



		Zircon 1	Zircon 2
Speech Understanding	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™
Sound Quality	Fitting Bandwidth*	8 kHz	8 kHz
	Bass Boost (streaming)	•	•
	Processing Channels	48	48
Listening Comfort	Feedback Management	SuperShield & Feedback shield	SuperShield & Feedback shield
	Transient Noise Management	On/Off	-
	Wind Noise Management	•	•
Personalisation & Optimising Fitting	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
Connecting to the world	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 models

***From 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

Oticon Zircon miniRITE R offers a discreet design powered by a rechargeable lithium-ion battery. The style features telecoil, and a double push-button. It is a Made for iPhone® hearing aid and compatible with the new Android protocol for Audio Streaming for Hearing Aids (ASHA) - making it possible to stream directly from iPhone, iPad®, iPod touch® and selected Android™ devices.

OpenSound Navigator™ provides access to speech in 360° making the listener more easily aware of what is going on in the surroundings.

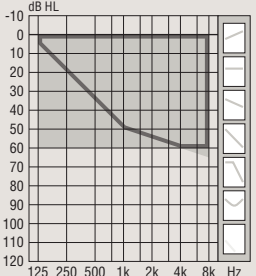
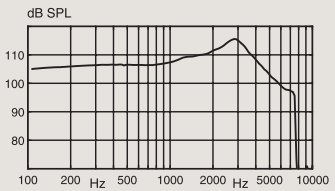
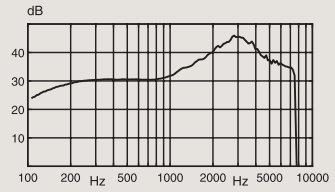
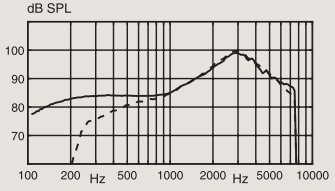
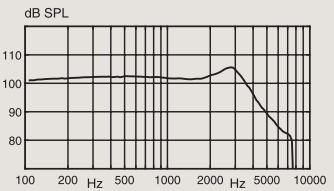
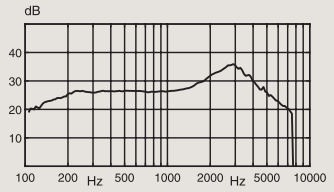
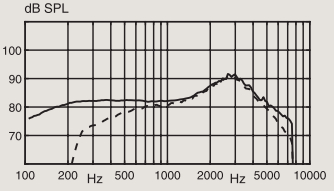
Speech Guard™ provides more natural and clear speech sounds making the details in speech stand out more.

The Polaris™ platform provides a tremendous speed and memory capacity for audiological processing and connectivity options. New features can be added and updates performed wirelessly.

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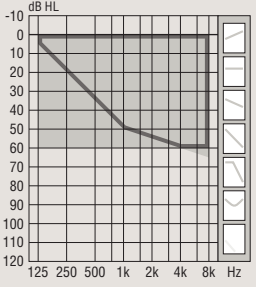
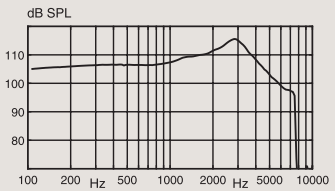
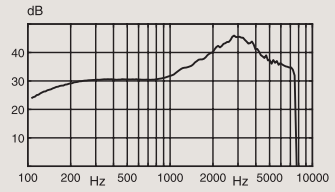
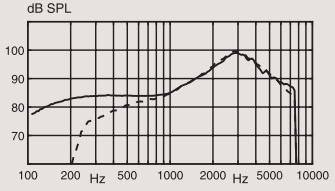
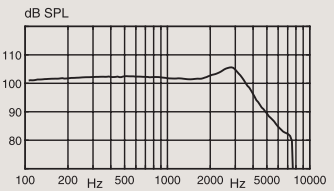
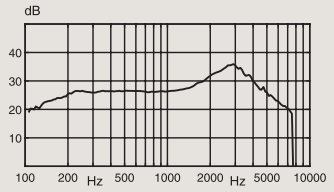
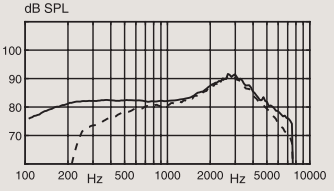


