

- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
  - 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: GC Trimmer, additional On-Off-switch

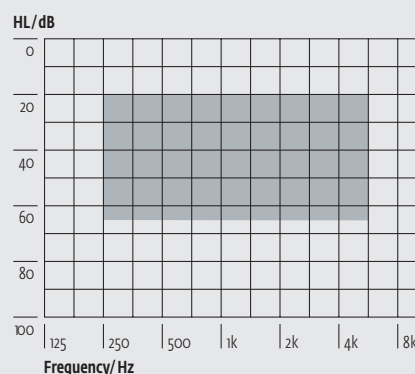
Technical Data	EN 60118-7: 2005 (2 ccm-coupler)	EN 60118-0: 1994 (Ear Simulator)	ANSI S3.22-2003 (2 ccm-coupler)
<b>Operating Voltage</b>	1.30 V	1.30 V	1.30 V
<b>Acoustic Gain (50 dB SPL)</b>			
HFA	45 dB	-	45 dB
1600 Hz	-	50 dB	-
Peak Value	51 dB	60 dB	51 dB
<b>Output (90 dB SPL)</b>			
HFA	115 dB SPL	-	115 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	118 dB SPL	127 dB SPL	118 dB SPL
<b>Max. Output (110 dB SPL)</b>			
HFA	115 dB SPL	-	115 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	118 dB SPL	127 dB SPL	118 dB SPL
<b>Reference Test Gain</b>	38 dB	43 dB	38 dB
<b>Induction Coil Sensitivity</b>	-	-	-
<b>Frequency Range</b>	200 Hz-7700 Hz	200 Hz-8000 Hz	200 Hz-7700 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	<1/1/1 %	<1/1/1 %	<1/1/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	<19 dB, typ. 16 dB	<18 dB, typ. 16 dB	<19 dB, typ. 16 dB
<b>Battery Current</b>	<0.70 mA	<0.64 mA	<0.70 mA
<b>Battery Type</b>	10	10	10
<b>Average Battery Life (Zinc-Air)</b>	120 h	120 h	120 h
<b>Tinnitusmasker</b>			
Noise Level (RMS)	70	80	70
Frequency Range	<200 Hz-8000 Hz	<200 Hz-8000 Hz	<200 Hz-8000 Hz

<sup>1</sup> Expansion (Squelch) = 40 dB SPL

## PROGRAMMING

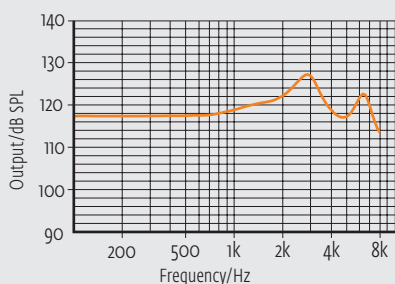
Cable: Cable set C, D, F or G  
 Battery: with Battery  
 Progr.-Box: HI-PRO  
               HI-PRO USB  
               MicroCard  
               NOAHlink  
 Software: audifit 4.5.0

## FITTING RANGE

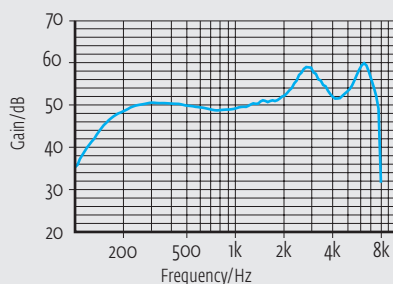


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

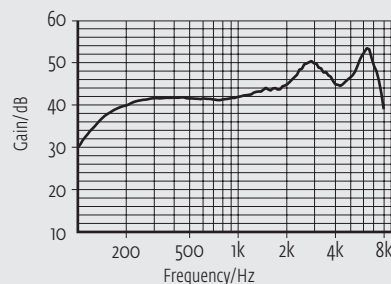
Maximum Output



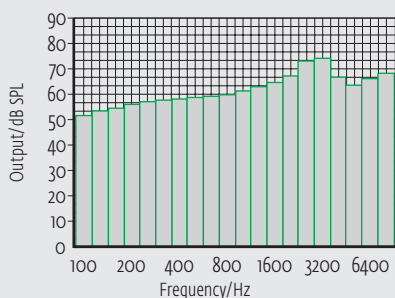
Acoustic Gain



Reference Test Gain (RTG)

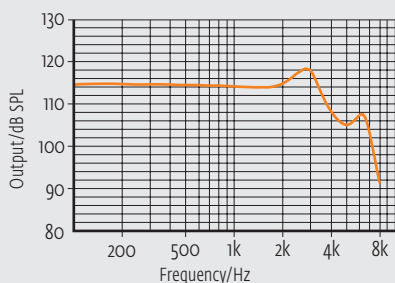


Third Octave Band Noise

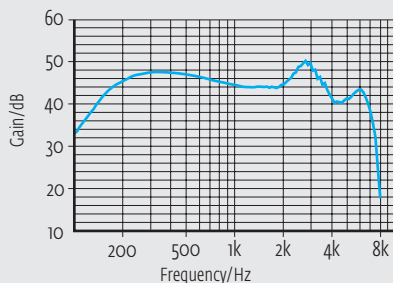


All curves are measured with **zccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20  $\mu$ Pa.

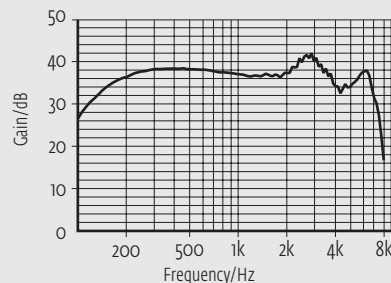
Maximum Output



Acoustic Gain



Reference Test Gain (RTG)



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.