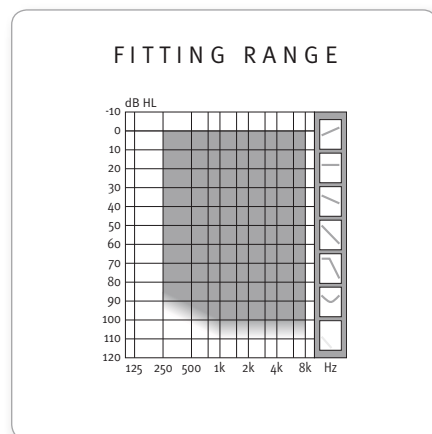




Oticon Hit is a family of reliable, great sounding hearing instruments in the mid-to-low priced market. Powered by Oticon's RISE platform, featuring sector leading automatics and 8 kHz bandwidth. Hit makes the fitting process straightforward and is quickly accepted by clients. Hit is suitable for all types of hearing losses within the mild to severe-to-profound range and comes in a broad range of styles: RITE, ITE's and discrete BTE styles offering long battery life as well as a power solution. Hit comes in two full product lines at two attractive price points.



KEY FEATURES

Increased Bandwidth

Based on the RISE technology ultra fast audio processing provides superior, undistorted sound quality in all listening environments. In combination with 8 kHz bandwidth the instrument delivers a rich sound picture.

Advanced Feedback Control

Oticon's Dynamic Feedback Cancellation system (DFC2) highly effectively eliminates feedback in most situations.

Adaptive Directionality

The directionality system increases the Voice-to-Noise ratio in challenging situations by suppressing moving and stationary noise sources from the sides and behind. There are two directionality modes: Surround and Split directionality.

Noise Management

A modulation-based Noise Management System which uses a speech-weighted approach to ensure that interfering noise is attenuated without notably affecting important speech cues – this guarantees simultaneous good speech understanding and comfort.

Discreet Design

All BTE styles are small and discreet, combining robustness, high durability with userfriendly ergonomics. All BTE styles are available in 10 full colour shells.

Standard Features

- Bandwidth 8 kHz
- Automatic Directionality
- Adaptive Directionality*
- Noise Management (modulation)
- Automatic Adaptation Manager*
- Dynamic Feedback Cancellation 2 (DFC2)
- Front Focus
- Open Ear Acoustics
- Corda² 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
- On-set delay and jingle
- Mute/Stand by mode
- nEARcom Cordless enabled

*) Hit Pro only



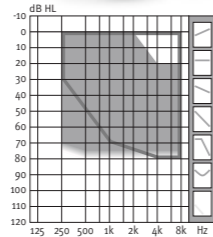
FITTING

Hit Pro and Hit 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

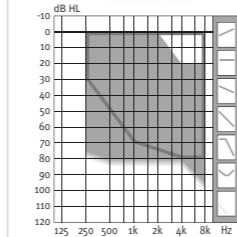
Cordless fitting - nEARcom
 nEARcom provides a cordless link between NOAHlink and one or two wireless enabled hearing instruments. In addition nEARcom provides a pass-through connection to accommodate programming cables and replaces the existing NOAHlink neck loop.

