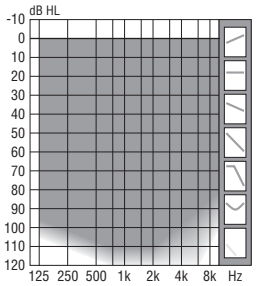
Oticon | Safari

PRODUCT INFORMATION
OTICON SAFARI 900, 600 AND 300

Oticon Safari *is a complete family of hearing instruments that fits all age groups from infants to teens. The unique needs of all children and young adults can be accommodated with models suitable for mild-moderate to profound hearing losses. A strong audiological concept combined with a robust design and intelligent LED indicator makes Safari perfect for children. A dedicated paediatric fitting mode in Genie makes fitting and counselling even easier.*

FITTING RANGE*



* Fitting range dependant on model

The power to learn and understand
Language acquisition and classroom learning require natural sound input. With Speech Guard, speech is prioritised and listening effort minimised. It is designed to maintain signal fidelity and uniquely preserves the richness of speech dynamics.

Spatial Noise Management is designed to enhance understanding in complex listening environments like classrooms. In conversations with dominating noise from one side, the ear with the clearest speech signal is automatically prioritised to reduce listening effort and retain speech cues.

The power to connect and interact
The Bluetooth-enabled Streamer and ConnectLine offer fast and easy access to PCs, TVs, music players and phones keeping teens and young children in touch with their world. The input signal can be sent directly into Safari with a single touch of a button.

Safari is designed with FM connectivity from the ground up. Oticon Amigo transmitters and integrated FM receivers connect seamlessly to all Safari models creating the ultimate paediatric solution.

Reliability and certainty
With the visual indicator (LED), parents and teachers can be absolutely sure that the Safari instrument is functioning properly. Blinking light patterns provide information on battery life and instrument status. Safari also has nanocoated surfaces, enhancing its resistance to moisture, sweat and humidity.

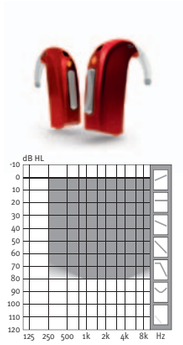
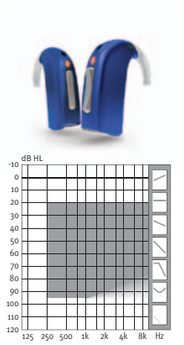
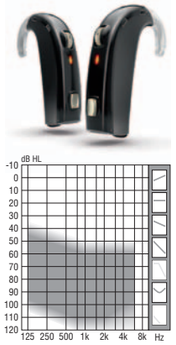
Family Features
- Speech Guard
- Spatial Sound
- Spatial Noise Management
- Binaural Processing
- Extended Bandwidth up to 10 kHz
- Binaural PB/VC Coordination
- Analogue volume control with mute
- Program button with mute
- Streamer & ConnectLine options
- LED status indicator
- Binaural Dynamic Feedback Cancellation 2 (DFC2)
- Four user programs
- AutoPhone program
- Memory (datalogging)
- Battery Low warning
- Wind noise protection
- TriState Noise Management
- Multi-band Adaptive Directionality
- DSL v5.0a m[i/o], NAL-NL1, NAL-RP and DSEsp
- T-coil
- FM and DAI input option
- Paediatric Fitting Mode
- nEARcom Cordless enabled

nEARcom Ready

RISE WIRELESS 2

oticon PAEDIATRICS

Oticon | Safari

		BTE 312	BTE POWER	BTE SUPER POWER
				
OSPL90 (peak)	Ear simulator	126 dB SPL	134 dB SPL	143 dB SPL
	2cc coupler	115 dB SPL	127 dB SPL	139 dB SPL
Full-on gain (peak)	Ear simulator	60 dB	68 dB	82 dB
	2cc coupler	51 dB	61 dB	78 dB
User Programs		1-4	1-4	1-4
nEARcom cordless enabled		Yes	Yes	Yes
Telecoil		Yes	Yes	Yes
AutoPhone		Yes	Yes	Yes
Volume control		Configurable	Configurable	Analogue
Intelligent LED status indicator		Yes	Yes	Yes
Paediatric Earhook		Yes	Yes	Yes
Tamper Resistant Battery Drawer		Yes	Yes	Yes
Battery size		312	13	13
Battery life, typical		108 hours	186 hours	186 hours

FITTING

The Paediatric Fitting Mode has an intuitive fitting flow allowing more time to be spent on counselling and less time on programming. Age-specific custom default settings promise a more accurate first fit. Specially designed assessment and counselling tools promote a more holistic fitting process.

