



- Sound Dynamix
- Adaptive Directional Microphone (ADM)
- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- 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)
- WDRC-Channels: 8
- Channels: 16
- Low Battery Indicator (programmable)
- Battery compartment lock
- Direct Audio Input
- TRT Noise Generator
- 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)
<b>Operating Voltage</b>	1.30 V	1.30 V	1.30 V
<b>Acoustic Gain (50 dB SPL)</b>			
HFA	52 dB	-	52 dB
1600 Hz	-	65 dB	-
Peak Value	60 dB	65 dB	60 dB
<b>Max. Output (90 dB SPL)</b>			
HFA	118 dB SPL	-	118 dB SPL
1600 Hz	-	130 dB SPL	-
Peak Value	126 dB SPL	131 dB SPL	126 dB SPL
<b>Reference Test Gain</b>	41 dB	56 dB	41 dB
<b>Induction Coil Sensitivity</b>	83 dB	95 dB	107 dB
<b>Frequency Range</b>	100 Hz-5700 Hz	300 Hz-5900 Hz	100 Hz-5700 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	<2/2/1 %	<2/2/1 %	<2/2/1 %
<b>Equivalent Input Noise <sup>1</sup></b>	<14 dB	<12 dB	<14 dB
<b>Battery Current</b>	<0.57 mA	<0.56 mA	<0.57 mA
<b>Battery Type</b>	312	312	312
<b>Average Battery Life (Zinc-Air)</b>	250 h	250 h	250 h
<b>Tinnitusmasker</b>			
Noise Level (RMS)	72	80	72
Frequency Range	400 Hz-5000 Hz	800 Hz-8000 Hz	400 Hz-5000 Hz

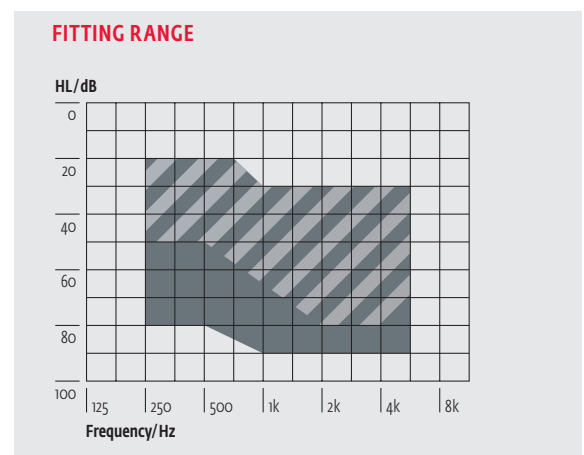
<sup>1</sup> Expansion (Squelch) = 20 dB SPL

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

Standard

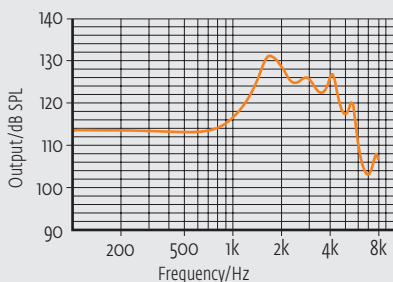
**Programming (4pin. System)**

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

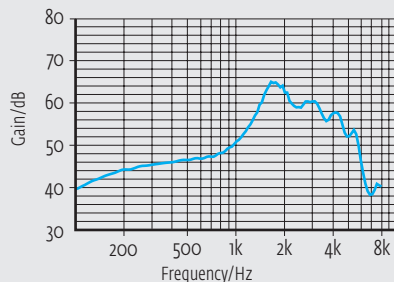


These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

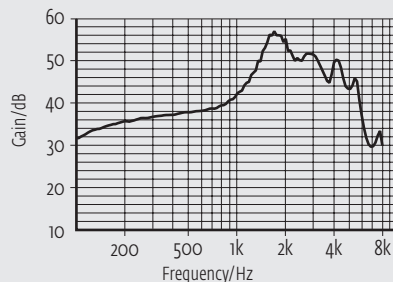
Maximum Output



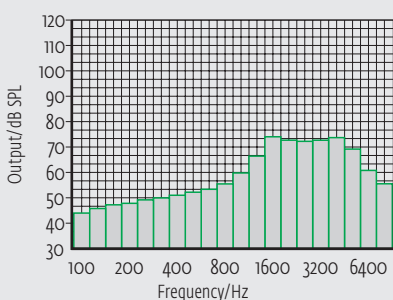
Acoustic Gain



Reference Test Gain (RTG)

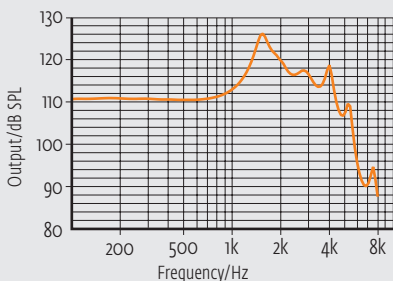


Third Octave Band Noise

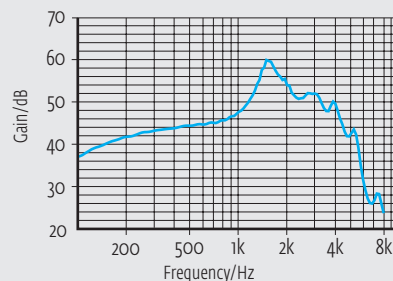


All curves are measured with **zccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20  $\mu$ Pa.

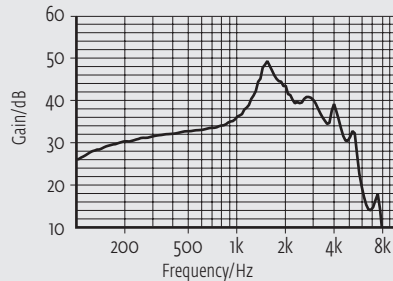
Maximum Output



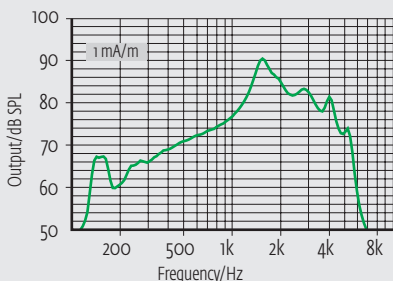
Acoustic Gain



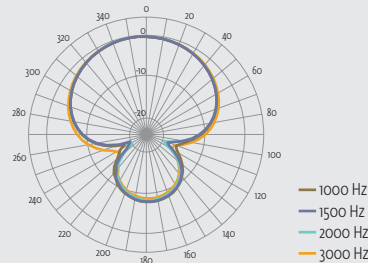
Reference Test Gain (RTG)



Induction Coil Sensitivity



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.