

60 85 100 105



	Oticon Opn Play 1	Oticon Opn Play 2	
Speech Understanding	OpenSound Navigator™	Level 1	Level 3
	- Balancing power effect	100%	50%
	- Max. noise removal	9 dB	3 dB
	OpenSound Optimizer™	•	•
	Speech Guard™ LX	Level 1	Level 3
	Spatial Sound™ LX	4 estimators	2 estimators
Sound Quality	Speech Rescue™ LX	•	•
	Clear Dynamics	•	-
	Spatial Noise Management	•	-
	Fitting Bandwidth*	10 KHz	8 KHz
	Processing Channels	64	48
Listening Comfort	Bass Boost (streaming)	•	•
	Transient Noise Management	4 configurations	On/Off
	Feedback shield LX	•	•
Optimizing Fitting	Wind Noise Management	•	•
	YouMatic™ LX	3 configurations	1 configuration
	Fitting Bands	16	12
	REM AutoFit	Verifit® LINK, IMC 2**	Verifit® LINK, IMC 2**
	Pediatric Fitting Mode	•	•
	DSL Fitting Range ***	•	•
Designed for children	Fitting Formulas	DSL v5.0, NAL-NL1 + 2, VAC+	DSL v5.0, NAL-NL1 + 2, VAC+
	Hypo Allergenic	•	•
	IP Rating	IP68	IP68
	Nano Coating	•	•
	Color Options	12	12
	Integrated 2.4 GHz Receiver	•	•

* Bandwidth accessible for gain adjustments during fitting
 ** Inter Module Communication 2
 *** Available in this Technical Data sheet and Opn Play Product Guide

Oticon Opn Play™ miniRITE is a stylish and discreet hearing aid that sits snugly behind the ear. Connectivity and remote microphone access are available through integrated 2.4 GHz technology.

OpenSound Navigator™ gives children 360° access to the full soundscape across simple and complex listening environments, constantly maximizing learning opportunities.

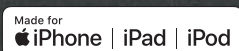
OpenSound Optimizer™ proactively identifies and prevents feedback before it occurs, preserving audibility and increasing fitting flexibility.

TwinLink™ wireless technology combines binaural communication and 2.4 GHz connectivity with stereo streaming directly from digital devices.

Oticon Opn Play is powered by Oticon's Velox S™ platform which offers market-leading speed and resolution and takes pediatric hearing care to a new level.

Operating conditions
 Temperature: +34°F to +104°F
 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: -13°F to +140°F
 Relative humidity: 5% to 93%, non-condensing