Oticon Safari instruments are programmed using the Genie 2010.2 fitting software (or higher). The instruments can be programmed without cords using the nEARcom or with #3 cables and programming shoes.

nEARcom Cordless Fitting provides a cordless link between NOAHlink and one or two wireless enabled hearing instruments. nEARcom provides a pass-through connection to accommodate programming cables and replaces the existing NOAHlink neck loop.

OPTIONS AND ACCESSORIES

Tamper resistant battery drawer	Available in both Standard and Cool² colour ranges
Sound Hook	Interchangeable standard and paediatric hook
Damper	Damping element for replacement
DAI Adaptor	AP 900
Dedicated FM Receiver	Amigo R12
Universal FM receiver	Amigo R1, R2, (FM9)
Neckloop FM receiver	Amigo Arc
Amigo Transmitters	T21, T20, T10, T5

COLOUR SELECTION

Standard

SAFARI MODEL FEATURES	900 BTE 312/Power	600 BTE 312/Power	300 BTE 312/Power	900 SP	600 SP	300 SP
Speech Guard	No	No	No	Yes	Yes	No
Spatial Noise Management	No	No	No	Yes	No	No
Fitting formula	DSL/NAL	DSL/NAL	DSL/NAL	DSL/NAL/DSEsp	DSL/NAL/DSEsp	DSL/NAL/DSEsp
Bandwidth	10 kHz	8 kHz	8 kHz	6.5 kHz	6.5 kHz	6.5 kHz
Binaural Synchronisation	Yes	No	No	Yes	No	No
Binaural Coordination of Program	Yes	Yes	No	Yes	Yes	Yes
Binaural Coordination of Volume	Yes	Yes	No	No (Analogue)	No (Analogue)	No (Analogue)
Binaural DFC 2	Yes	No	No	Yes	Yes	Yes
Adaptive Directionality	Multiband/Tri mode	Multiband/Tri mode	Singleband/Dual mode	Multiband/Tri mode	Multiband/Tri mode	Singleband/Dual mode
Noise Management	TriState	TriState	Modulation	TriState	TriState	Modulation
Wind noise Protection	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Adaptation Manager	Yes	Yes	Yes	No	No	No
Fitting Bands	10	8	6	9	8	6
Data logging/Memory	Yes	Yes	Yes	Yes	Yes	Yes
Streamer compatible	Yes	Yes	No	Yes	Yes	Yes
Music Widening	No	No	No	Yes	No	No
Power Bass	No	No	No	Yes	No	No
ConnectLine compatible	Yes	Yes	No	Yes	Yes	Yes

BTE 312
900

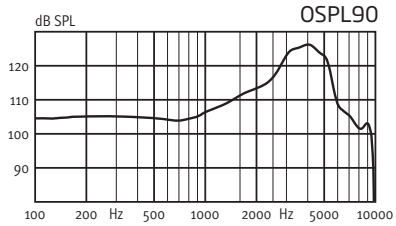
Oticon | Safari

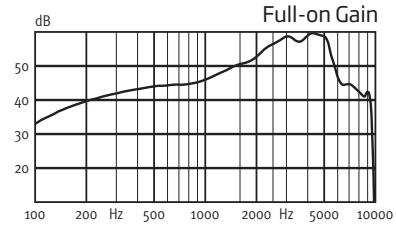
Scale 1:1

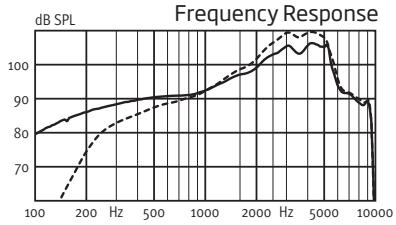
Technical Information
Omnidirectional mode is used unless otherwise stated.

EAR SIMULATOR

Measured according to
IEC 60118-0 (1983) and 60711 (1981)
and DIN 45605.



