



	Zircon 1	Zircon 2	
<b>Speech Understanding</b>	OpenSound Navigator™	•	-
	- Balancing power effect	40%	-
	- Max. noise removal difficult/simple	6 dB / 0 dB	-
	Multiband Adaptive Directionality	-	•
	Noise Reduction	-	•
	Speech Guard™	•	-
	Single Compression	-	•
Frequency lowering	Speech Rescue™	Speech Rescue™	
<b>Sound Quality</b>	Fitting Bandwidth*	8 kHz	8 kHz
	Bass Boost (streaming)	•	•
	Processing Channels	48	48
<b>Listening Comfort</b>	Feedback Management	SuperShield & Feedback shield	SuperShield & Feedback shield
	Transient Noise Management	On/Off	-
	Wind Noise Management	•	•
<b>Personalisation &amp; Optimising Fitting</b>	Fitting Bands	14	12
	Multiple Directionality options	•	•
	Adaptation Management	•	•
	Oticon Firmware Updater	•	•
	Fitting Formulas	NAL-NL1/NAL-NL2, DSL 5.0	NAL-NL1/NAL-NL2, DSL 5.0
<b>Connecting to the world</b>	Hands-free communication**	•	•
	Direct streaming***	•	•
	Oticon ON app & Oticon RemoteCare app	•	•
	ConnectClip	•	•
	EduMic	•	•
	Remote Control 3.0	•	•
	TV Adapter 3.0	•	•
	Phone Adapter 2.0	•	•
	Tinnitus SoundSupport™	•	•
	CROS/BiCROS support	•	•

\*Bandwidth accessible for gain adjustments during fitting

\*\*Available for Oticon Zircon from FW 1.1 with selected iPhone and iPad models

\*\*\*From compatible iPhone, iPad, iPod touch, and selected Android™ devices

#### Operating and charging conditions

Temperature: +5°C to +40°C (41°F to 104°F)  
Relative humidity: 5% to 93%, non-condensing  
Atmospheric pressure: 700 hPa to 1060 hPa

#### Storage and transportation conditions

Temperature and humidity should not exceed the below limits for extended periods during transportation and storage.

#### Transport

Temperature: -20°C to +60°C (-4°F to 140°F)  
Relative humidity: 5% to 93%, non-condensing  
Atmospheric pressure: 700 hPa to 1060 hPa

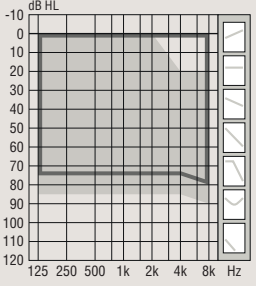
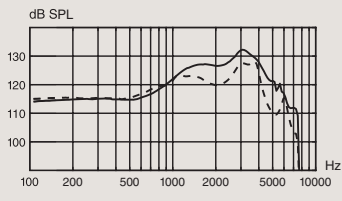
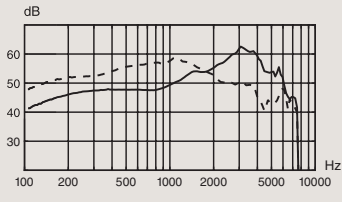
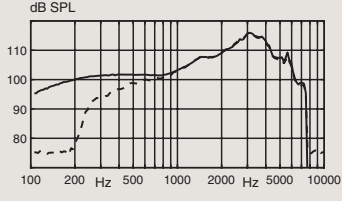
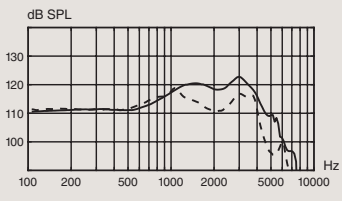
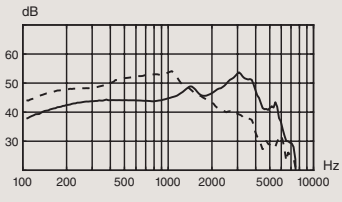
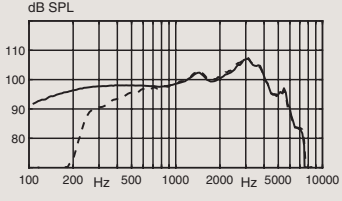
#### Storage

