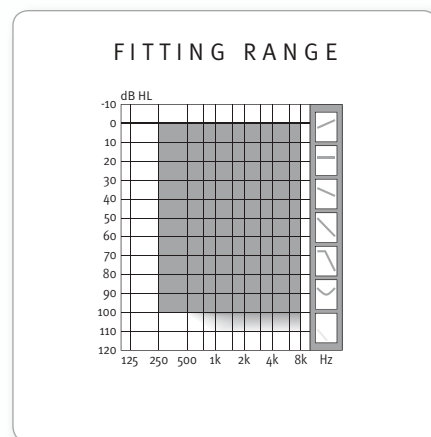




## PRODUCT INFORMATION VIGO PRO CONNECT/VIGO CONNECT

*Oticon Vigo Connect is a family of high performing, mid-priced instruments suitable for all types of hearing losses within the mild to severe-to-profound range. The family comes in two product lines, Vigo Pro Connect and Vigo Connect, covering the complete spectrum from small custom styles to RITE Power and BTE Power. Oticon Vigo Connect is built on the RISE architecture with wireless connectivity to the ConnectLine universe via Oticon Streamer. This enables users to connect directly to a mobile phone, land line phone, TV, music player and PC.*



### KEY FEATURES

#### Multi-band Adaptive Directionality

Multi-band Adaptive Directionality has four frequency bands allowing effective directionality in far more situations. Also, it is able to suppress multiple noise sources simultaneously providing the optimum Voice-to-Noise ratio in more situations. There are three directionality modes: Surround, Split Directionality and Full Directionality.

#### TriState Noise Management

TriState Noise Management uses the voice-detection technology "Voice-Finder" to move smoothly and automatically between three different states. This maintains comfort whilst preserving speech intelligibility.

#### VC Learning

VC learning enables the hearing instrument automatically to adjust the volume in specific sound environments in accordance with the users behavioural pattern. This reduces user handling and minimizes fine tuning.

#### Automatic Adaptation Manager

The Automatic Adaptation Manager allows the instrument to automatically and gradually increase gain over a period of time. This increases flexibility during the fitting process and reduces fine tuning sessions.

#### ConnectLine

Through the use of the optional Oticon Streamer, which is the core of the ConnectLine system, the hearing instruments are wirelessly connected to audio sources for entertainment and easy communication with such devices as a mobile phone, land line phone, TV, music player and PC.

#### Standard Features

- DecisionMaker2™
- Bandwidth 8 kHz
- Multi-band Adaptive Directionality\*
- TriState Noise Management\*
- VC Learning\*
- Automatic Adaptation Manager
- Dynamic Feedback Cancellation 2 (DFC2)
- Front Focus
- Open Ear Acoustics
- Corda<sup>2</sup> thin tube solution
- Wind noise protection
- NAL-NL1 and DSL v5.0a m[i/o]
- Memory
- Four user programs
- DAI and FM
- T-coil
- AutoPhone program
- Battery Low warning
- Sound indicators for program shifts
- Mute/Stand by mode
- Streamer & ConnectLine enabled
- nEARcom Cordless enabled

\*) Vigo Pro Connect only



**FITTING**

Vigo Pro Connect and Vigo Connect instruments are programmed using the Genie 2010.1 Fitting Software or higher compatible with NOAH 3 or higher. They can be programmed using either programming cables #3 or cordlessly using nEARcom.

**Fitting with cables**  
 CIC/MIC FlexConnect  
 ITC/ITE Programming Adaptor  
 BTE/RITE Programming Shoe

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

		RITE	RITE POWER	BTE 312	BTE 13	BTE POWER	CIC/MIC	CIC/MIC POWER	ITC	ITE
OSPL <sub>go</sub> (peak)	Ear simulator	119 dB SPL	132 dB SPL	126 dB SPL	126 dB SPL	134 dB SPL	119 dB SPL	128 dB SPL	123 dB SPL	123 dB SPL
	2cc coupler	108 dB SPL	124 dB SPL	115 dB SPL	118 dB SPL	127 dB SPL	109 dB SPL	118 dB SPL	113 dB SPL	113 dB SPL
Full-on gain (peak)	Ear simulator	57 dB	65 dB	60 dB	60 dB	68 dB	47 dB	60 dB	51 dB	56 dB
	2cc coupler	46 dB	55 dB	51 dB	51 dB	61 dB	37 dB	50 dB	41 dB	46 dB
Programs		1-4	1-4	1-4	1-4	1-4	1	1	1-4	1-4
Cordless Fitting (nEARcom)		Yes	Yes	Yes	Yes	Yes	No	No	Optional	Optional
Telecoil		Yes	Yes	Yes	Yes	Yes	No	No	Optional	Optional
AutoPhone		Yes	Yes	Yes	Yes	Yes	No	No	Optional	Optional
Volume control		Configurable	Configurable	Configurable	Configurable	Configurable	No	No	No	Optional
FM compatible		Yes	Yes	Yes	Yes	Yes	No	No	No	No
ConnectLine		Optional	Optional	Optional	Optional	Optional	No	No	Optional	Optional
Battery size		312	312	312	13	13	10	10	312	312
Battery life, typical		108 hours	100 hours	117 hours	220 hours	215 hours	115 hours	100 hours	117 (140*) hours	117 (140*) hours

