



- Sound Dynamix
- Adaptive Directional Microphone (ADM)
- Adaptive Feedback Cancellation (AFC²)
- Notch Filter (manual)
- Adaptive Noise Reduction (ANR)
- Expansion (Squelch)
- Auto T-Coil or Auto Phone
- Data Logging
- Rocker switch (programmable)
- Number of Programs: 4
- Program Switch Tones (programmable)
- WDR-Channels: 8
- Channels: 16
- Low Battery Indicator (programmable)
- Battery compartment lock
- Direct Audio Input
- Option: Easy Thin Tube System

Technical Data	EN 60118-7: 2005 (2 ccm-coupler)	EN 60118-0: 1994 (Ear Simulator)	ANSI S3.22-2003 (2 ccm-coupler)
Operating Voltage	1.30 V	1.30 V	1.30 V
Acoustic Gain (50 dB SPL)			
HFA	52 dB	-	52 dB
1600 Hz	-	65 dB	-
Peak Value	60 dB	65 dB	60 dB
Max. Output (90 dB SPL)			
HFA	118 dB SPL	-	118 dB SPL
1600 Hz	-	130 dB SPL	-
Peak Value	126 dB SPL	131 dB SPL	126 dB SPL
Reference Test Gain	41 dB	56 dB	41 dB
Induction Coil Sensitivity	83 dB	95 dB	107 dB
Frequency Range	100 Hz-5700 Hz	300 Hz-5900 Hz	100 Hz-5700 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<2/2/1 %	<2/2/1 %	<2/2/1 %
Equivalent Input Noise ¹	<14 dB	<12 dB	<14 dB
Battery Current	<0.57 mA	<0.56 mA	<0.57 mA
Battery Type	312	312	312
Average Battery Life (Zinc-Air)	250 h	250 h	250 h

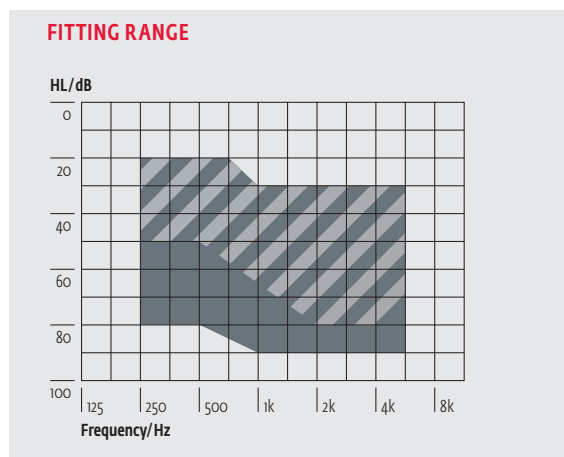
¹ Expansion (Squelch) = 20 dB SPL

- 1 Dual Microphone system
- 2 Rocker switch
- 3 Cover flap for audio contacts
- 4 Battery compartment / On-Off-switch
- 5 Battery compartment lock

Standard

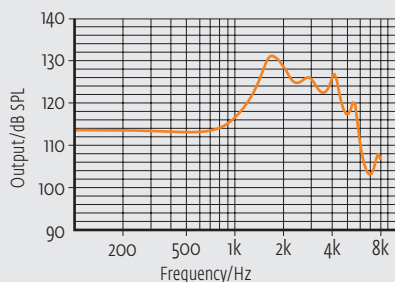
Programming (4pin. System)

Cable: Cable set H or I
 Battery: without Battery
 Progr.-Box: HI-PRO
 HI-PRO USB
 MicroCard
 NOAHlink
 Software: audifit 4.6.0

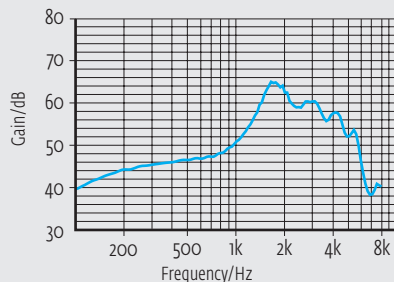


These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20 μ Pa.

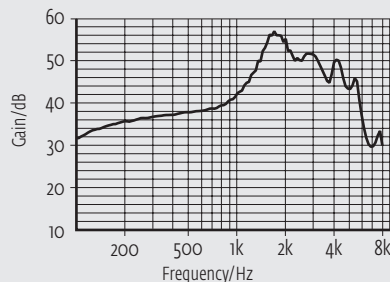
Maximum Output



Acoustic Gain

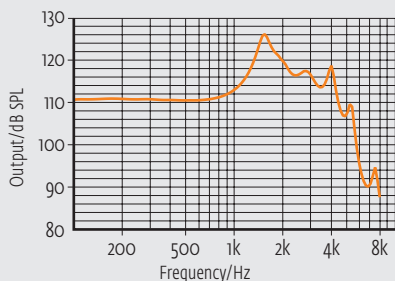


Reference Test Gain (RTG)

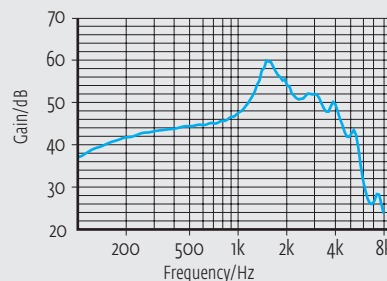


All curves are measured with **2ccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20 μ Pa.

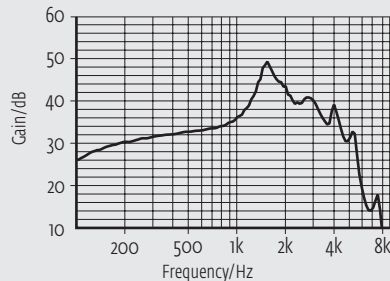
Maximum Output



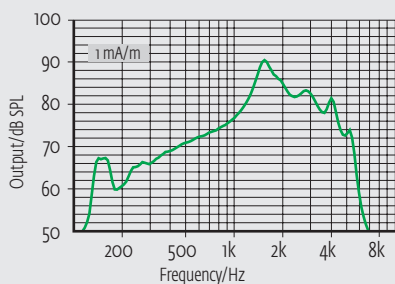
Acoustic Gain



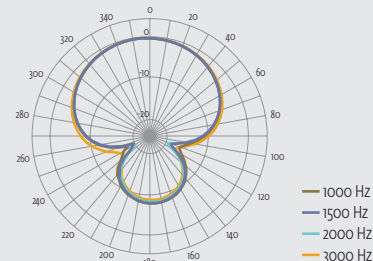
Reference Test Gain (RTG)



Induction Coil Sensivity



Directionality



On account of the complex signal processing, the measurements of the represented curves are only possible in default setting of the device and under use of the current valid software version. Effects of the separate parameters see software.