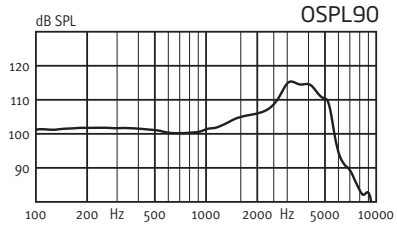


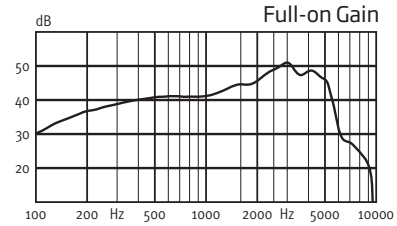


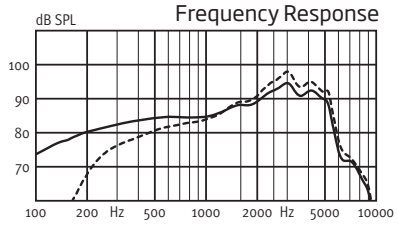
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

2CC COUPLER

Measured according to
ANSI S3.22 (2003) and S3.7 (1995),
IEC 60118-7 (2005) and IEC 60318-5 (2006).







Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

		EAR SIMULATOR	2CC COUPLER
OSPL90	Peak	126 dB SPL	115 dB SPL
	1600 Hz	111 dB SPL	105 dB SPL
	Average	108 dB SPL	105 dB SPL
Full-on gain	Peak	60 dB	51 dB
	1600 Hz	51 dB	45 dB
	Average	47 dB	45 dB
Frequency range		100-9500 Hz	100-8000 Hz
Telecoil output (1600 Hz)	1 mA/m field	82 dB SPL	-
	10 mA/m field	102 dB SPL	-
	SPLITS L/R	-	88/88 dB SPL
Total harmonic distortion	500 Hz	1.2 %	0.7 %
(Input 70 dB SPL)	800 Hz	1.7 %	0.9 %
	1600 Hz	0.4 %	0.1 %
Equivalent input noise level (A)	Omni	22 dB SPL	17 dB SPL
	Dir	30 dB SPL	26 dB SPL
Battery consumption	Quiescent	1.3 mA	1.3 mA
	Typical	1.3 mA	1.4 mA

Battery life*	IEC 60118-0 §7.11	108 hours
(Size 312, IEC PR41)		
IRIL (IEC 60118-13)	GSM/DECT	-18/-14 dB SPL

*) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

BTE 312
600
300

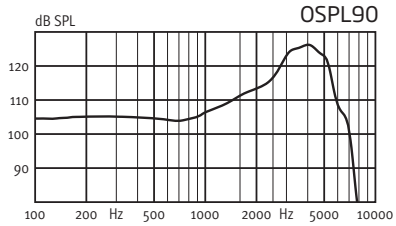
Oticon | Safari

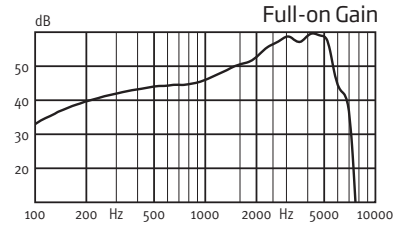
Scale 1:1

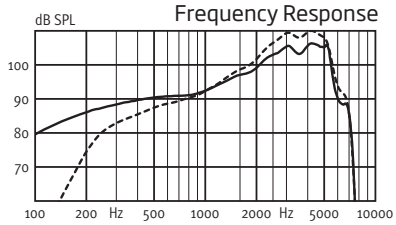
Technical Information
Omnidirectional mode is used unless otherwise stated.

EAR SIMULATOR

Measured according to
IEC 60118-0 (1983) and 60711 (1981)
and DIN 45605.



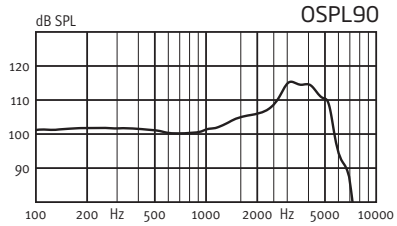


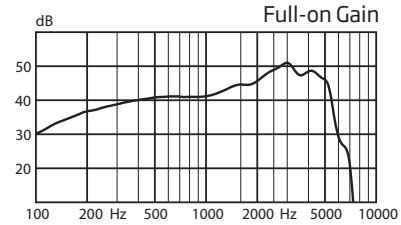


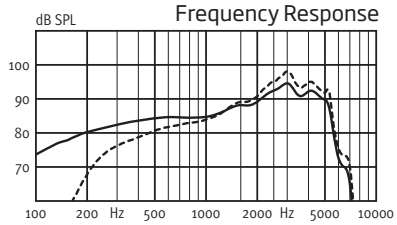
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

2CC COUPLER

Measured according to
ANSI S3.22 (2003) and S3.7 (1995),
IEC 60118-7 (2005) and IEC 60318-5 (2006).







Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

OSPL90	Peak	126 dB SPL	115 dB SPL
	1600 Hz	111 dB SPL	105 dB SPL
	Average	108 dB SPL	105 dB SPL
Full-on gain	Peak	60 dB	51 dB
	1600 Hz	51 dB	45 dB
	Average	47dB	45 dB
Frequency range		100-7200 Hz	100-6800 Hz
Telecoil output (1600 Hz)	1 mA/m field	82 dB SPL	-
	10 mA/m field	102 dB SPL	-
	SPLITS L/R	-	88/88 dB SPL
Total harmonic distortion	500 Hz	1.2 %	0.7 %
(Input 70 dB SPL)	800 Hz	1.7 %	0.9 %
	1600 Hz	0.4 %	0.1 %
Equivalent input noise level (A)	Omni	22 dB SPL	17 dB SPL
	Dir	30 dB SPL	26 dB SPL
Battery consumption	Quiescent	1.3 mA	1.3 mA
	Typical	1.3 mA	1.4 mA

Battery life*	IEC 60118-0 §7.11	108 hours
(Size 312, IEC PR41)		
IRIL (IEC 60118-13)	GSM/DECT	-18/-14 dB SPL

*) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

BTE POWER
900

Oticon | Safari

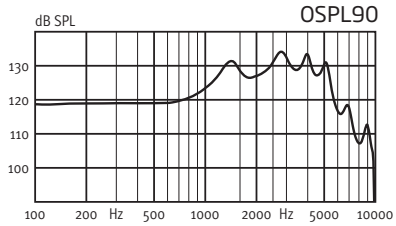
Scale 1:1

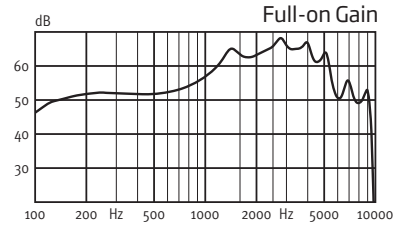
Technical Information
Omnidirectional mode is used unless otherwise stated.

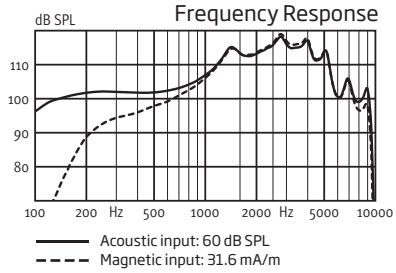
Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

EAR SIMULATOR

Measured according to IEC 60118-0 (1983) and 60711 (1981) and DIN 45605.

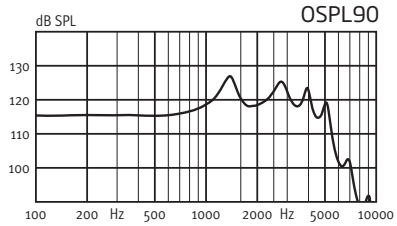


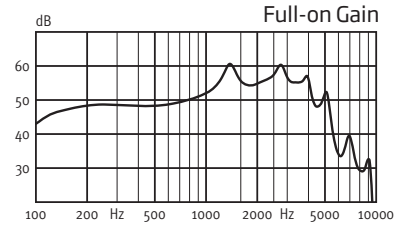


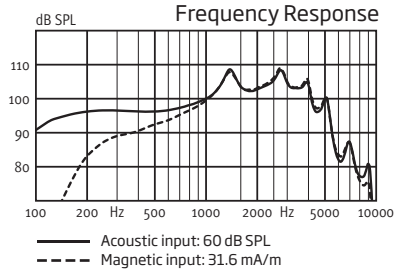


2CC COUPLER

Measured according to ANSI S3.22 (2003) and S3.7 (1995), IEC 60118-7 (2005) and IEC 60318-5 (2006).







