

OTICON | More

Technical data sheet

miniRITE R

60 85 100 105



	More 1	More 2	More 3	
Speech Understanding	MoreSound Intelligence™	Level 1	Level 2	Level 3
	- Environment configuration	5 Options	5 Options	3 Options
	- Virtual Outer Ear	3 Configurations	1 Configuration	1 Configuration
	- Spatial Balancer	100%	60%	60%
	- Neural Noise Suppression, Difficult / Easy	10 dB / 4 dB	6 dB / 2 dB	6 dB / 0 dB
	- Sound Enhancer	3 Configurations	2 Configurations	1 Configuration
	MoreSound Amplifier™	•	•	•
	Feedback Prevention	MoreSound Optimizer™ & Feedback shield	MoreSound Optimizer™ & Feedback shield	MoreSound Optimizer™ & Feedback shield
	Spatial Sound™	4 Estimators	2 Estimators	2 Estimators
	Soft Speech Booster	•	•	•
Sound Quality	Frequency lowering	Speech Rescue™	Speech Rescue™	Speech Rescue™
	Clear Dynamics	•	•	-
	Better-Ear Priority	•	•	-
	Fitting Bandwidth	10 kHz	8 kHz	8 kHz
	Bass Boost (streaming)	•	•	•
	Processing Channels	64	48	48
Listening Comfort	Transient Noise Management	4 configurations	3 configurations	3 configurations
	Wind Noise Management	•	•	•
Personalization & Optimizing Fitting	Fitting Bands	24	20	18
	Multiple Directionality options	•	•	•
	Adaptation Manager	•	•	•
	Fitting Formulas	VAC+, NAL-NL1/ NAL-NL2, DSL 5.0	VAC+, NAL-NL1/ NAL-NL2, DSL 5.0	VAC+, NAL-NL1/ NAL-NL2, DSL 5.0
Connecting to the world	Stereo streaming (2.4 GHz)	•	•	•
	Oticon ON App & Oticon RemoteCare App	•	•	•
	ConnectClip	•	•	•
	EduMic	•	•	•
	Remote Control 3.0	•	•	•
	TV Adapter 3.0	•	•	•
	Phone Adapter 2.0	•	•	•
Tinnitus SoundSupport™	•	•	•	

*Bandwidth accessible for gain adjustments during fitting

Operating and charging conditions

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

Storage

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

Apple, the Apple logo, iPhone, iPad, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Oticon More™ miniRITE R offers a discreet design powered by a rechargeable lithium-ion battery. The style features telecoil, and a double push-button. It offers direct streaming from Apple and selected Android devices.

MoreSound Intelligence™ creates a more precise and natural representation of individual sounds with clearer and more distinct contrasts.

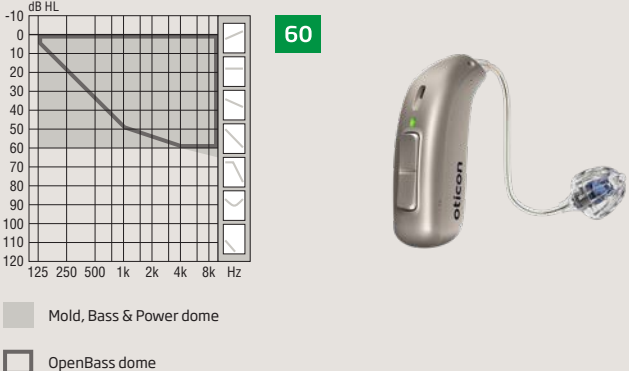
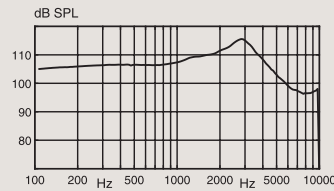
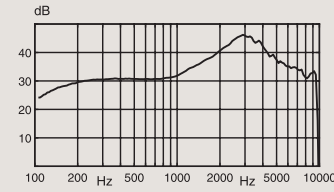
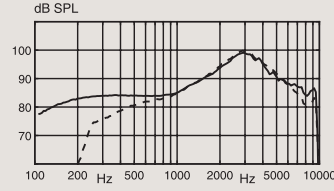
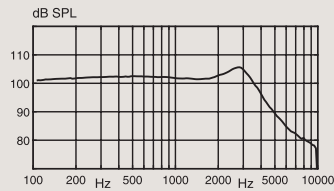
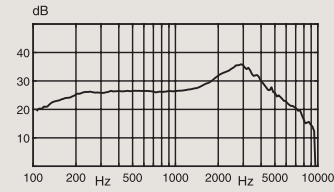
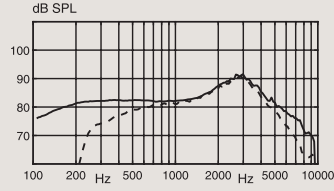
MoreSound Amplifier™ analyzes details in sound, and optimally amplifies them for the brain to have access to relevant information.

