



- Adaptive Feedback Cancellation (AFC²)
 - Notch Filter (manual)
 - Expansion (Squelch)
 - Number of Programs: 4
 - Program Switch Tones (programmable)
 - WDRC-Channels: 4
 - Channels: 8
 - Crossover Frequencies (adjustable)
 - Low Battery Indicator (adjustable)
 - TRT Noise Generator
- Options: T-Coil, GC Trimmer, additional On-Off-switch

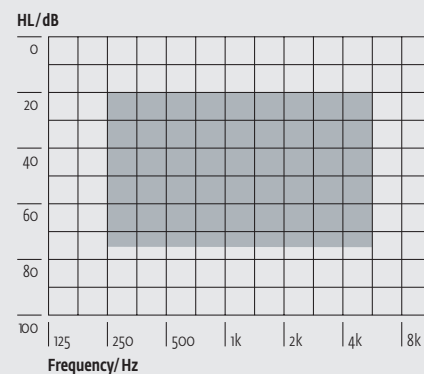
Technical Data	EN 60118-7: 2005 (2 ccm-coupler)	EN 60118-0: 1994 (Ear Simulator)	ANSI S3.22-2003 (2 ccm-coupler)
Operating Voltage	1.30 V	1.30 V	1.30 V
Acoustic Gain (50 dB SPL)			
HFA	56 dB	-	56 dB
1600 Hz	-	59 dB	-
Peak Value	62 dB	71 dB	62 dB
Output (90 dB SPL)			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	120 dB SPL	129 dB SPL	120 dB SPL
Max. Output (110 dB SPL)			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	120 dB SPL	129 dB SPL	120 dB SPL
Reference Test Gain	39 dB	46 dB	39 dB
Induction Coil Sensitivity	79 dB SPL	82 dB SPL	106 dB SPL
Frequency Range	200 Hz-6200 Hz	200 Hz-8000 Hz	200 Hz-6200 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<1/1/1 %	<1/1/1 %	<1/1/1 %
Equivalent Input Noise ¹	<11 dB, typ. 10 dB	<16 dB, typ. 15 dB	<11 dB, typ. 10 dB
Battery Current	<0.67 mA	<0.61 mA	<0.67 mA
Battery Type	13	13	13
Average Battery Life (Zinc-Air)	350 h	350 h	350 h
Tinnitusmasker			
Noise Level (RMS)	71	80	71
Frequency Range	<200 Hz-8000 Hz	<200 Hz-8000 Hz	<200 Hz-8000 Hz

¹ Expansion (Squelch) = 40 dB SPL

PROGRAMMING

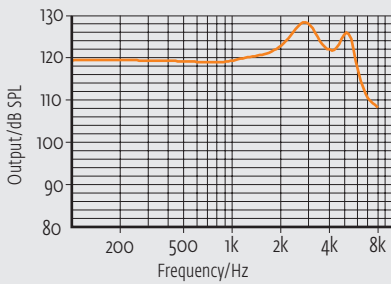
Cable: Cable set C, D, F or G
 Battery: with Battery
 Progr.-Box: HI-PRO
 HI-PRO USB
 MicroCard
 NOAHlink
 Software: audifit 4.5.0

FITTING RANGE

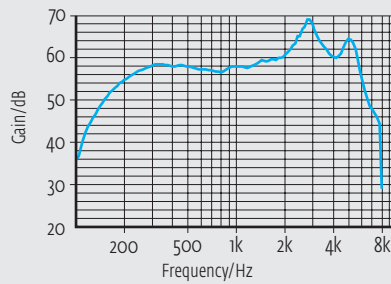


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20 μ Pa.

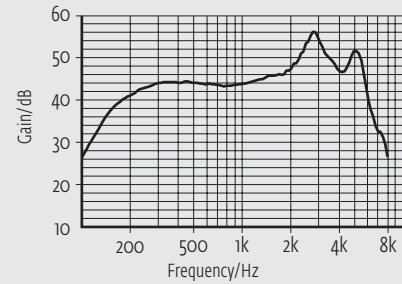
Maximum Output



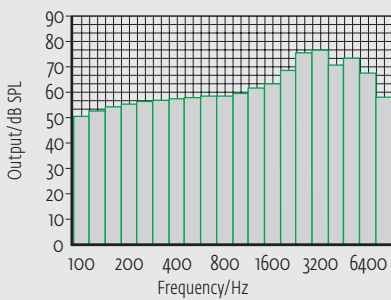
Acoustic Gain



Reference Test Gain (RTG)

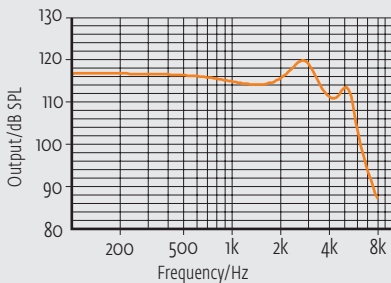


Third Octave Band Noise

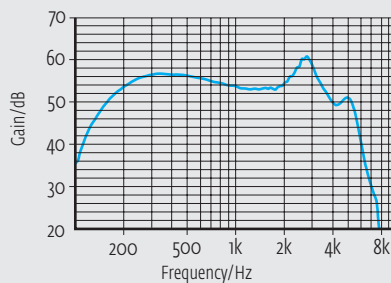


All curves are measured with **zccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20 μ Pa.

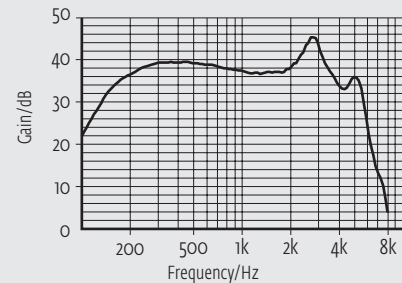
Maximum Output



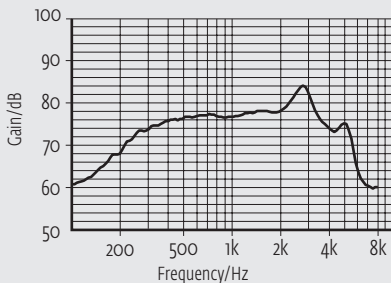
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil Sensitivity



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.