RITE



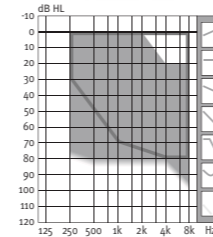
Micro Mould Dome

BTE 312



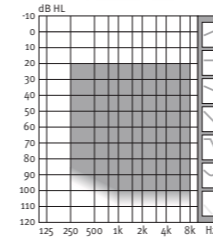
Earmould Corda²

BTE 13

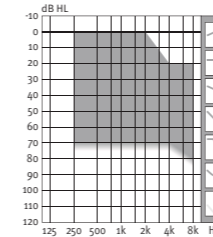


Earmould Corda²

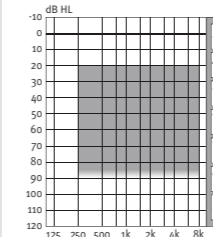
BTE POWER



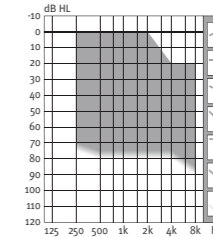
CIC/MIC



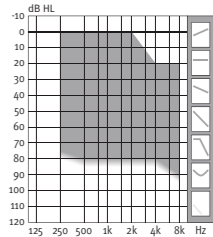
CIC/MIC POWER



ITC



ITE



OSPL ₉₀ (peak)	Ear simulator	119 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	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	60 dB	60 dB	68 dB	47 dB	60 dB	51 dB	56 dB
	2cc coupler	46 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	1	1-4	1-4
Cordless Fitting (nEARcom)		Yes	Yes	Yes	Yes	No	No	Optional	Optional
Telecoil		Yes	Yes	Yes	Yes	No	No	Optional	Optional
AutoPhone		Yes	Yes	Yes	Yes	No	No	Optional	Optional
Volume control		Configurable	Configurable	Configurable	Configurable	No	No	No	Optional
FM compatible		Yes	Yes	Yes	Yes	No	No	No	No
Battery size		312	312	13	13	10	10	312	312
Battery life, typical		108 hours	117 hours	220 hours	215 hours	115 hours	100 hours	117 (140*) hours	117 (140*) hours

(*) For non-wireless instruments

FEATURES	Hit Pro	Hit
RITE style	Yes	No
Fitting formula	NAL/DSL	NAL/DSL
Bandwidth	8 kHz	8 kHz
Adaptive Directionality*	Single-band	No
Automatic Directionality*	Dual mode	Dual mode
Noise Management	Yes	Yes
Automatic Adaptation Manager	Yes	No
Fitting bands	6	4
User programs	4	4

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

RITE STYLE

- 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: 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

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 Fiting** Corda² (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

Blue (47)	Red (46)	Purple (45)	Silver (44)	Baby Pink (43)	Baby Blue (42)

Skin Custom instruments

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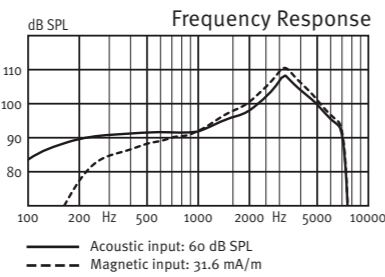
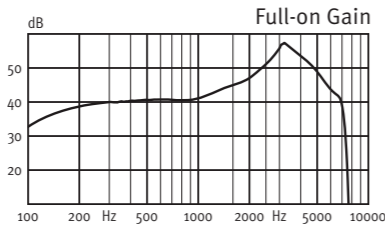
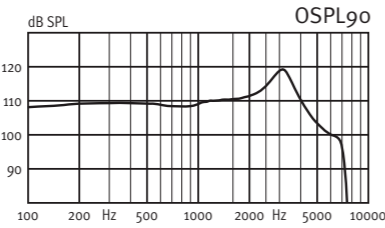


Scale 1:1

Technical Information
Omnidirectional mode is used unless otherwise stated.

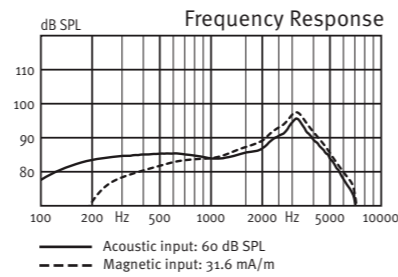
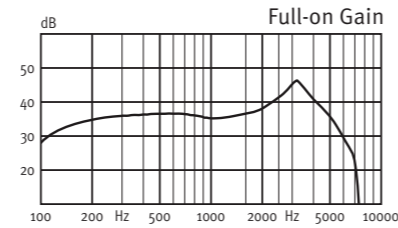
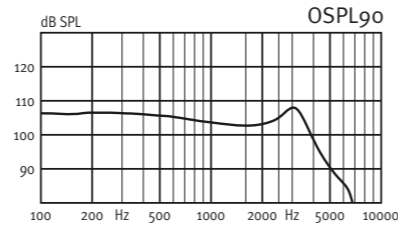
EAR SIMULATOR