Oticon More is built on the innovative Polarix™ platform, which uses a deep neural network to rapidly and optimally manage incoming sounds based on individual needs. New features can be added and updates performed wirelessly.



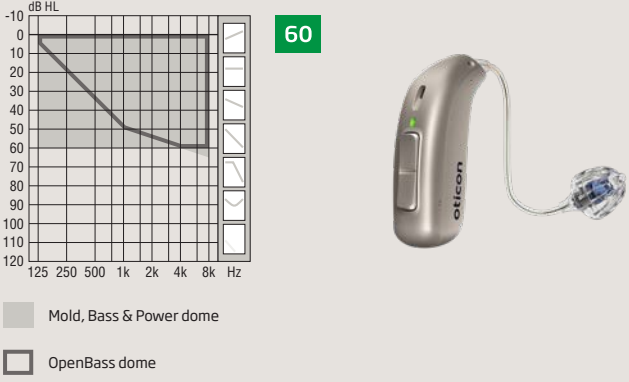
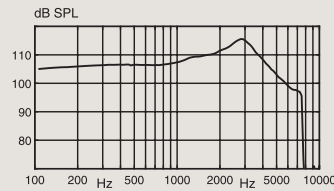
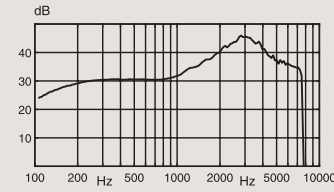
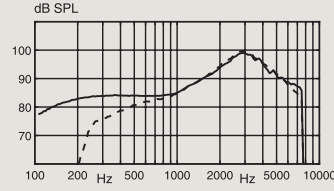
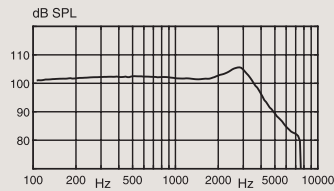
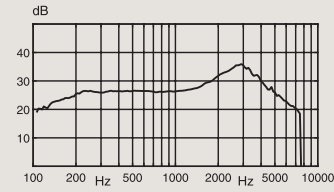
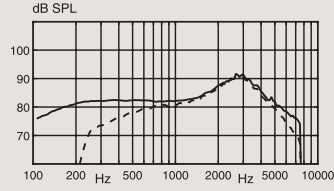
For information on compatibility, please visit www.oticon.com/support



		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>Mold, Bass & Power dome</p> <p>OpenBass dome</p> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p> <p>— Acoustic input: 60 dB SPL - - - Magnetic input: 31.6 mA/m</p>		<p>OSPL90</p>  <p>Full-on Gain</p>  <p>Frequency Response</p> 	<p>OSPL90</p>  <p>Full-on Gain</p>  <p>Frequency Response</p> 	
	OSPL90	Peak 1600 Hz HFA-OSPL90	116 dB SPL 110 dB SPL 110 dB SPL	106 dB SPL 102 dB SPL 103 dB SPL
	Full-on gain ¹	Peak 1600 Hz HFA-FOG	46 dB 37 dB 38 dB	36 dB 29 dB 30 dB
	Reference test gain		31 dB	26 dB
Frequency range		100-9600 Hz	100-9400 Hz	
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	68 dB SPL 88 dB SPL -	- - 83/83 dB SPL	
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<2 % <3 % <2 %	<2 % <2 % <2 %	
Equivalent input noise level	Omni Dir	18 dB SPL 26 dB SPL	17 dB SPL 28 dB SPL	
Battery		Lithium-ion	Lithium-ion	
Expected operating time, hours ²		24		