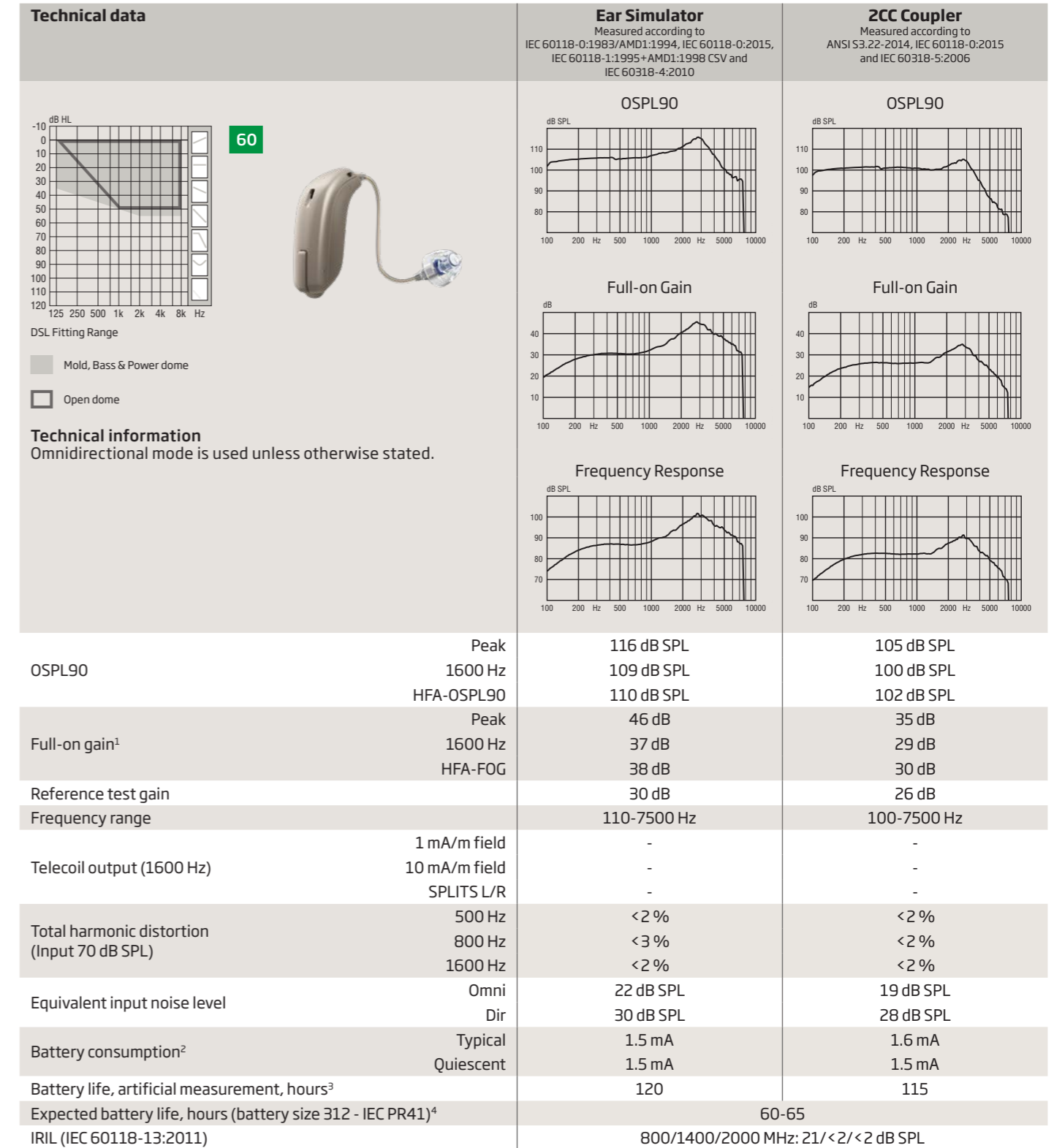