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	500 Hz	0.3 %	0.1 %
(Input 70 dB SPL)	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	Typical	108 hours
(Size 312, IEC PR41)		
IRIL (IEC 60118-13)	GSM/DECT	-23/-12 dB SPL

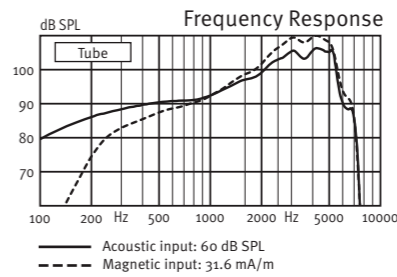
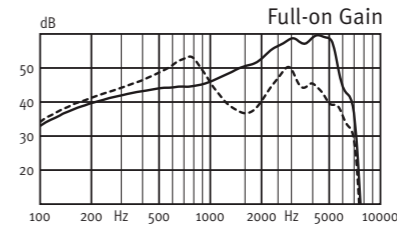
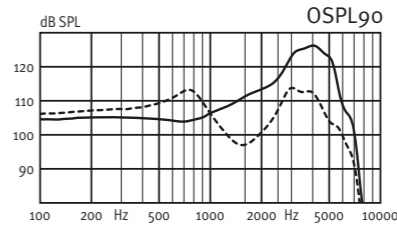


Scale 1:1

Technical Information
Omnidirectional mode is used unless otherwise stated.

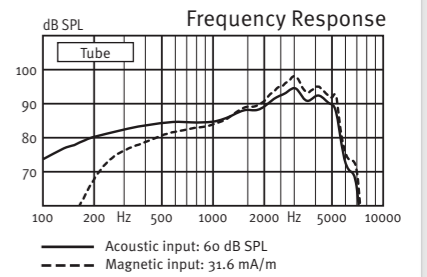
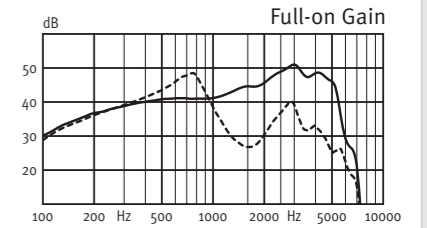
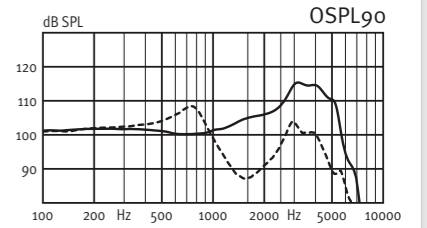
EAR SIMULATOR

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	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	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	1.1 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

(*) For instruments fitted with Corda2

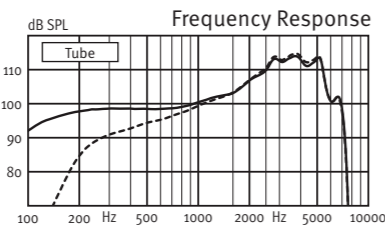
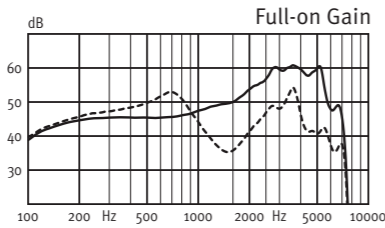
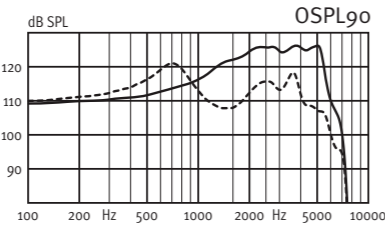


Scale 1:1

Technical Information
Omnidirectional mode is used unless otherwise stated.