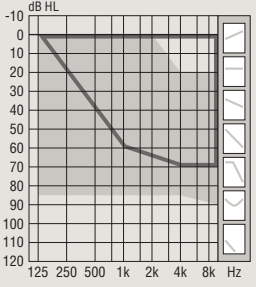

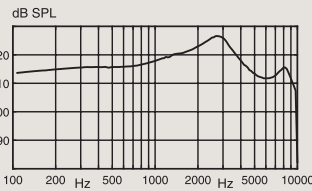
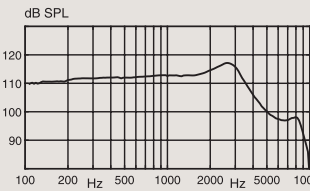
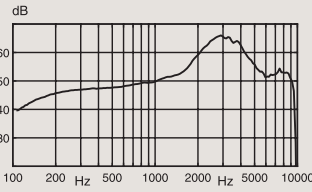
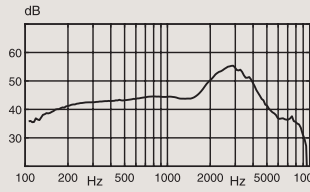
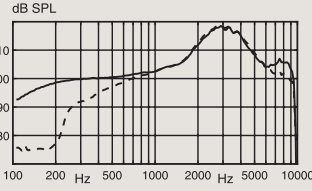
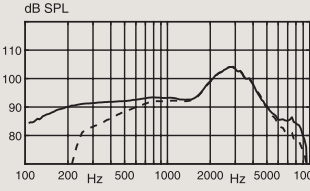
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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	
 <p>60</p> <p>Mold, Bass & Power dome</p> <p>OpenBass dome</p> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p>		<p>OSPL90</p>  <p>Full-on Gain</p>  <p>Frequency Response</p>  <p>— Acoustic input: 60 dB SPL - - - Magnetic input: 31.6 mA/m</p>	<p>OSPL90</p>  <p>Full-on Gain</p>  <p>Frequency Response</p> 	
	OSPL90	Peak 1600 Hz HFA-OSPL90	116 dB SPL 110 dB SPL 110 dB SPL	106 dB SPL 102 dB SPL 103 dB SPL
	Full-on gain ¹	Peak 1600 Hz HFA-FOG	46 dB 37 dB 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 10 mA/m field	68 dB SPL 88 dB SPL	- -	
	SPLITS L/R	-	83/83 dB SPL	
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<2 % <3 % <2 %	<2 % <2 % <2 %	
Equivalent input noise level	Omni Dir	19 dB SPL 26 dB SPL	17 dB SPL 29 dB SPL	
Battery		Lithium-ion	Lithium-ion	
Expected operating time, hours ²		24		

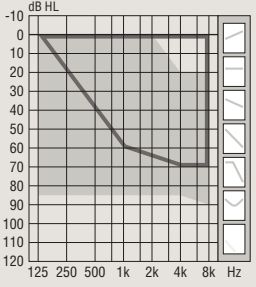

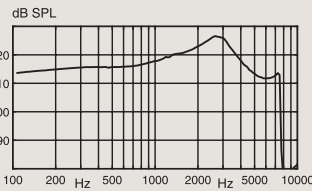
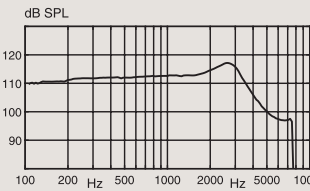
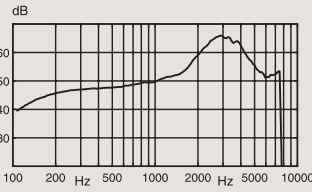
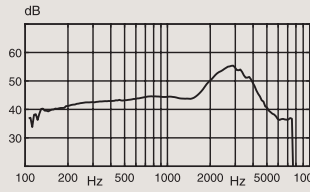
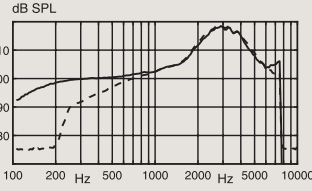
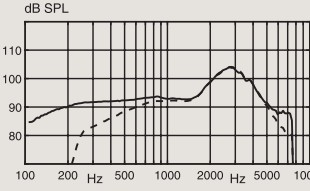
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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.

