



- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
  - Notch Filter (manual)
  - Adaptive Noise Reduction (ANR)
  - Expansion (Squelch)
  - Number of Programs: max. 3
  - Program Switch Tones (programmable)
  - WDRC-Channels: 4
  - Channels: 8
  - Low Battery Indicator (adjustable)
  - VC
  - TRT Noise Generator
- Options: Program Switch, T-Coil

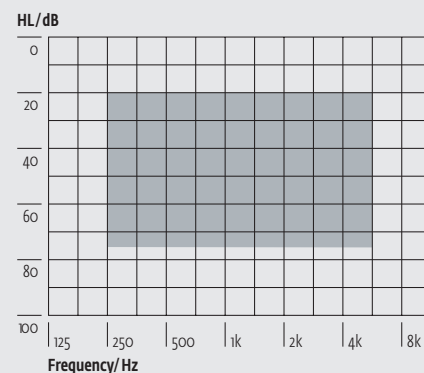
Technical Data	EN 60118-7: 2005 (2 ccm-coupler)	EN 60118-0: 1994 (Ear Simulator)	ANSI S3.22-2003 (2 ccm-coupler)
<b>Operating Voltage</b>	1.30 V	1.30 V	1.30 V
<b>Acoustic Gain (50 dB SPL)</b>			
HFA	54 dB	-	54 dB
1600 Hz	-	60 dB	-
Peak Value	61 dB	70 dB	61 dB
<b>Max. Output (90 dB SPL)</b>			
HFA	115 dB SPL	-	115 dB SPL
1600 Hz	-	120 dB SPL	-
Peak Value	121 dB SPL	129 dB SPL	121 dB SPL
<b>Reference Test Gain</b>	39 dB	45 dB	39 dB
<b>Induction Coil Sensitivity</b>	82 dB SPL	86 dB SPL	107 dB SPL
<b>Frequency Range</b>	100 Hz-6300 Hz	100 Hz-7400 Hz	100 Hz-6300 Hz
<b>Total Harmonic Distortions</b>			
<b>500/800/1600 Hz</b>	<1/1/1 %	<1/1/1 %	<1/1/1 %
<b>Equivalent Input Noise <sup>1</sup></b>	26 dB	29 dB	26 dB
<b>Battery Current</b>	0.68 mA	0.63 mA	0.68 mA
<b>Battery Type</b>	13	13	13
<b>Average Battery Life (Zinc-Air)</b>	340 h	340 h	340 h
<b>Tinnitusmasker</b>			
Noise Level (RMS)	110	119	110
Frequency Range	100 Hz-8000 Hz	100 Hz-8000 Hz	100 Hz-8000 Hz

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

## PROGRAMMING

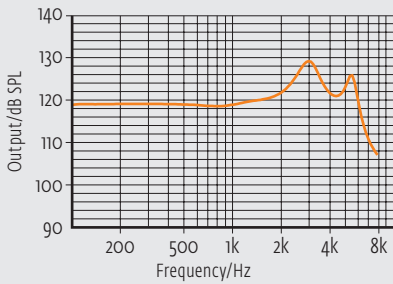
Cable: Cable set C, D, F or G  
 Battery: with Battery  
 Progr.-Box: HI-PRO  
               HI-PRO USB  
               MicroCard  
               NOAHlink  
 Software: audifit 4.7.0

## FITTING RANGE

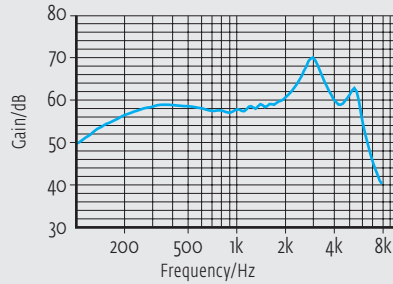


These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

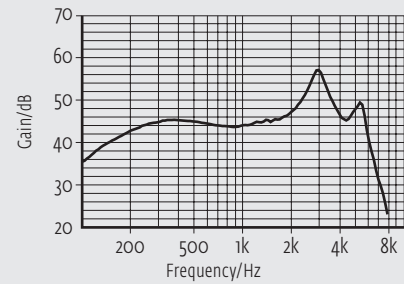
Maximum Output



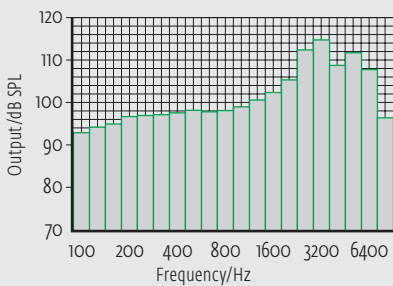
Acoustic Gain



Reference Test Gain (RTG)

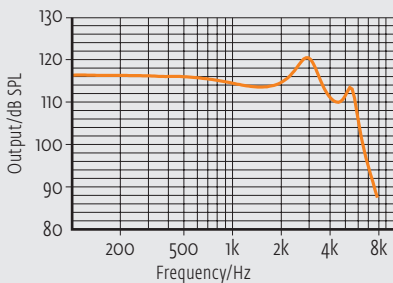


Third Octave Band Noise

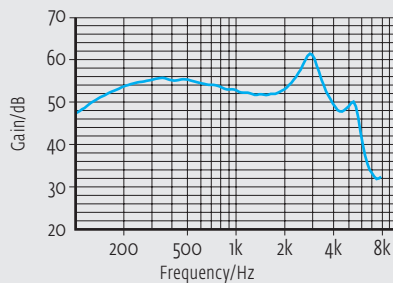


All curves are measured with **zccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20  $\mu$ Pa.

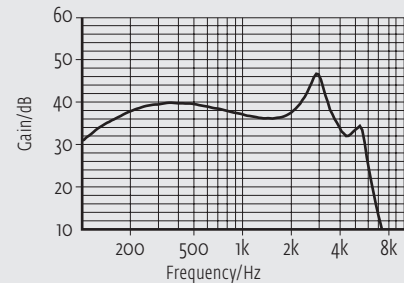
Maximum Output



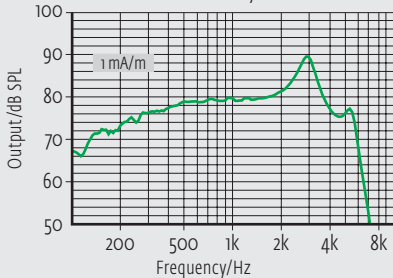
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil Sensitivity



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.