For information on compatibility, please visit www.oticon.global/compatibility

		Ear Simulator 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	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
 <p>60</p> <p>Mould, Bass & Power dome</p> <p>OpenBass dome</p> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p>		OSPL90  <p>Full-on gain</p>  <p>Frequency response</p> 	OSPL90  <p>Full-on gain</p>  <p>Frequency response</p> 
OSPL90		Peak 116 dB SPL 1600 Hz 110 dB SPL HFA-OSPL90 110 dB SPL	Peak 106 dB SPL 1600 Hz 102 dB SPL HFA-OSPL90 103 dB SPL
Full-on gain ¹		Peak 46 dB 1600 Hz 37 dB HFA-FOG 38 dB	Peak 36 dB 1600 Hz 29 dB HFA-FOG 30 dB
Reference test gain		31 dB	26 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)		1 mA/m field 68 dB SPL 10 mA/m field 88 dB SPL	-
SPLITS L/R		-	83/83 dB SPL
Total harmonic distortion (Input 70 dB SPL)		500 Hz < 2 % 800 Hz < 3 % 1600 Hz < 2 %	< 2 % < 2 % < 2 %
Equivalent input noise level		Omni 19 dB SPL Dir 26 dB SPL	17 dB SPL 29 dB SPL
Battery		Lithium-Ion	Lithium-Ion
Expected operating time, hours ²		24	

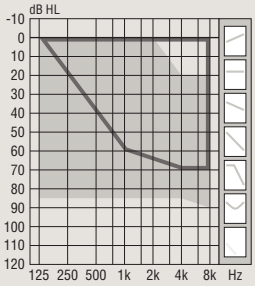

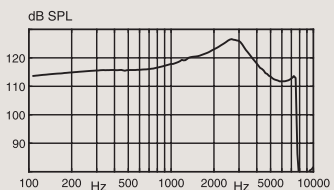
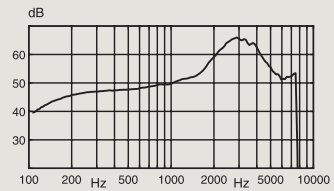
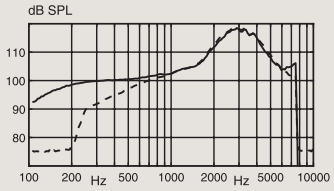
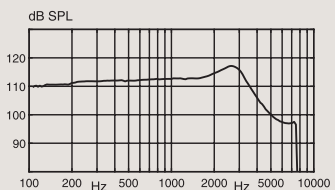
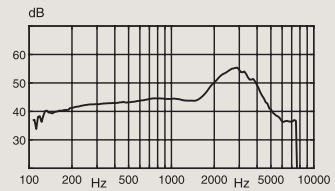
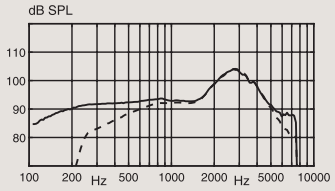
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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

		Ear Simulator 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	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
 <div> <div></div> Mould, Bass & Power dome <div></div> OpenBass dome </div> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p>		OSPL90  Full-on gain  Frequency response 	OSPL90  Full-on gain  Frequency response 
OSPL90		Peak 116 dB SPL 1600 Hz 110 dB SPL HFA-OSPL90 110 dB SPL	106 dB SPL 102 dB SPL 103 dB SPL
Full-on gain ¹		Peak 46 dB 1600 Hz 37 dB HFA-FOG 38 dB	36 dB 29 dB 30 dB
Reference test gain		31 dB	26 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)		1 mA/m field 68 dB SPL 10 mA/m field 88 dB SPL	-
SPLITS L/R		-	83/83 dB SPL
Total harmonic distortion (Input 70 dB SPL)		500 Hz < 2 % 800 Hz < 3 % 1600 Hz < 2 %	< 2 % < 2 % < 2 %
Equivalent input noise level		Omni 19 dB SPL Dir 26 dB SPL	17 dB SPL 29 dB SPL
Battery		Lithium-Ion	Lithium-Ion
Expected operating time, hours ²		24	

1) 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.