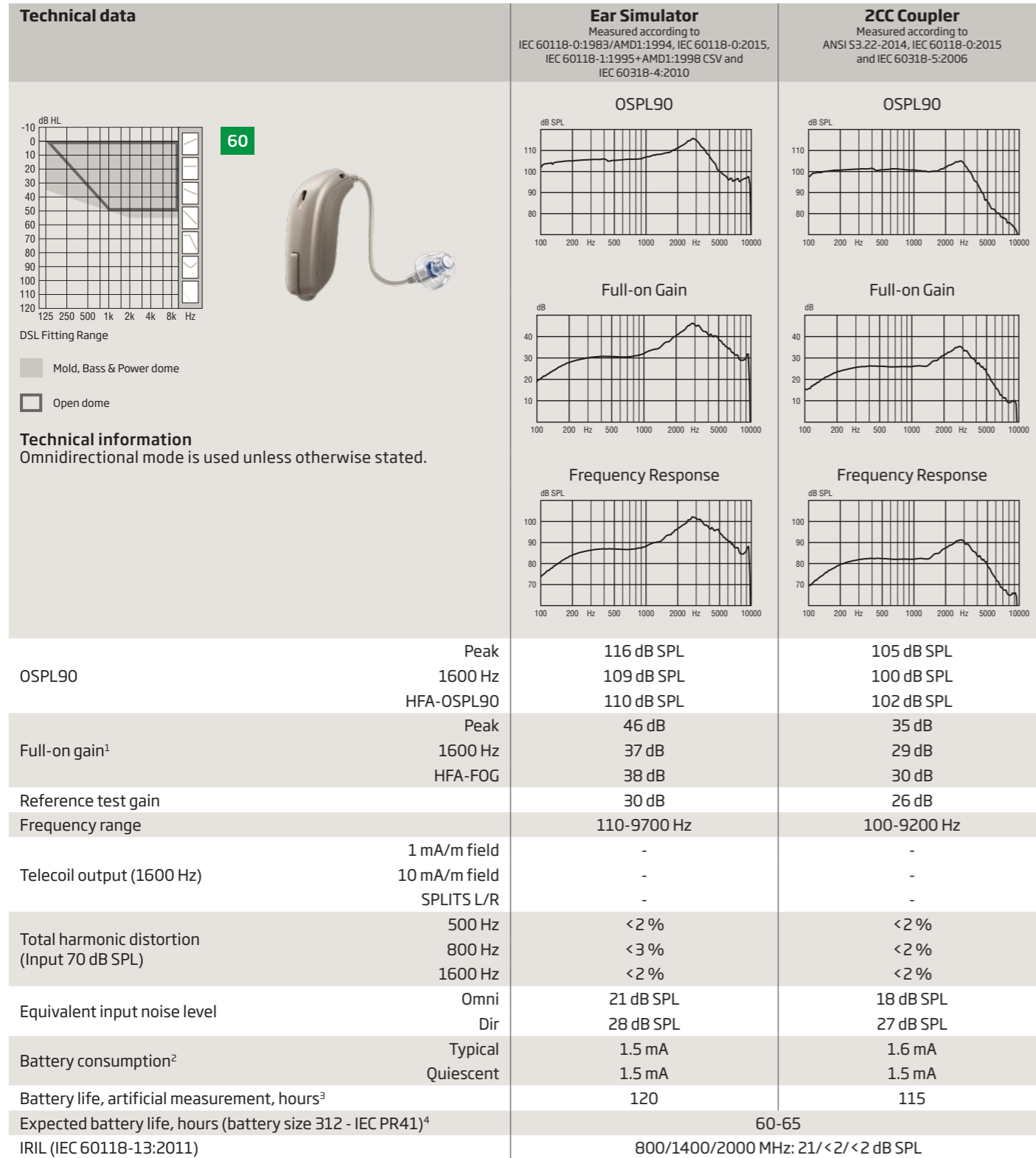