(\*) For non-wireless instruments

FEATURES	Vigo Pro Connect	Vigo Connect
Fitting formula	NAL/DSL	NAL/DSL
Bandwidth	8 kHz	8 kHz
Adaptive Directionality*	Multi-band	Single-band
Automatic Directionality*	Tri-mode	Tri-mode
Noise Management	TriState	Modulation
VC Learning	Yes	No
Identities	3	3
Fitting bands	8	6
Binaural Push Button Coordination	Yes	Yes
User programs	4	4

\*) Except for CIC/MIC and CIC/MIC Power

**RITE STYLES**

Speaker Unit	Available in four lengths: Short, Medium, Long and Extra Long (1-4)
Ear Piece	Open Dome: Available in three sizes - 6 mm, 8 mm, 10 mm Plus Dome: One size Power Dome: Available in three sizes - 8 mm, 10 mm, 12 mm Micro Mould and Power Mould/Power Micro Mould: Requires taking an impression
Ear Grip	Ensures a secure and comfortable grip. One version fits left and right ear
Wax Protection	NoWax in speaker unit. WaxStop in Micro Mould and Power Mould/Power Micro Mould

**RITE and BTE STYLES**

Tamper resistant battery drawer	Available in Standard Line and Cool2 colour ranges
Sound Hook	Interchangeable standard and paediatric hook (BTE's only)
Damper	Damping element for replacement (BTE's only)
Thin Tube Fitting	Corda <sup>2</sup> (BTE 312 and BTE 13 only)
DAI Adaptor	AP 900
Dedicated FM Receiver	Amigo R12 312: Only with blinking LED
FM Adaptor	FM 9 312: Compatible with Amigo R1 and R2 with blinking LED 13: Compatible with Amigo R1, R2 and other universal receivers

**COLOUR SELECTION**

RITE and BTE shells	Chroma Beige (90)	Silver Grey (91)	Steel Grey (92)	Chestnut Brown (93)	Terracotta (94)	Diamond Black (63)
	Blue (47)	Red (46)	Purple (45)	Silver (44)	Baby Pink (43)	Baby Blue (42)
Skin Custom instruments	Beige (01)	Light Brown (02)	Medium Brown (03)	Dark Brown (04)		
Power Mould RITE Power	Pink (Po1)	Beige (Po2)	Medium Brown (Po3)	Dark Brown (Po4)		