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		Ear Simulator 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	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
<div><div>85</div><p>Technical information Omnidirectional mode is used unless otherwise stated.</p></div>		<div><p>OSPL90</p><p>Full-on gain</p><p>Frequency response</p></div>	<div><p>OSPL90</p><p>Full-on gain</p><p>Frequency response</p></div>
OSPL90	Peak 1600 Hz HFA-OSPL90	127 dB SPL 121 dB SPL 122 dB SPL	117 dB SPL 113 dB SPL 114 dB SPL
Full-on gain ¹	Peak 1600 Hz HFA-FOG	66 dB 53 dB 56 dB	55 dB 45 dB 48 dB
Reference test gain		46 dB	37 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	84 dB SPL 104 dB SPL -	- - 94/94 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	< 2 % < 4 % < 5 %	< 2 % < 2 % < 2 %
Equivalent input noise level	Omni Dir	22 dB SPL 29 dB SPL	18 dB SPL 27 dB SPL
Battery		Lithium-Ion	Lithium-Ion
Expected operating time, hours ²		24	

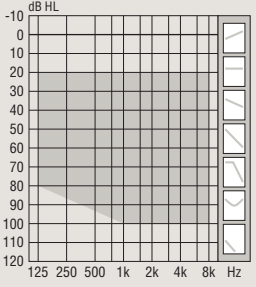

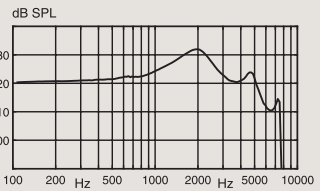
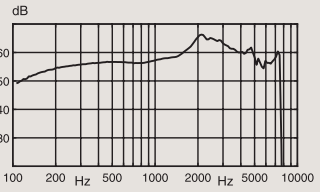
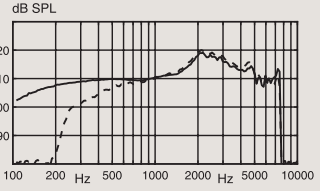
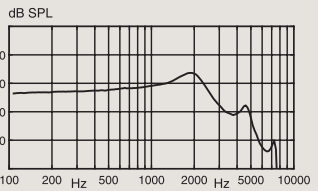
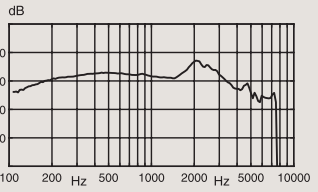
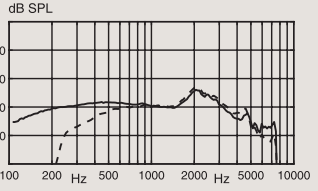
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

2) 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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		OSPL90 	OSPL90
		Full-on gain 	Full-on gain
		Frequency response 	Frequency response
OSPL90		Peak 1600 Hz HFA-OSPL90	127 dB SPL 121 dB SPL 122 dB SPL
Full-on gain ¹		Peak 1600 Hz HFA-FOG	66 dB 53 dB 56 dB
Reference test gain			46 dB 37 dB
Frequency range			100-7500 Hz 100-7500 Hz
Telecoil output (1600 Hz)		1 mA/m field 10 mA/m field SPLITS L/R	84 dB SPL 104 dB SPL -
Total harmonic distortion (Input 70 dB SPL)		500 Hz 800 Hz 1600 Hz	< 2 % < 4 % < 5 %
Equivalent input noise level		Omni Dir	22 dB SPL 29 dB SPL
Battery			Lithium-Ion Lithium-Ion
Expected operating time, hours ²			24