Oticon Opn Play 1

miniRITE 60

Oticon Opn Play 2

miniRITE 60



1) 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.
 2) 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.
 3) 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.
 4) 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).

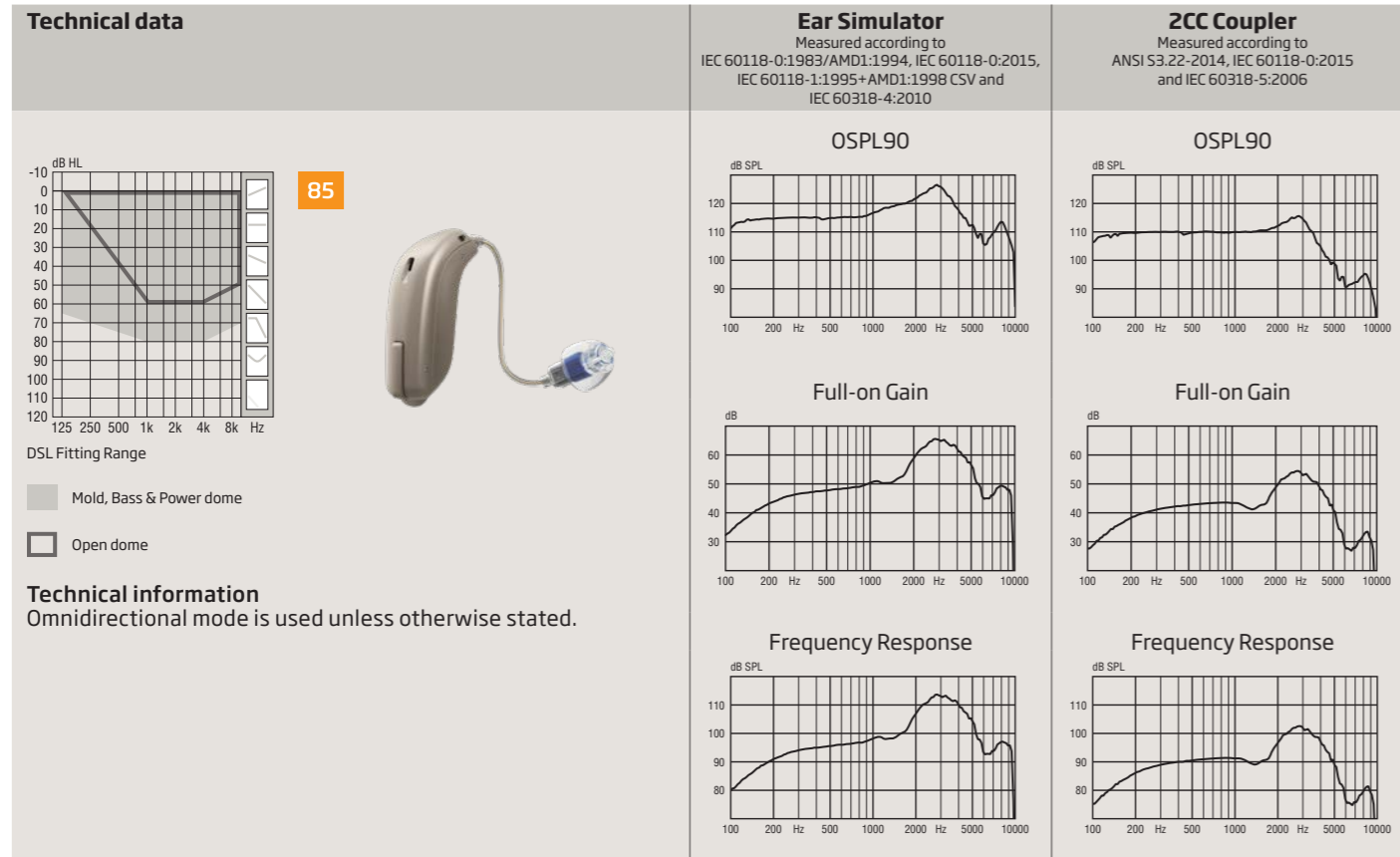
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Oticon Opn Play 1