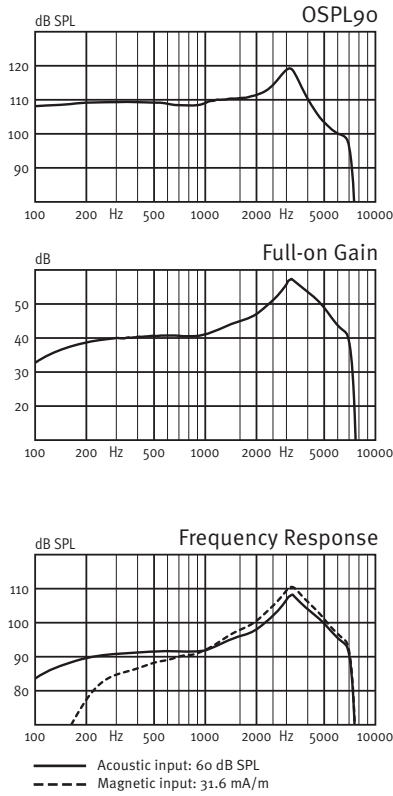


Scale 1:1

**Technical Information**  
Omnidirectional mode is used unless otherwise stated.

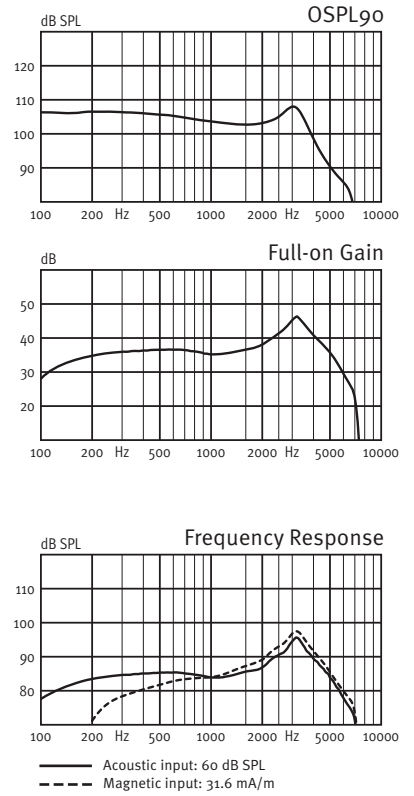
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	119 dB SPL	108 dB SPL
	1600 Hz	111 dB SPL	103 dB SPL
	Average	110 dB SPL	104 dB SPL
Full-on gain	Peak	57 dB	46 dB
	1600 Hz	45 dB	37 dB
	Average	43 dB	37 dB
Frequency range		100-7400 Hz	100-7200 Hz
Telecoil output (1600 Hz)	1 mA/m field	77 dB SPL	-
	10 mA/m field	97 dB SPL	-
	SPLITS L/R	-	87/89 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	0.3 %	0.1 %
	800 Hz	0.5 %	0.3 %
	1600 Hz	0.5 %	0.4 %
Equivalent input noise level (A)	Omni	22 dB SPL	19 dB SPL
	Dir	29 dB SPL	25 dB SPL
Battery consumption	Quiescent	1.3 mA	1.3 mA
	Typical	1.3 mA	1.3 mA

Estimated battery life (Size 312, IEC PR41)	Typical	108 hours
IRIL (IEC 60118-13)	GSM/DECT	-23/-12 dB SPL



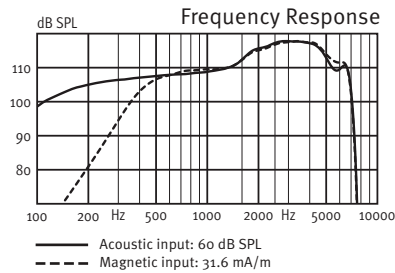
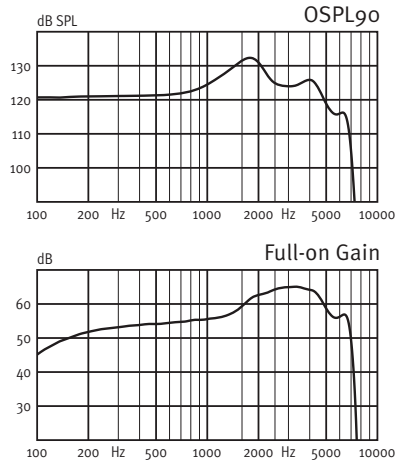
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**Technical Information**  
Omnidirectional mode is used unless otherwise stated.

**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.

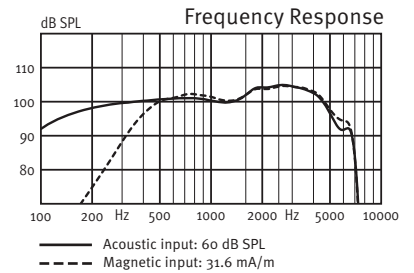
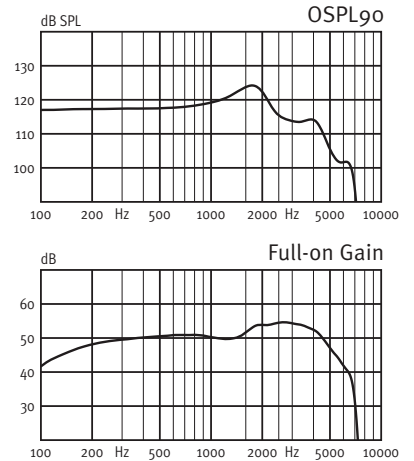
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	132 dB SPL	124 dB SPL
	1600 Hz	131 dB SPL	124 dB SPL
	Average	125 dB SPL	119 dB SPL
Full-on gain	Peak	65 dB	55 dB
	1600 Hz	59 dB	52 dB
	Average	57 dB	52 dB
Frequency range		100-7500 Hz	100-7100 Hz
Telecoil output (1600 Hz)	1 mA/m field	89 dB SPL	-
	10 mA/m field	109 dB SPL	-
	SPLITS L/R	-	101/101 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2.0 %	1.0 %
	800 Hz	1.0 %	0.5 %
	1600 Hz	0.5 %	0.5 %
Equivalent input noise level (A)	Omni	20 dB SPL	16 dB SPL
	Dir	35 dB SPL	30 dB SPL
Battery consumption	Quiescent	1.2 mA	1.2 mA
	Typical	1.3 mA	1.4 mA