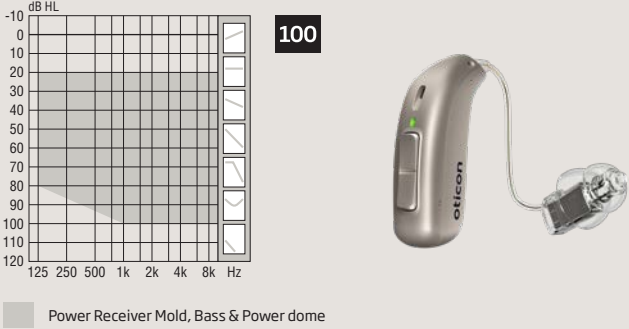
		Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006	
 <p>85</p>  <p>Technical information Omnidirectional mode is used unless otherwise stated.</p> <p>— Acoustic input: 60 dB SPL - - - Magnetic input: 31.6 mA/m</p>		<p>OSPL90</p>  <p>OSPL90</p>  <p>Full-on Gain</p>  <p>Full-on Gain</p>  <p>Frequency Response</p>  <p>Frequency Response</p> 		
	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		100-9500 Hz	100-8900 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	21 dB SPL 29 dB SPL	18 dB SPL 28 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.

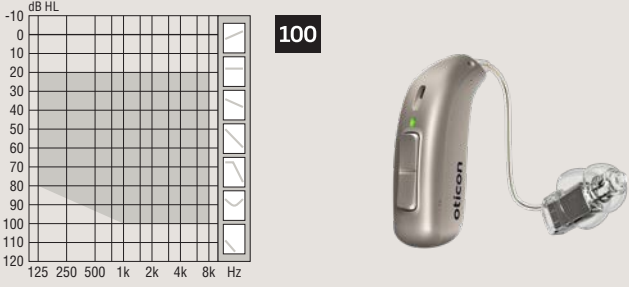
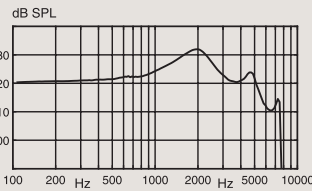
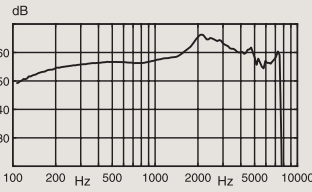
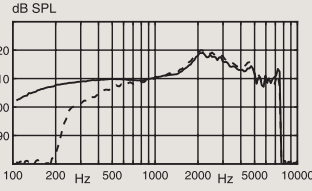
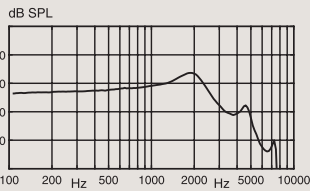
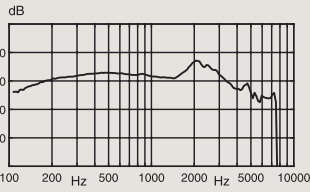
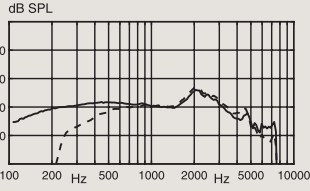
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 Mold, Bass & Power dome OpenBass dome Technical information Omnidirectional mode is used unless otherwise stated.		OSPL90 	OSPL90 
		Full-on Gain 	Full-on Gain 
		Frequency Response 	Frequency Response 
		— Acoustic input: 60 dB SPL - - - Magnetic input: 31.6 mA/m	
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.

		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>100</p> <p>Power Receiver Mold, 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	OSPL90	
	Full-on Gain	Full-on Gain	
Frequency Response	Frequency Response	Frequency Response	
OSPL90	Peak 132 dB SPL 1600 Hz 130 dB SPL HFA-OSPL90 127 dB SPL	Peak 124 dB SPL 122 dB SPL 120 dB SPL	
Full-on gain¹	Peak 1600 Hz 66 dB 60 dB HFA-FOG 61 dB	57 dB 52 dB 53 dB	
Reference test gain	53 dB	42 dB	
Frequency range	100-8900 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 % 800 Hz <6 % 1600 Hz <3 %	<2 % <2 % <2 %	
Equivalent input noise level	Omni 17 dB SPL Dir 26 dB SPL	16 dB SPL 28 dB SPL	
Battery	Lithium-ion	Lithium-ion	
Expected operating time, hours²	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	
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	OSPL90	Peak 1600 Hz HFA-OSPL90	132 dB SPL 130 dB SPL 127 dB SPL	124 dB SPL 122 dB SPL 120 dB SPL
	Full-on gain ¹	Peak 1600 Hz HFA-FOG	66 dB 60 dB 61 dB	57 dB 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	-	
Total harmonic distortion (Input 70 dB SPL)	SPLITS L/R	-	100/100 dB SPL	
	500 Hz	<9 %	<2 %	
	800 Hz	<6 %	<2 %	
Equivalent input noise level	1600 Hz	<3 %	<2 %	
	Omni	17 dB SPL	17 dB SPL	
Battery	Dir	26 dB SPL	29 dB SPL	
		Lithium-ion	Lithium-ion	
Expected operating time, hours ²		24		