EAR SIMULATOR

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

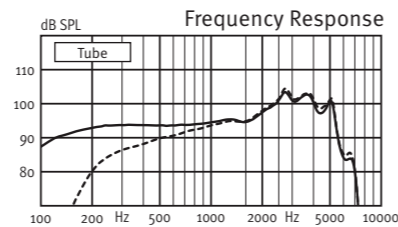
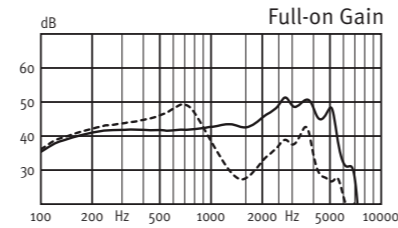
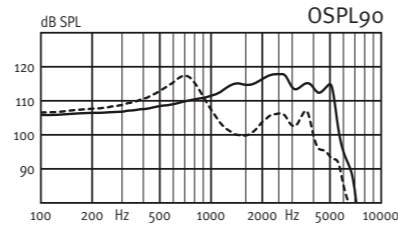


— Tube
- - - Corda² (size 1/0.9)

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

2 CC COUPLER

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



— Tube
- - - Corda² (size 1/0.9)

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

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	500 Hz	0.3 %	0.2 %
(Input 70 dB SPL)	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

6 (*) For instruments fitted with Corda²



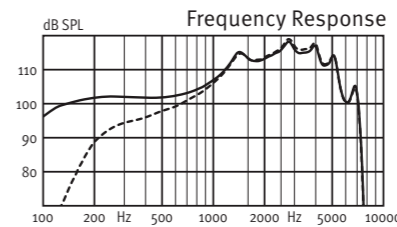
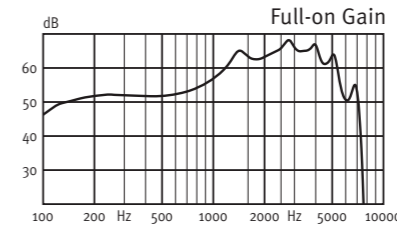
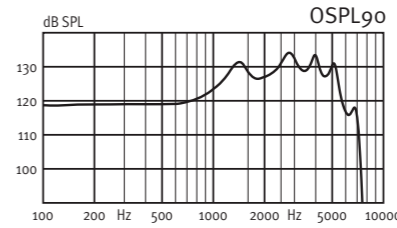
Scale 1:1

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.



— Tube
- - - Corda² (size 1/0.9)

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

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	1.2 mA	1.2 mA
	Typical	1.2 mA	1.2 mA

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



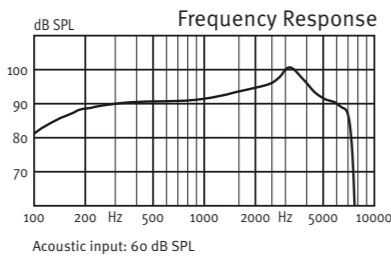
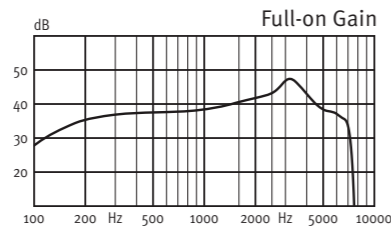
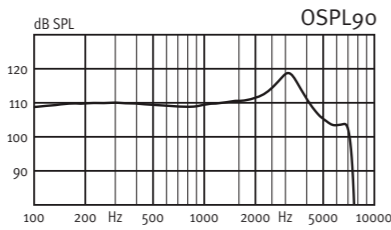
Scale 1:1