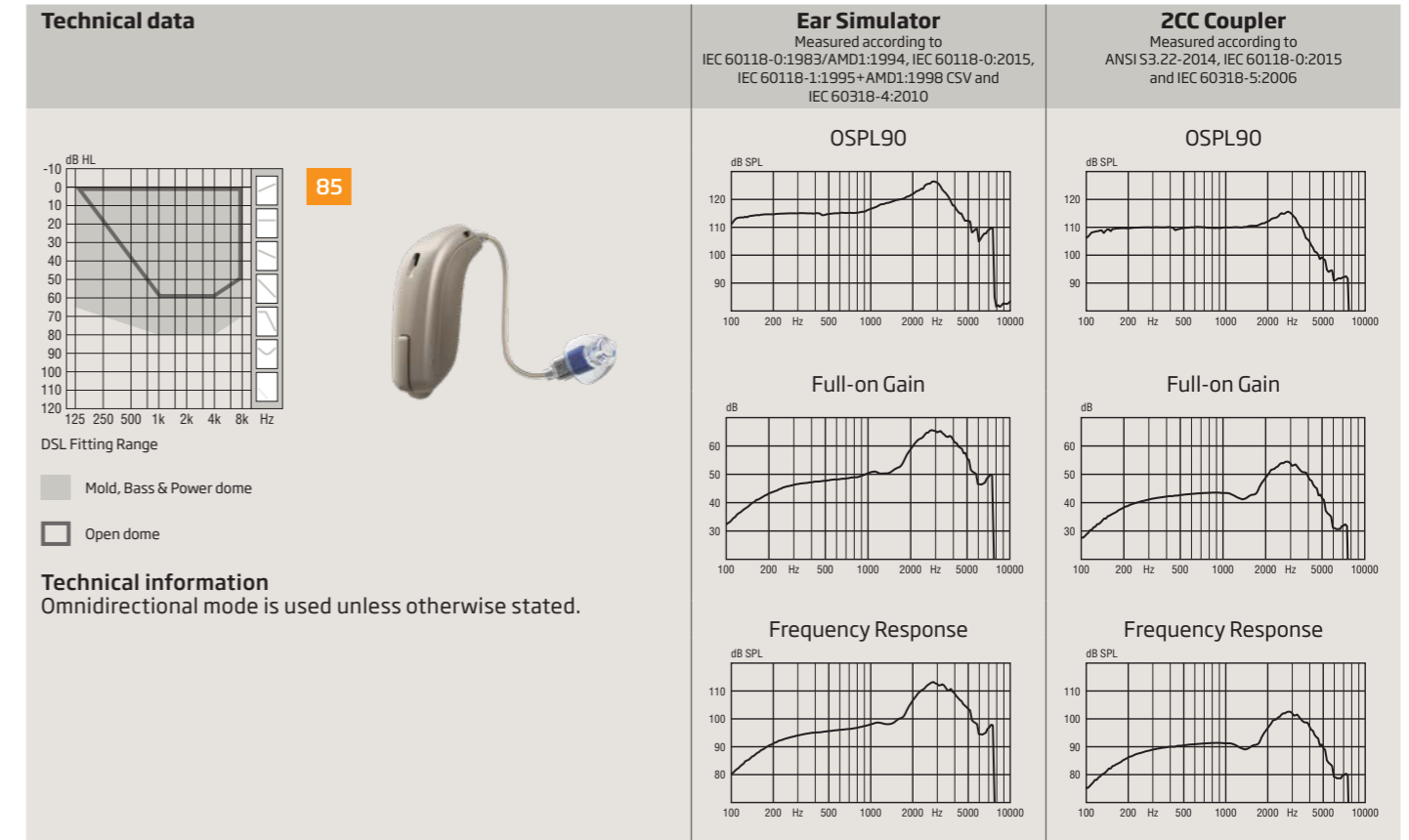
miniRITE 85

Oticon Opn Play 2

miniRITE 85



	Peak	127 dB SPL	116 dB SPL
OSPL90	1600 Hz	120 dB SPL	111 dB SPL
	HFA-OSPL90	121 dB SPL	112 dB SPL
Full-on gain ¹	Peak	66 dB	54 dB
	1600 Hz	52 dB	43 dB
	HFA-FOG	55 dB	47 dB
Reference test gain		45 dB	34 dB
Frequency range		120-9500 Hz	100-8500 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	<3 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	25 dB SPL	20 dB SPL
	Dir	32 dB SPL	29 dB SPL
Battery consumption ²	Typical	1.6 mA	1.7 mA
	Quiescent	1.5 mA	1.5 mA
Battery life, artificial measurement, hours ³		110	105
Expected battery life, hours (battery size 312 - IEC PR41) ⁴		55-65	
IRIL (IEC 60118-13:2011)		800/1400/2000 MHz: 31/<15/<15 dB SPL	



	Peak	127 dB SPL	116 dB SPL
OSPL90	1600 Hz	120 dB SPL	111 dB SPL
	HFA-OSPL90	121 dB SPL	112 dB SPL
Full-on gain ¹	Peak	66 dB	54 dB
	1600 Hz	52 dB	43 dB
	HFA-FOG	55 dB	47 dB
Reference test gain		45 dB	34 dB
Frequency range		120-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	<3 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	26 dB SPL	21 dB SPL
	Dir	33 dB SPL	30 dB SPL
Battery consumption ²	Typical	1.6 mA	1.7 mA
	Quiescent	1.5 mA	1.5 mA
Battery life, artificial measurement, hours ³		110	105
Expected battery life, hours (battery size 312 - IEC PR41) ⁴		55-65	
IRIL (IEC 60118-13:2011)		800/1400/2000 MHz: 31/<15/<15 dB SPL	

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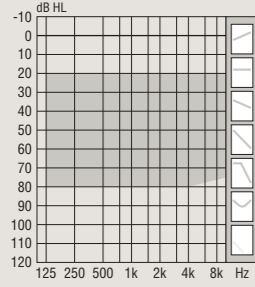

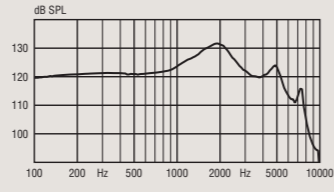
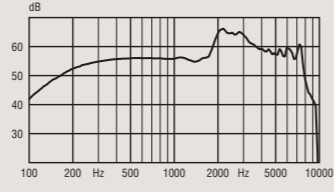
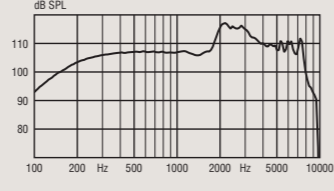
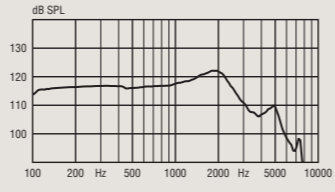
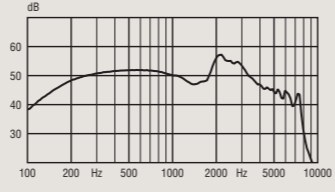
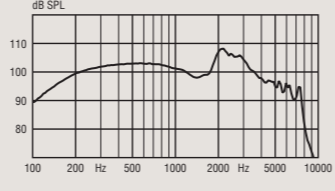
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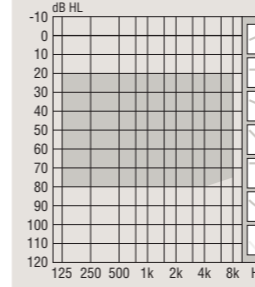

