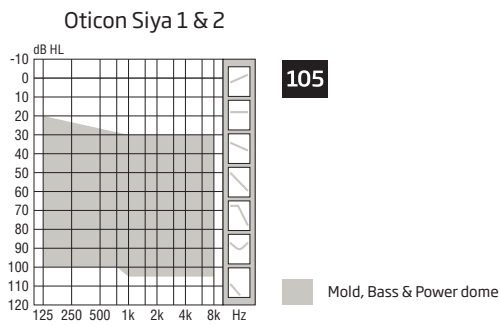


Technical data sheet

OTICON | Siya

miniRITE 105
miniRITE T 105



	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	•	•
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™	•	•	
Expected battery life, hours**	45-65	45-65	

Oticon Siya miniRITE is small and discreet, with a single push button. Oticon Siya miniRITE T is based on the popular miniRITE, and features telecoil and a convenient double push button.

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.



* Bandwidth accessible for gain adjustments during fitting
Battery size 312 - IEC PR41.

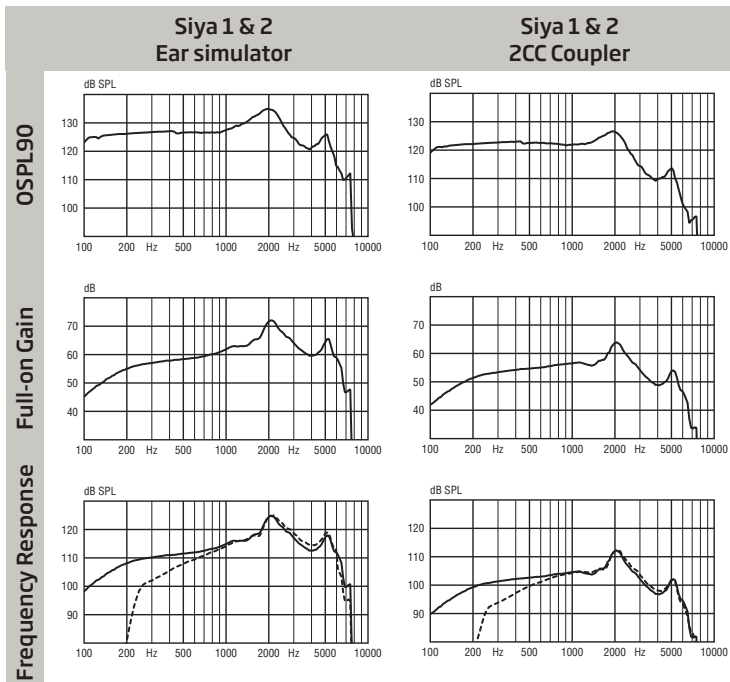
** Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

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 miniRITE/miniRITE T		Siya 1	Siya 2	Siya 1	Siya 2
Frequency range Hz		100-7500		100-6500	
OSPL90	Peak	135 dB SPL		127 dB SPL	
	1600 Hz	132 dB SPL		125 dB SPL	
	HFA-OSPL90	130 dB SPL		122 dB SPL	
Full-on gain*	Peak	72 dB		64 dB	
	1600 Hz	65 dB		57 dB	
	HFA-FOG	65 dB		57 dB	
Reference test gain		58 dB		46 dB	
Telecoil output (1600 Hz) (miniRITE T)	1 mA/m field	96 dB SPL		-	
	10 mA/m field	116 dB SPL		-	
	SPLITS L/R	-		105/105 dB SPL	
Total harmonic distortion (Input 70 dB SPL)	500 Hz	< 2 %		< 2 %	
	800 Hz	< 2 %		< 2 %	
	1600 Hz	< 3 %		< 2 %	
Equivalent input noise level	Omni	18 dB SPL		18 dB SPL	
	Dir	28 dB SPL		29 dB SPL	
Battery consumption**	Typical	1.6 mA		1.7 mA	
	Quiescent	1.5 mA		1.5 mA	
Battery life, artificial measurement, hours***		110		105	
IRIL (IEC 60118-13:2011) miniRITE		800/1400/2000 MHz: 31/<16/<16 dB SPL			
IRIL (IEC 60118-13:2016) miniRITE T		700/1400/2000 MHz: 38/18/39 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	Instrument warning The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing aid user.
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