		EAR SIMULATOR	2CC COUPLER
OSPL90	Peak	134 dB SPL	127 dB SPL
	1600 Hz	128 dB SPL	120 dB SPL
	Average	123 dB SPL	120 dB SPL
Full-on gain	Peak	68 dB	61 dB
	1600 Hz	63 dB	56 dB
	Average	57 dB	55 dB
Frequency range		100-9500 Hz	100-6000 Hz
Telecoil output (1600 Hz)	1 mA/m field	93 dB SPL	-
	10 mA/m field	113 dB SPL	-
	SPLITS L/R	-	99/99 dB SPL
Total harmonic distortion	500 Hz	1.4 %	1.0 %
(Input 70 dB SPL)	800 Hz	0.5 %	0.5 %
	1600 Hz	0.4 %	0.3 %
Equivalent input noise level (A)	Omni	16 dB SPL	15 dB SPL
	Dir	28 dB SPL	26 dB SPL
Battery consumption	Quiescent	1.3 mA	1.3 mA
	Typical	1.4 mA	1.4 mA

Battery life*	IEC 60118-0 §7.11	186 hours
(Size 13, IEC PR48)		
IRIL (IEC 60118-13)	GSM/DECT	-28/-34 dB SPL

*) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

BTE POWER
600
300

Oticon | Safari

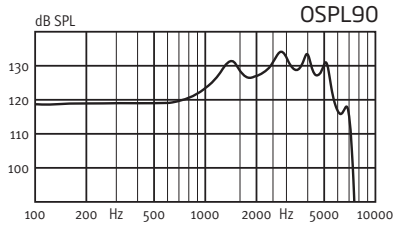
Scale 1:1

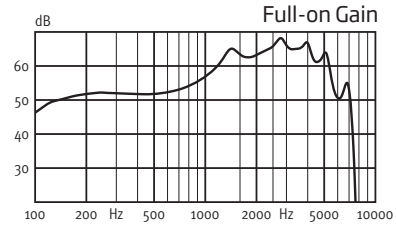
Technical Information
Omnidirectional mode is used unless otherwise stated.

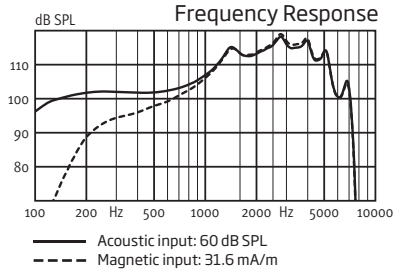
Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

EAR SIMULATOR

Measured according to IEC 60118-0 (1983) and 60711 (1981) and DIN 45605.

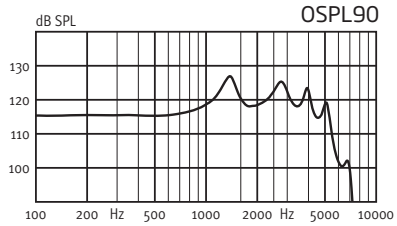


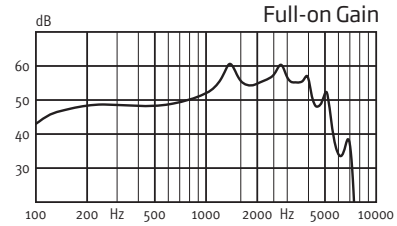


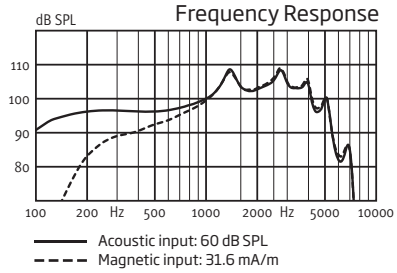


2CC COUPLER

Measured according to ANSI S3.22 (2003) and S3.7 (1995), IEC 60118-7 (2005) and IEC 60318-5 (2006).







		EAR SIMULATOR	2CC COUPLER
OSPL90	Peak	134 dB SPL	127 dB SPL
	1600 Hz	128 dB SPL	120 dB SPL
	Average	123 dB SPL	120 dB SPL
Full-on gain	Peak	68 dB	61 dB
	1600 Hz	63 dB	56 dB
	Average	57 dB	55 dB
Frequency range		100-7200 Hz	100-6000 Hz
Telecoil output (1600 Hz)	1 mA/m field	93 dB SPL	-
	10 mA/m field	113 dB SPL	-
	SPLITS L/R	-	99/99 dB SPL
Total harmonic distortion	500 Hz	1.4 %	1.0 %
(Input 70 dB SPL)	800 Hz	0.5 %	0.5 %
	1600 Hz	0.4 %	0.3 %
Equivalent input noise level (A)	Omni	16 dB SPL	15 dB SPL
	Dir	28 dB SPL	26 dB SPL
Battery consumption	Quiescent	1.3 mA	1.3 mA
	Typical	1.4 mA	1.4 mA