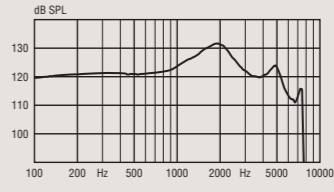
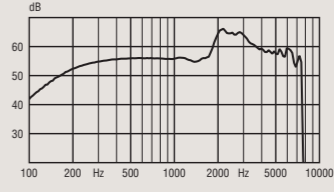
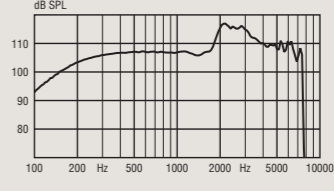
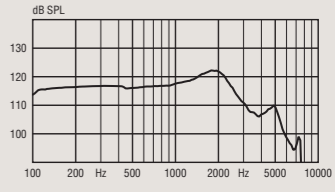
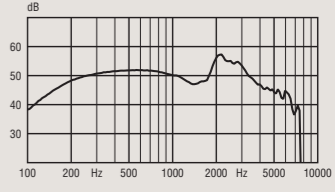
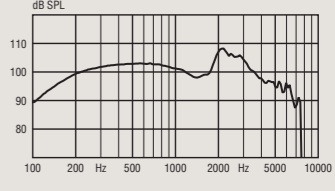
Oticon Opn Play 1

miniRITE 100

Oticon Opn Play 2

miniRITE 100

Technical data		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	ZCC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
  <p>DSL Fitting Range</p> <p>Power flex mold, Bass & Power dome</p>		  	  
OSPL90	Peak 1600 Hz HFA-OSPL90	132 dB SPL 130 dB SPL 127 dB SPL	122 dB SPL 121 dB SPL 118 dB SPL
Full-on gain ¹	Peak 1600 Hz HFA-FOG	66 dB 56 dB 59 dB	57 dB 48 dB 51 dB
Reference test gain		49 dB	42 dB
Frequency range		100-8500 Hz	100-8000 Hz
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	- - -	- - -
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<7% <4% <2%	<2% <2% <2%
Equivalent input noise level	Omni Dir	23 dB SPL 32 dB SPL	19 dB SPL 30 dB SPL
Battery consumption ²	Typical Quiescent	1.5 mA 1.5 mA	1.7 mA 1.5 mA
Battery life, artificial measurement, hours ³		115	105
Expected battery life, hours (battery size 312 - IEC PR41) ⁴		50-65	
IRIL (IEC 60118-13:2011)		800/1400/2000 MHz: 25/<20/<20 dB SPL	

Technical data		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	ZCC 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	122 dB SPL 121 dB SPL 118 dB SPL
Full-on gain ¹	Peak 1600 Hz HFA-FOG	66 dB 56 dB 59 dB	57 dB 48 dB 51 dB
Reference test gain		49 dB	42 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	- - -	- - -
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<7% <4% <2%	<2% <2% <2%
Equivalent input noise level	Omni Dir	23 dB SPL 32 dB SPL	19 dB SPL 30 dB SPL
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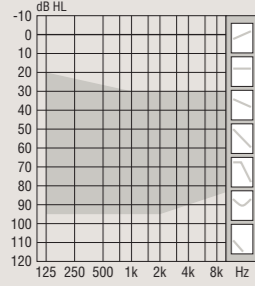