Estimated battery life (Size 312, IEC PR41)	Typical	100 hours
IRIL (IEC 60118-13)	GSM/DECT	-13/-7 dB SPL

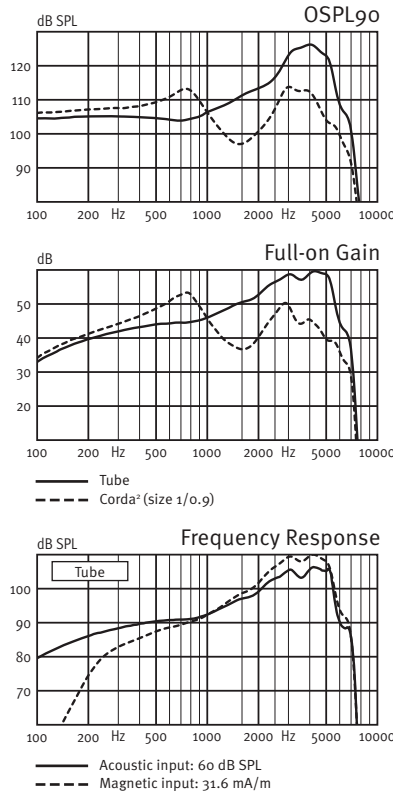


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**Technical Information**  
Omnidirectional mode is used unless otherwise stated.

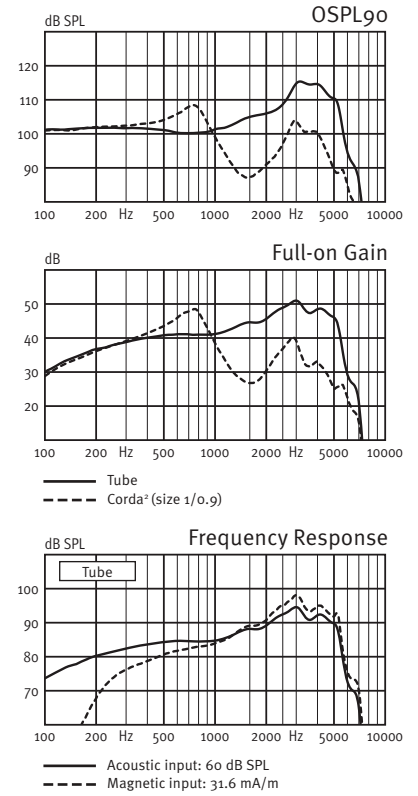
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	126 (113*) dB SPL	115 (108*) dB SPL
	1600 Hz	111 (97*) dB SPL	105 (87*) dB SPL
	Average	108 (104*) dB SPL	105 (94*) dB SPL
Full-on gain	Peak	60 (53*) dB	51 (49*) dB
	1600 Hz	51 (37*) dB	45 (27*) dB
	Average	47 (44*) dB	45 (34*) 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 (Input 70 dB SPL)	500 Hz	1.2 %	0.7 %
	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	1.1 mA	1.1 mA
	Typical	1.2 mA	1.2 mA

Estimated battery life Typical 117 hours

(Size 312, IEC PR41)

IRIL (IEC 60118-13) GSM/DECT -18/-14 dB SPL

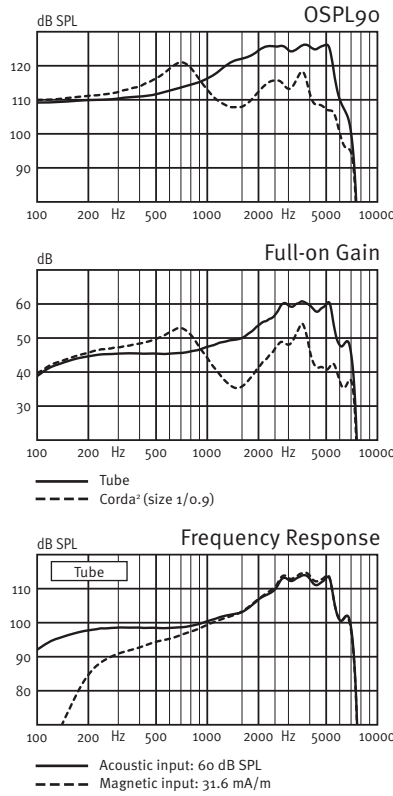


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**Technical Information**  
Omnidirectional mode is used unless otherwise stated.