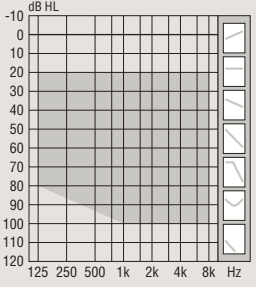

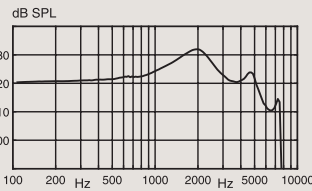
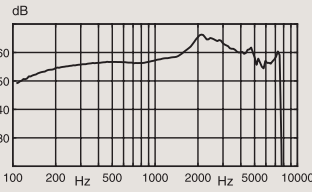
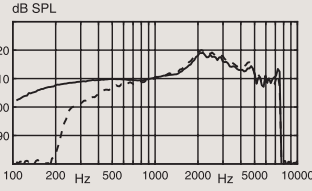
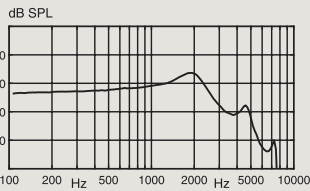
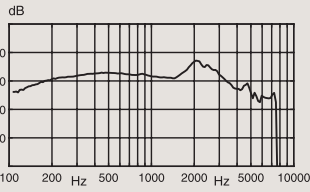
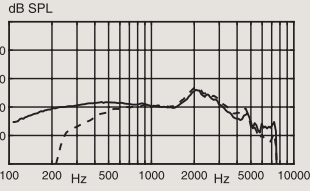
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2) Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

		Ear Simulator 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	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
 <div>100</div>  <p>Power flex mould, Bass & Power dome</p> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p> <p>Warning to the hearing aid dispenser The maximum output capability of the hearing aid may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the hearing aid, as there may be risk of impairing the remaining hearing of the hearing aid user.</p> <p> — Acoustic input: 60 dB SPL - - - Magnetic input: 31.6 mA/m </p>		OSPL90  Full-on gain  Frequency response 	OSPL90  Full-on gain  Frequency response 
OSPL90		Peak 132 dB SPL 1600 Hz 130 dB SPL HFA-OSPL90 127 dB SPL	Peak 124 dB SPL 1600 Hz 122 dB SPL 120 dB SPL
Full-on gain ¹		Peak 66 dB 1600 Hz 60 dB HFA-FOG 61 dB	Peak 57 dB 1600 Hz 52 dB 53 dB
Reference test gain		53 dB	42 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)		1 mA/m field 91 dB SPL 10 mA/m field 111 dB SPL SPLITS L/R -	-
Total harmonic distortion (Input 70 dB SPL)		500 Hz < 9 % 800 Hz < 6 % 1600 Hz < 3 %	< 2 % < 2 % < 2 %
Equivalent input noise level		Omni 17 dB SPL Dir 26 dB SPL	17 dB SPL 29 dB SPL
Battery		Lithium-Ion	Lithium-Ion
Expected operating time, hours ²		24	

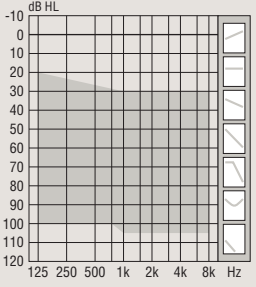

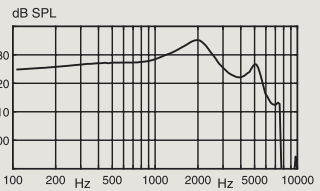
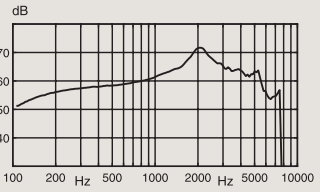
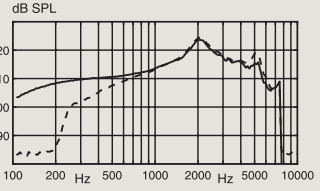
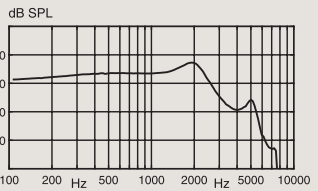
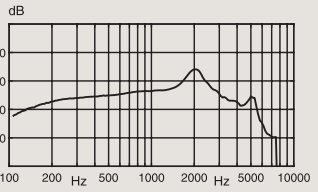
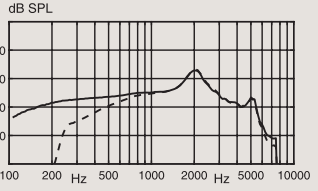
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2) Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