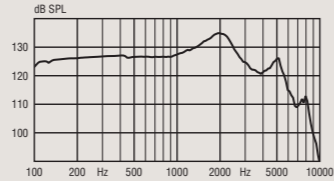
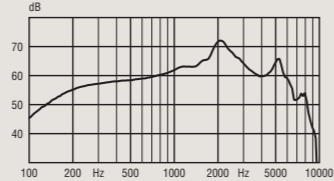
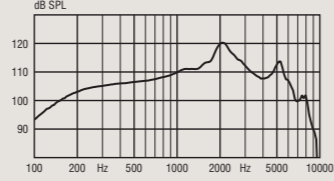
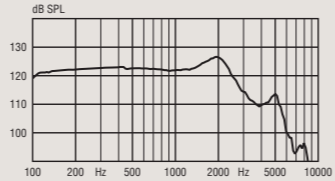
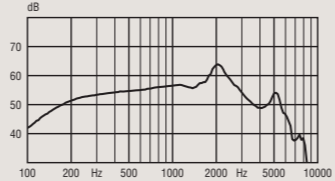
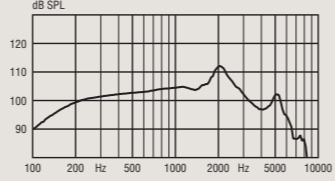
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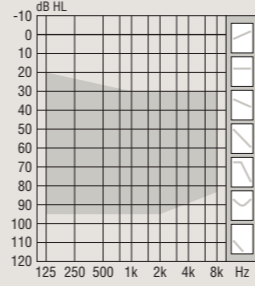

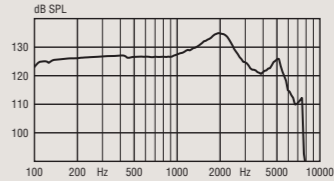
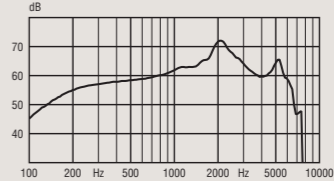
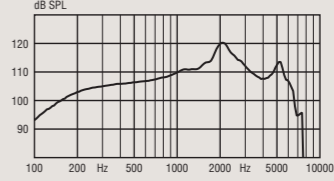
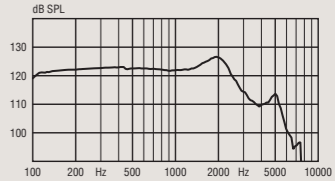
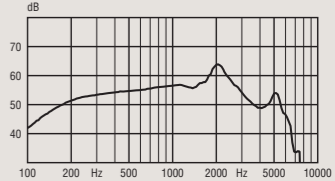
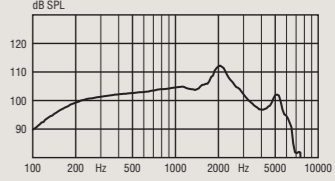
Oticon Opn Play 1

miniRITE 105

Oticon Opn Play 2

miniRITE 105

Technical data		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	ZCC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
  <p>105</p> <p>DSL Fitting Range</p> <p>Power flex mold</p>		  	  
OSPL90	Peak 1600 Hz HFA-OSPL90	135 dB SPL 132 dB SPL 130 dB SPL	127 dB SPL 125 dB SPL 122 dB SPL
Full-on gain ¹	Peak 1600 Hz HFA-FOG	72 dB 65 dB 65 dB	64 dB 57 dB 57 dB
Reference test gain		58 dB	46 dB
Frequency range		100-8200 Hz	100-7800 Hz
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	- - -	- - -
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<2 % <2 % <3 %	<2 % <2 % <2 %
Equivalent input noise level	Omni Dir	18 dB SPL 28 dB SPL	18 dB SPL 29 dB SPL
Battery consumption ²	Typical Quiescent	1.6 mA 1.5 mA	1.7 mA 1.5 mA
Battery life, artificial measurement, hours ³		110	105
Expected battery life, hours (battery size 312 - IEC PR41) ⁴		45-65	
IRIL (IEC 60118-13:2011)		800/1400/2000 MHz: 31/<16/<16 dB SPL	

Technical data		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	ZCC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
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Full-on gain ¹	Peak 1600 Hz HFA-FOG	72 dB 65 dB 65 dB	64 dB 57 dB 57 dB
Reference test gain		58 dB	46 dB
Frequency range		100-7500 Hz	100-6500 Hz
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	- - -	- - -
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<2 % <2 % <3 %	<2 % <2 % <2 %
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 2) 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.
 3) 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.
 4) 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).



Oticon A/S
Kongebakken 9
2765 Smørum
Denmark
+45 3917 7100

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www.oticon.com

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