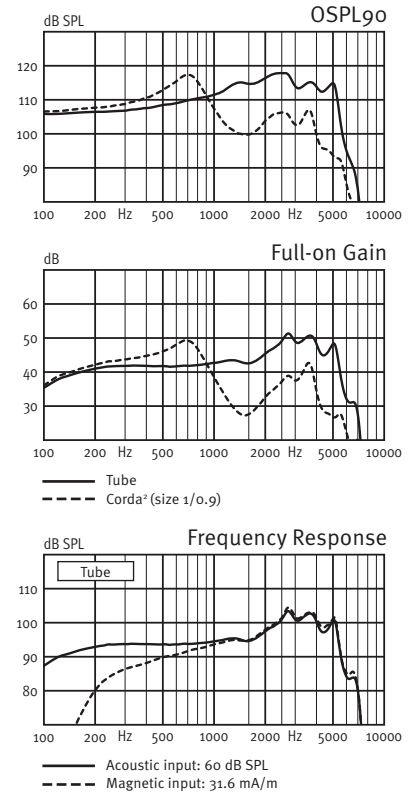
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	126 (121*) dB SPL	118 (117*) dB SPL
	1600 Hz	122 (108*) dB SPL	115 (100*) dB SPL
	Average	118 (114*) dB SPL	114 (104*) dB SPL
Full-on gain	Peak	60 (54*) dB	51 (49*) dB
	1600 Hz	50 (36*) dB	43 (28*) dB
	Average	49 (45*) dB	45 (34*) dB
Frequency range		100-7300 Hz	100-7100 Hz
Telecoil output (1600 Hz)	1 mA/m field	80 dB SPL	-
	10 mA/m field	100 dB SPL	-
	SPLITS L/R	-	95/95 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	0.3 %	0.2 %
	800 Hz	0.6 %	0.4 %
	1600 Hz	0.3 %	0.2 %
Equivalent input noise level (A)	Omni	23 dB SPL	18 dB SPL
	Dir	31 dB SPL	27 dB SPL
Battery consumption	Quiescent	1.2 mA	1.2 mA
	Typical	1.2 mA	1.2 mA

Estimated battery life Typical 220 hours

(Size 13, IEC PR48)

IRIL (IEC 60118-13) GSM/DECT -27/-34 dB SPL

(\*) For instruments fitted with Corda²



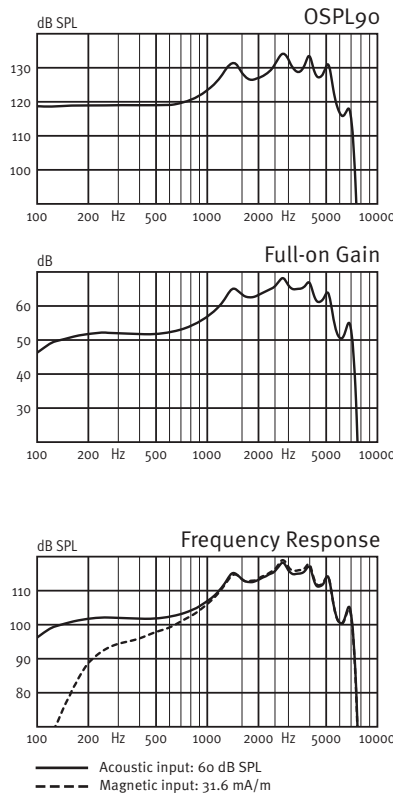
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**Technical Information**  
Omnidirectional mode is used unless otherwise stated.

**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.

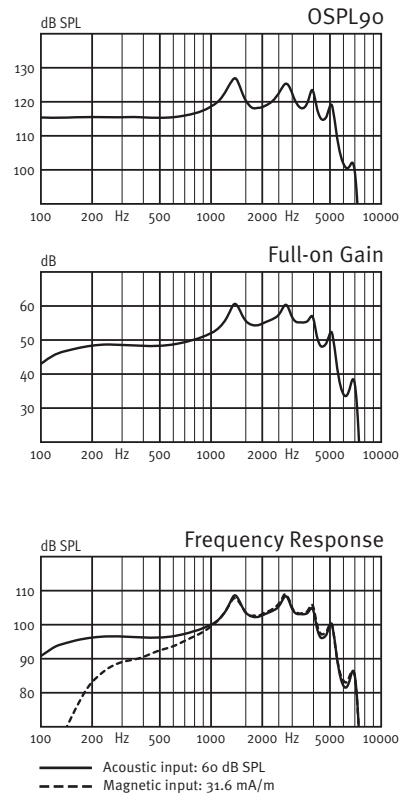
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