Temperature: -20°C to +30°C (-4°F to 86°F)  
Relative humidity: 5% to 93%, non-condensing  
Atmospheric pressure: 700 hPa to 1060 hPa

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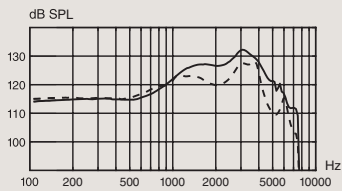
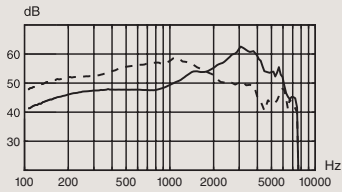
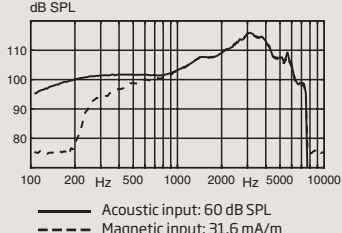
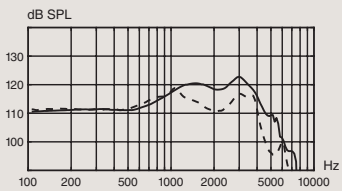
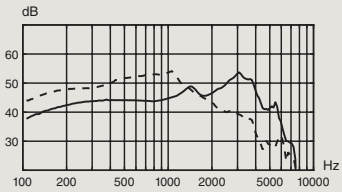
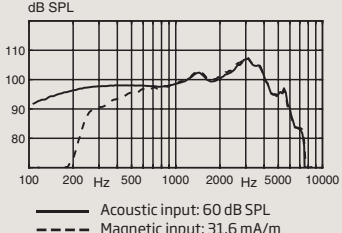
For information on compatibility, please visit [www.oticon.com.au/compatibility](http://www.oticon.com.au/compatibility)

		<b>Ear Simulator</b> Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010	<b>2CC Coupler</b> Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
 Hook Corda minifit <b>Technical information</b> Omnidirectional mode is used unless otherwise stated.		<b>OSPL90</b>  <b>Full-on gain</b>  <b>Frequency response</b> 	<b>OSPL90</b>  <b>Full-on gain</b>  <b>Frequency response</b> 
OSPL90	Peak	132 (128 <sup>1</sup> ) dB SPL	123 (119 <sup>1</sup> ) dB SPL
	1600 Hz	127 (122 <sup>1</sup> ) dB SPL	120 (114 <sup>1</sup> ) dB SPL
	HFA-OSPL90	126 (122 <sup>1</sup> ) dB SPL	119 (115 <sup>1</sup> ) dB SPL
Full-on gain <sup>2</sup>	Peak	63 (59 <sup>1</sup> ) dB	54 (54 <sup>1</sup> ) dB
	1600 Hz	54 (55 <sup>1</sup> ) dB	47 (46 <sup>1</sup> ) dB
	HFA-FOG	54 (54 <sup>1</sup> ) dB	47 (47 <sup>1</sup> ) dB
Reference test gain		47 dB	41 dB
Frequency range		100-7500 Hz	100-7300 Hz
Telecoil output (1600 Hz)	1 mA/m field	85 dB SPL	-
	10 mA/m field	105 dB SPL	-
	SPLITS L/R	-	99/99 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	< 4 %	< 4 %
	800 Hz	< 4 %	< 3 %
	1600 Hz	< 2 %	< 2 %
Equivalent input noise level	Omni	19 dB SPL	17 dB SPL
	Dir	30 dB SPL	32 dB SPL
Battery		Lithium-ion	Lithium-ion
Expected operating time, hours <sup>3</sup>		24	

1) For instruments fitted with Corda miniFit Power

2) Measured with the gain control of the hearing aids set to their 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 60118-0:1983+A1:1994 but without influence of feedback.

3) Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

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