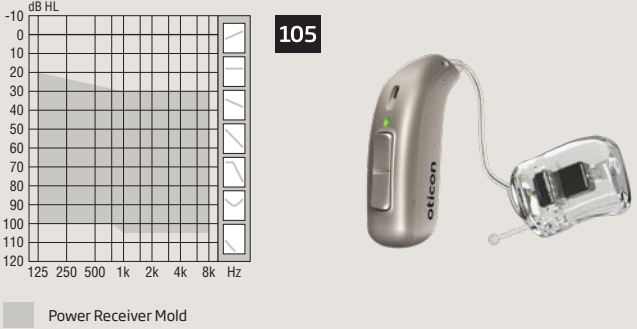
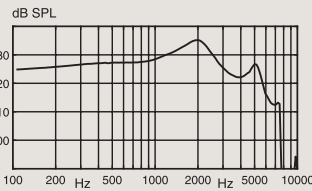
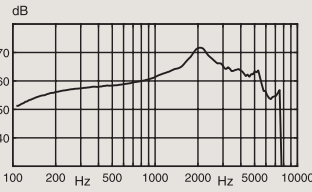
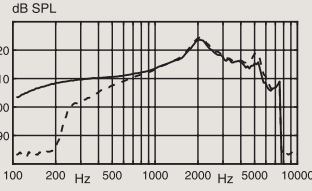
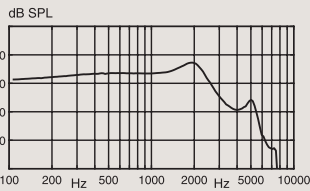
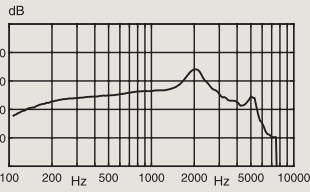
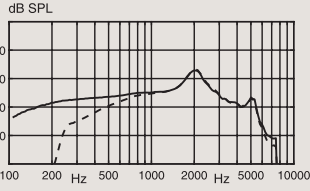
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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
<p>105</p> <p>Power Receiver Mold</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>		<p>OSPL90</p> <p>Full-on Gain</p> <p>Frequency Response</p>	<p>OSPL90</p> <p>Full-on Gain</p> <p>Frequency Response</p>
OSPL90	Peak	135 dB SPL	127 dB SPL
	1600 Hz	133 dB SPL	126 dB SPL
	HFA-OSPL90	131 dB SPL	123 dB SPL
Full-on gain ¹	Peak	72 dB	64 dB
	1600 Hz	66 dB	59 dB
	HFA-FOG	65 dB	58 dB
Reference test gain		58 dB	47 dB
Frequency range		100-9100 Hz	100-7900 Hz
Telecoil output (1600 Hz)	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	<4 %	<2 %
Equivalent input noise level	Omni	16 dB SPL	16 dB SPL
	Dir	25 dB SPL	28 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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OSPL90	Peak	135 dB SPL	127 dB SPL
	1600 Hz	133 dB SPL	126 dB SPL
	HFA-OSPL90	131 dB SPL	123 dB SPL
Full-on gain ¹	Peak	72 dB	64 dB
	1600 Hz	66 dB	59 dB
	HFA-FOG	65 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 %	< 2 %
	800 Hz	< 2 %	< 2 %
	1600 Hz	< 4 %	< 2 %
Equivalent input noise level	Omni	16 dB SPL	16 dB SPL
	Dir	25 dB SPL	28 dB SPL
Battery		Lithium-ion	Lithium-ion
Expected operating time, hours ²		24	

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