



- Sound Dynamix
 - Adaptive Directional Microphones (ADM)
 - Adaptive Feedback Cancellation (AFC²)
 - Notch Filter (manual)
 - Adaptive Noise Reduction (ANR)
 - Expansion (Squelch)
 - Data Logging
 - Number of Programs: max. 4
 - Program Switch Tones (programmable)
 - WDRG-Channels: 8
- Channels: 16
 - Low Battery Indicator (programmable)
 - Options: T-Coil, Auto T-Coil, Auto Phone, VC

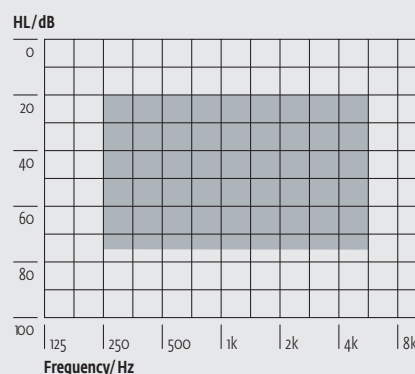
Technical Data	EN 60118-7: 2005 (2 ccm-coupler)	EN 60118-0: 1994 (Ear Simulator)	ANSI S3.22-2003 (2 ccm-coupler)
Operating Voltage	1.30 V	1.30 V	1.30 V
Acoustic Gain (50 dB SPL)			
HFA	54 dB	-	54 dB
1600 Hz	-	60 dB	-
Peak Value	62 dB	71 dB	62 dB
Max. Output (90 dB SPL)			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	121 dB SPL	130 dB SPL	121 dB SPL
Reference Test Gain	39 dB	46 dB	39 dB
Induction Coil Sensitivity	80 dB SPL	86 dB SPL	106 dB SPL
Frequency Range	200 Hz-8000 Hz	200 Hz-8000 Hz	200-8000 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<2/1/1 %	<1/1/1 %	<2/1/1 %
Equivalent Input Noise ¹	<24 dB, typ. 22 dB	<28 dB, typ. 22 dB	<24 dB, typ. 22 dB
Battery Current	<0.77, typ. 0.74 mA	<0.73, typ. 0.71 mA	<0.77, typ. 0.74 mA
Battery Type	13	13	13
Average Battery Life (Zinc-Air)	320 h	320 h	320 h

¹ Expansion (Squelch) = 30 dB SPL

PROGRAMMING

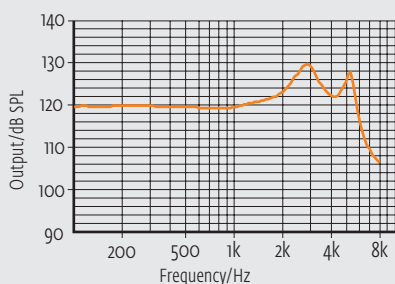
- Cable: Cable set C, D, F or G
- Battery: with Battery
- Progr.-Box: HI-PRO
- HI-PRO USB
- MicroCard
- NOAHlink
- Software: audifit 4.5.0

FITTING RANGE

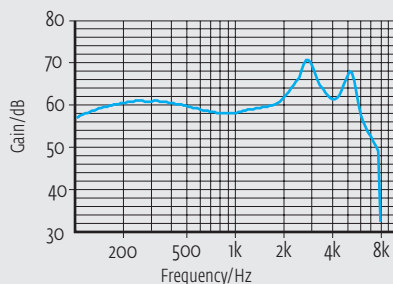


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20 μ Pa.

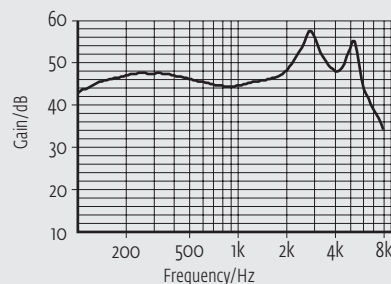
Maximum Output



Acoustic Gain

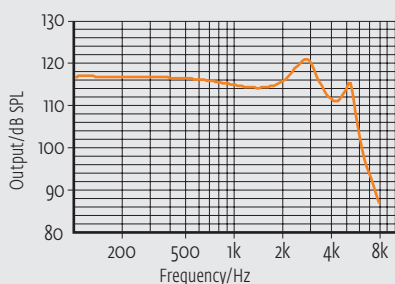


Reference Test Gain (RTG)

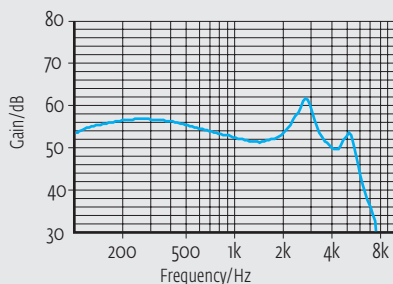


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20 μ Pa.

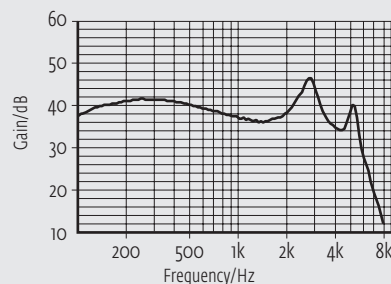
Maximum Output



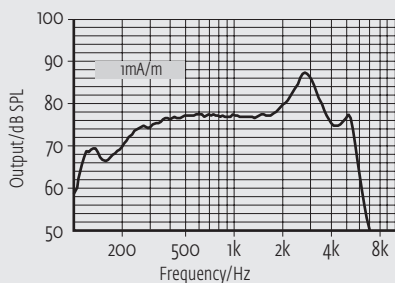
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil Sensivity



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.