Technical Information

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

EAR SIMULATOR

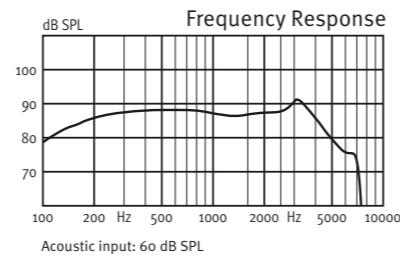
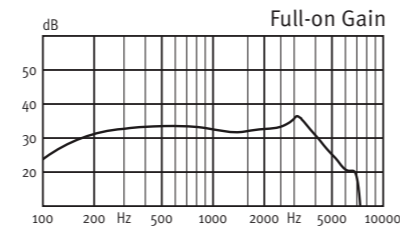
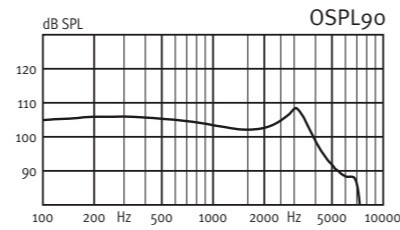
Measured according to IEC 60118-0 (1983) and 60711 (1981) and DIN 45605.



Acoustic input: 60 dB SPL

2 CC 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

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



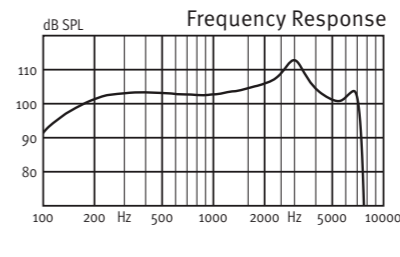
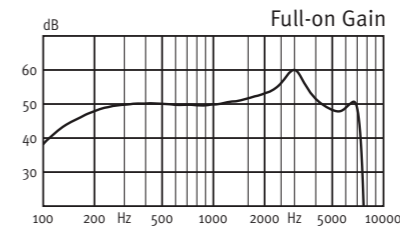
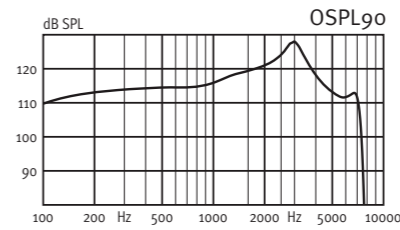
Scale 1:1

Technical Information

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

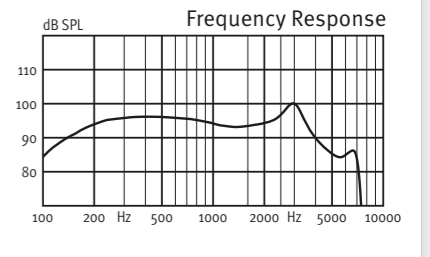
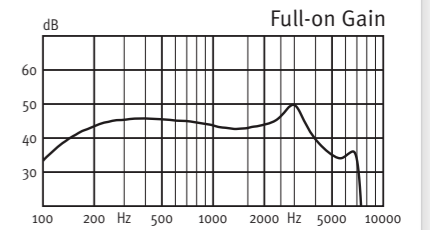
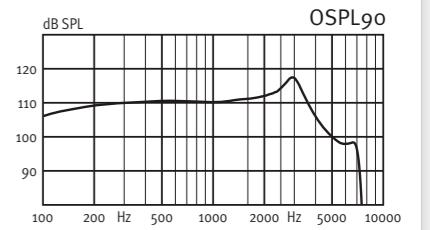
EAR SIMULATOR

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



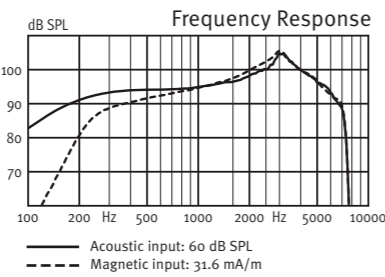
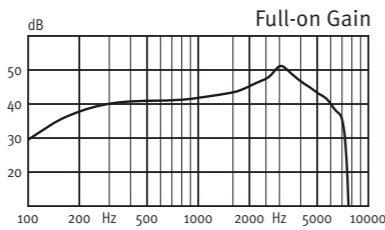
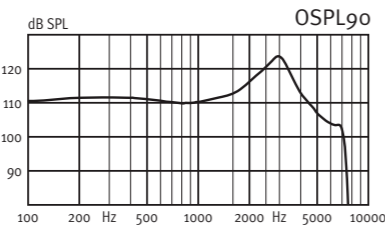
Scale 1:1