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 (Input 70 dB SPL)	500 Hz	1.4 %	1.0 %
	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	1.2 mA	1.2 mA
	Typical	1.2 mA	1.2 mA

Estimated battery life (Size 13, IEC PR48)	Typical	215 hours
IRIL (IEC 60118-13)	GSM/DECT	-28/-34 dB SPL



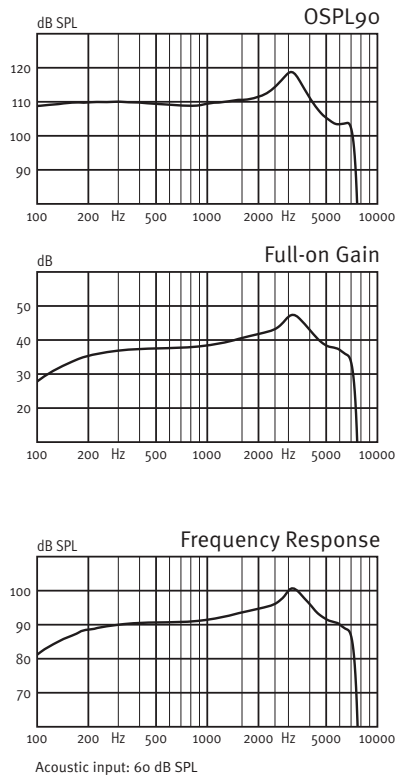
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**Technical Information**

All measurements are made on instruments with NoWax protection. Omnidirectional mode is used unless otherwise stated.

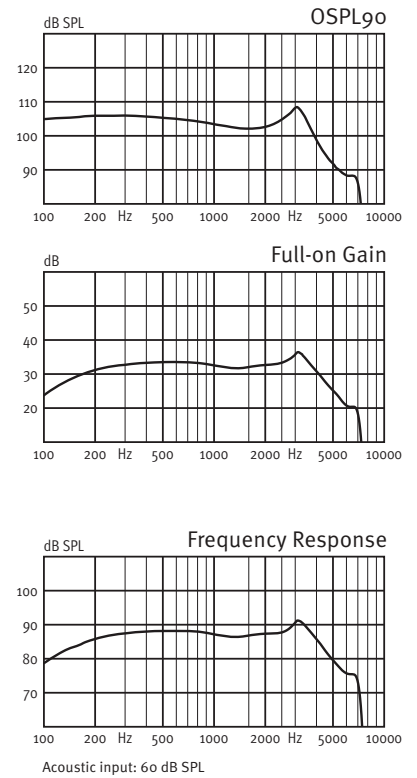
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	119 dB SPL	109 dB SPL
	1600 Hz	111 dB SPL	102 dB SPL
	Average	110 dB SPL	104 dB SPL
Full-on gain	Peak	47 dB	37 dB
	1600 Hz	41 dB	32 dB
	Average	39 dB	33 dB
Frequency range		100-7400 Hz	100-7300 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	0.6 %	0.3 %
	800 Hz	0.9 %	0.4 %
	1600 Hz	1.1 %	0.9 %
Equivalent input noise level (A)	Omni	20 dB SPL	18 dB SPL
	Dir	-	-
Battery consumption	Quiescent	0.7 mA	0.7 mA
	Typical	0.7 mA	0.8 mA

Estimated battery life (Size 10, IEC PR70)	Typical	115 hours
IRIL (IEC 60118-13)	GSM/DECT	-20/-17 dB SPL





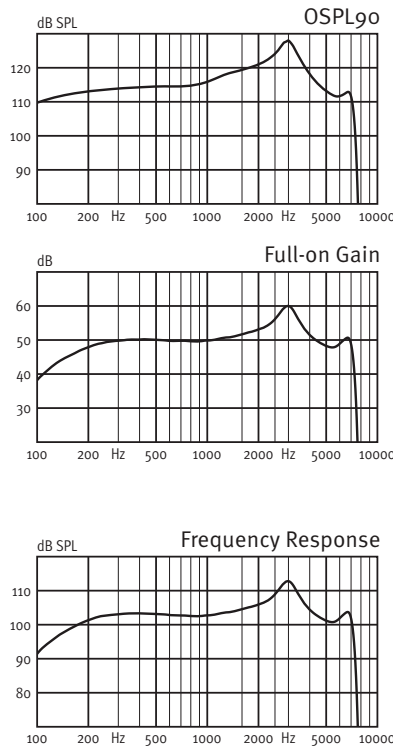
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**Technical Information**

All measurements are made on instruments with NoWax protection. Omnidirectional mode is used unless otherwise stated.