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	OSPL90	Peak 132 dB SPL 1600 Hz 130 dB SPL HFA-OSPL90 127 dB SPL	Peak 124 dB SPL 1600 Hz 122 dB SPL 120 dB SPL
	Full-on gain ¹	Peak 66 dB 1600 Hz 60 dB HFA-FOG 61 dB	Peak 57 dB 1600 Hz 52 dB 53 dB
	Reference test gain	53 dB	42 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	91 dB SPL	-
	10 mA/m field	111 dB SPL	-
	SPLITS L/R	-	100/100 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	< 9 %	< 2 %
	800 Hz	< 6 %	< 2 %
	1600 Hz	< 3 %	< 2 %
Equivalent input noise level	Omni	17 dB SPL	17 dB SPL
	Dir	26 dB SPL	29 dB SPL
Battery		Lithium-Ion	Lithium-Ion
Expected operating time, hours ²		24	

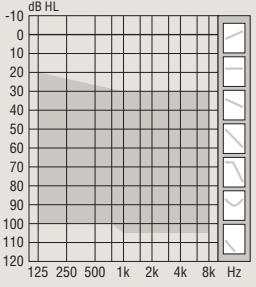

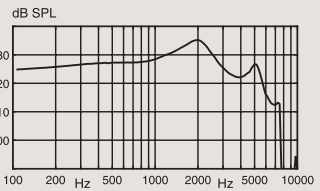
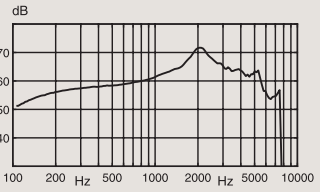
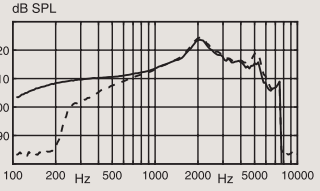
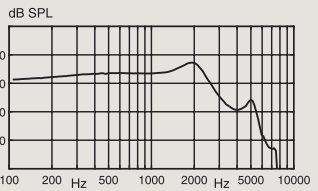
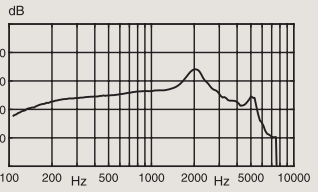
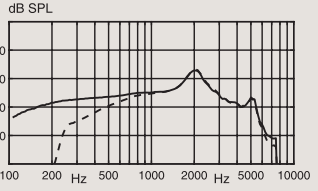
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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

		Ear Simulator 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	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
 <div>105</div>  <p>Power flex mould</p> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p> <p>Warning to the hearing aid dispenser The maximum output capability of the hearing aid may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the hearing aid, as there may be risk of impairing the remaining hearing of the hearing aid user.</p> <p>— Acoustic input: 60 dB SPL - - - Magnetic input: 31.6 mA/m</p>		OSPL90  Full-on gain  Frequency response 	OSPL90  Full-on gain  Frequency response 
OSPL90		Peak 135 dB SPL 1600 Hz 133 dB SPL HFA-OSPL90 131 dB SPL	Peak 127 dB SPL 1600 Hz 126 dB SPL 123 dB SPL
Full-on gain ¹		Peak 72 dB 1600 Hz 66 dB HFA-FOG 65 dB	Peak 64 dB 1600 Hz 59 dB 58 dB
Reference test gain		58 dB	47 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)		1 mA/m field 96 dB SPL 10 mA/m field 116 dB SPL	-
SPLITS L/R		-	104/104 dB SPL
Total harmonic distortion (Input 70 dB SPL)		500 Hz < 2 % 800 Hz < 2 % 1600 Hz < 4 %	< 2 % < 2 % < 2 %
Equivalent input noise level		Omni 16 dB SPL Dir 25 dB SPL	16 dB SPL 28 dB SPL
Battery		Lithium-Ion	Lithium-Ion
Expected operating time, hours ²			24

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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