Technical Information

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

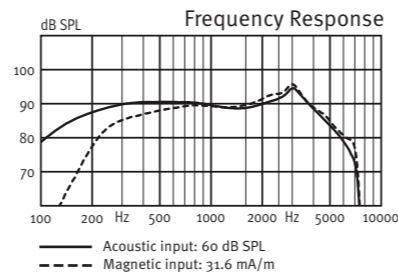
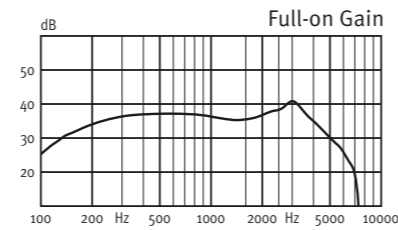
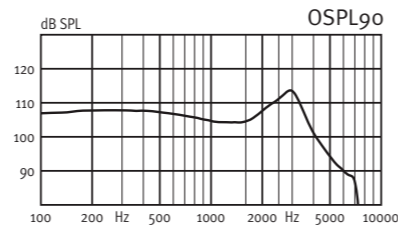
EAR SIMULATOR

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).



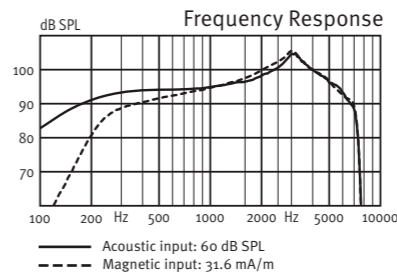
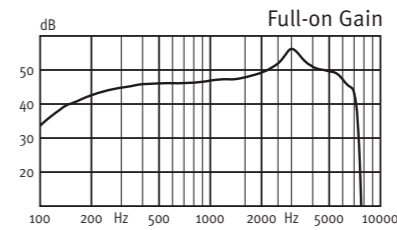
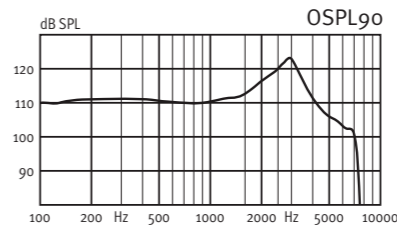
Scale 1:1

Technical Information

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

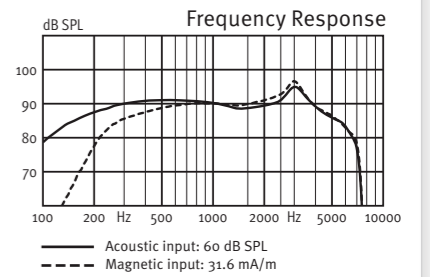
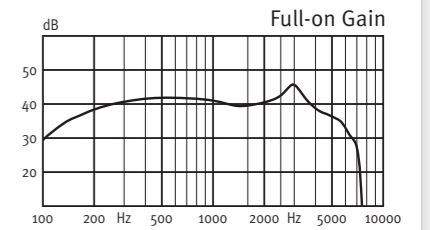
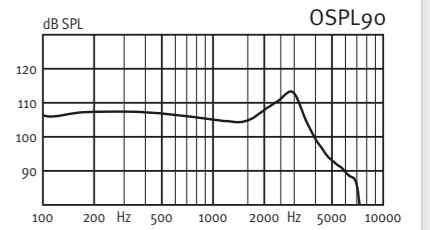
EAR SIMULATOR

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	500 Hz	0.8 %	0.6 %
(Input 70 dB SPL)	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

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	500 Hz	0.7 %	0.5 %
(Input 70 dB SPL)	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	Typical	117 (140*) hours
(Size 312, IEC PR41)		
IRIL (IEC 60118-13)	GSM/DECT	-38/-17 dB SPL

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

10 (*) For non-wireless instruments

(*) For non-wireless instruments