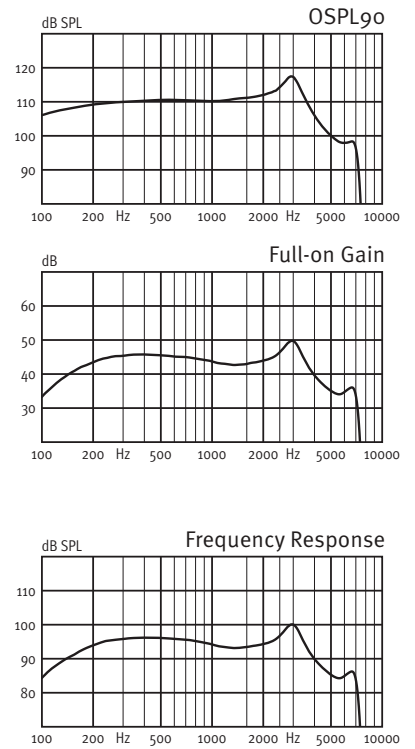
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	128 dB SPL	118 dB SPL
	1600 Hz	119 dB SPL	111 dB SPL
	Average	117 dB SPL	112 dB SPL
Full-on gain	Peak	60 dB	50 dB
	1600 Hz	52 dB	43 dB
	Average	51 dB	45 dB
Frequency range		100-7400 Hz	100-7300 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	2.0 %	1.0 %
	800 Hz	2.5 %	1.0 %
	1600 Hz	1.5 %	2.0 %
Equivalent input noise level (A)	Omni	21 dB SPL	19 dB SPL
	Dir	-	-
Battery consumption	Quiescent	0.8 mA	0.8 mA
	Typical	0.8 mA	0.8 mA

Estimated battery life	Typical	100 hours
(Size 10, IEC PR70)		
IRIL (IEC 60118-13)	GSM/DECT	-28/-33 dB SPL



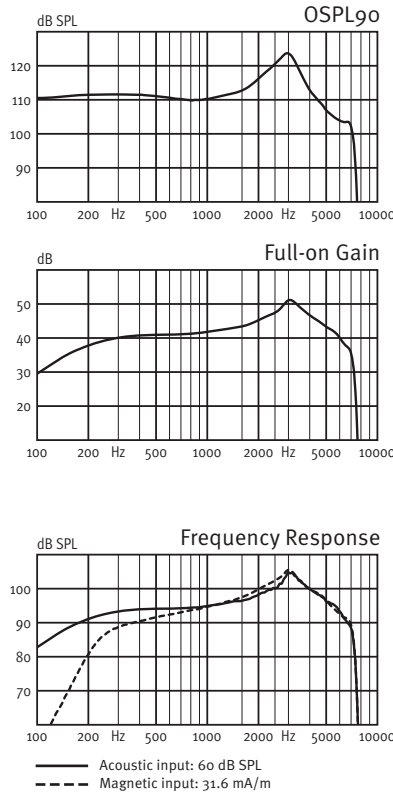
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**Technical Information**

All measurements are made on instruments with NoWax protection. Omnidirectional mode is used unless otherwise stated.

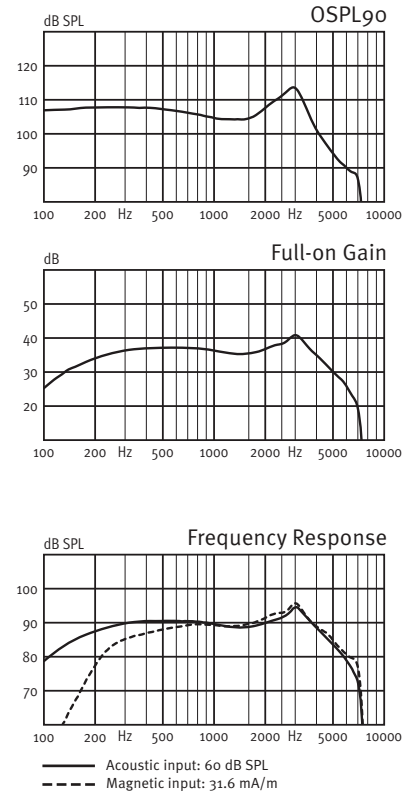
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	123 dB SPL	113 dB SPL
	1600 Hz	113 dB SPL	105 dB SPL
	Average	112 dB SPL	107 dB SPL
Full-on gain	Peak	51 dB	41 dB
	1600 Hz	43 dB	35 dB
	Average	43 dB	37 dB
Frequency range		100-7400 Hz	100-7200 Hz
Telecoil output (1600 Hz)	1 mA/m field	74 dB SPL	-
	10 mA/m field	94 dB SPL	-
	SPLITS L/R	-	87/87 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	0.8 %	0.6 %
	800 Hz	1.0 %	0.6 %
	1600 Hz	1.0 %	0.6 %
Equivalent input noise level (A)	Omni	19 dB SPL	17 dB SPL
	Dir	28 dB SPL	26 dB SPL
Battery consumption	Quiescent	1.1 (0.9*) mA	1.1 (0.9*) mA
	Typical	1.2 (1.0*) mA	1.2 (1.0*) mA