Battery life*	IEC 60118-0 §7.11	186 hours
(Size 13, IEC PR48)		
IRIL (IEC 60118-13)	GSM/DECT	-28/-34 dB SPL

*) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

BTE SUPER POWER
900
600
300

Oticon | Safari

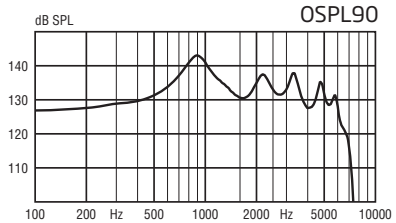
Scale 1:1

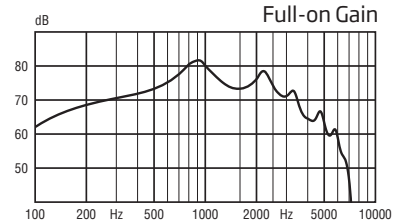
Technical Information
Omnidirectional mode is used unless otherwise stated.

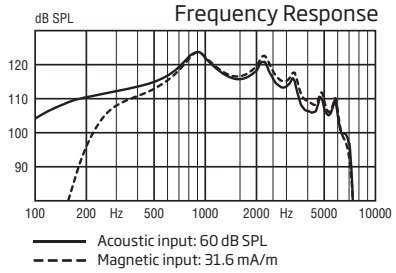
Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711).
Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

EAR SIMULATOR

Measured according to IEC 60118-0 (1983) and 60711 (1981) and DIN 45605.

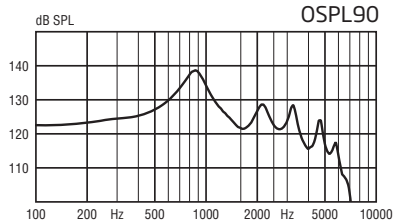


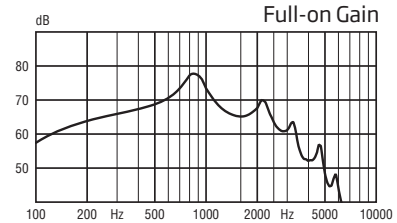


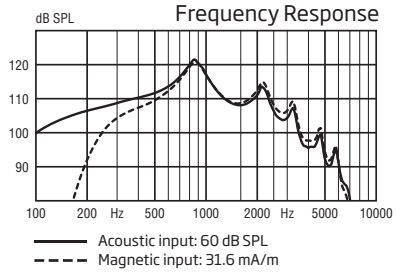


2CC COUPLER

Measured according to ANSI S3.22 (2003) and S3.7 (1995), IEC 60118-7 (2005) and IEC 60318-5 (2006).







		EAR SIMULATOR	2CC COUPLER
OSPL90	Peak	143 dB SPL	139 dB SPL
	1600 Hz	131 dB SPL	122 dB SPL
	Average	136 dB SPL	126 dB SPL
Full-on gain	Peak	82 dB	78 dB
	1600 Hz	73 dB	65 dB
	Average	76 dB	67 dB
Frequency range		100-6500 Hz	100-6200 Hz
Telecoil output (1600 Hz)	1 mA/m field	105 dB SPL	-
	10 mA/m field	125 dB SPL	-
	SPLITS L/R	-	109/109 dB SPL
Total harmonic distortion	500 Hz	2.5 %	2.5 %
(Input 70 dB SPL)	800 Hz	1.0 %	1.0 %
	1600 Hz	2.0 %	2.5 %
Equivalent input noise level (A)	Omni	20 dB SPL	21 dB SPL
	Dir	31 dB SPL	32 dB SPL
Battery consumption	Quiescent	1.3 mA	1.3 mA
	Typical	1.4 mA	2.0 mA

Battery life*	IEC 60118-0 §7.11	186 hours
(Size 13, IEC PR48)		
IRIL (IEC 60118-13)	GSM/DECT	-49/-28 dB SPL

*) The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment

child friendly hearing care

It takes a truly dedicated approach to help children with hearing problems achieve their full potential. That's why we deliver the solutions and services that professionals and caregivers need to provide children the opportunities they deserve. This is what child-friendly hearing care is all about.

104546UK / 07.10

www.oticonpaediatrics.com

oticon PAEDIATRICS