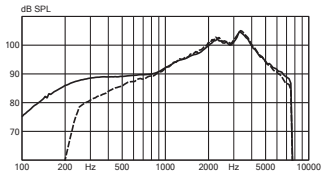
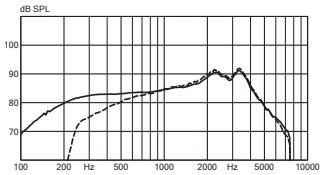
Technical data Measured according to		**Ear Simulator** IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010		**2CC Coupler** ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006	
Oticon Siya ITC ITE HS & FS 75		Siya 1	Siya 2	Siya 1	Siya 2
Frequency range Hz		110-7500		100-7500	
OSPL90	Peak	120 dB SPL		108 dB SPL	
	1600 Hz	111 dB SPL		102 dB SPL	
	HFA-OSPL90	111 dB SPL		103 dB SPL	
Full-on gain*	Peak	57 dB		45 dB	
	1600 Hz	49 dB		40 dB	
	HFA-FOG	49 dB		41 dB	
Reference test gain		37 dB		27 dB	
Telecoil output (1600 Hz)	1 mA/m field	79 dB SPL		-	
	10 mA/m field	99 dB SPL		-	
	SPLITS L/R	-		83/83 dB SPL	
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2 %		<2 %	
	800 Hz	3 %		<2 %	
	1600 Hz	4 %		<2 %	
Equivalent input noise level	Omni	18 dB SPL		16 dB SPL	
	Dir	27 dB SPL		27 dB SPL	
Battery consumption**	Typical	1.7 mA		1.8 mA	
	Quiescent	1.7 mA		1.7 mA	
Battery life, calculated, hours 312 and 13***		105 / 180		105 / 175	
IRIL (IEC 60118-13:2016)		700/1400/2000 MHz: 19/12/7 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.

	Oticon Siya 1 & 2 **Ear simulator**	**Oticon Siya 1 & 2** **2CC Coupler**
OSPL90		
Full-on Gain		
Frequency Response		

Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

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

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