Estimated battery life (Size 312, IEC PR41)	Typical	117 (140*) hours
IRIL (IEC 60118-13)	GSM/DECT	-38/-17 dB SPL

(\*) For non-wireless instruments



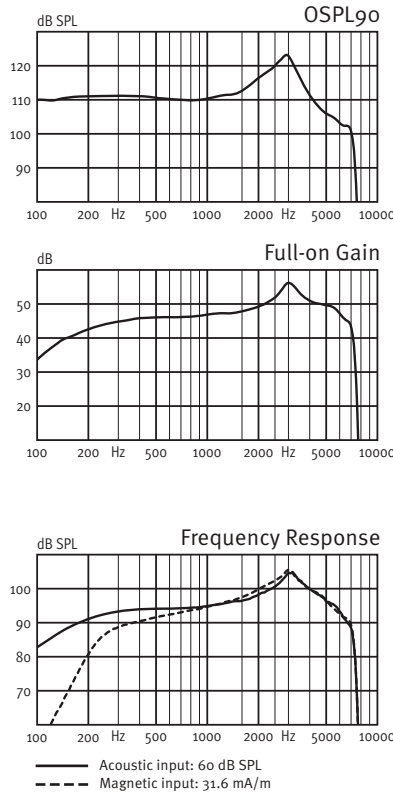
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**Technical Information**

All measurements are made on instruments with NoWax protection. Omnidirectional mode is used unless otherwise stated.

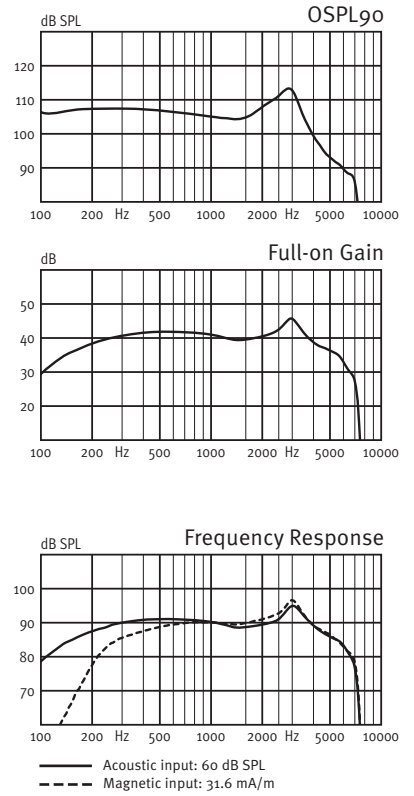
**EAR SIMULATOR**

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



**2 CC COUPLER**

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



OSPL90	Peak	123 dB SPL	113 dB SPL
	1600 Hz	113 dB SPL	105 dB SPL
	Average	112 dB SPL	107 dB SPL
Full-on gain	Peak	56 dB	46 dB
	1600 Hz	48 dB	40 dB
	Average	47 dB	41 dB
Frequency range		100-7400 Hz	100-7200 Hz
Telecoil output (1600 Hz)	1 mA/m field	79 dB SPL	-
	10 mA/m field	99 dB SPL	-
	SPLITS L/R	-	87/87 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	0.7 %	0.5 %
	800 Hz	0.8 %	0.4 %
	1600 Hz	0.7 %	0.4 %
Equivalent input noise level (A)	Omni	20 dB SPL	17 dB SPL
	Dir	27 dB SPL	25 dB SPL
Battery consumption	Quiescent	1.1 (0.9*) mA	1.2 (1.0*) mA
	Typical	1.2 (1.0*) mA	1.3 (1.1*) mA

Estimated battery life (Size 312, IEC PR41)	Typical	117 (140*) hours
IRIL (IEC 60118-13)	GSM/DECT	-43/-21 dB SPL







