



- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
  - Notch Filter (manual)
  - Expansion (Squelch)
  - T-Coil
  - Number of Programs: 2
  - Program Switch Tones (programmable)
  - WDRC-Channels: 4
  - Channels: 8
  - Crossover Frequency (adjustable)
  - Low Battery Indicator (adjustable)
  - TRT Noise Generator
- Accessories: VC Cover, Audio Adapter

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	60 dB	-	60 dB
1600 Hz	-	67 dB	-
Peak Value	66 dB	73 dB	66 dB
<b>Output (90 dB SPL)</b>			
HFA	126 dB SPL	-	126 dB SPL
1600 Hz	-	135 dB SPL	-
Peak Value	133 dB SPL	137 dB SPL	133 dB SPL
<b>Max. Output (110 dB SPL)</b>			
HFA	126 dB SPL	-	126 dB SPL
1600 Hz	-	135 dB SPL	-
Peak Value	133 dB SPL	137 dB SPL	133 dB SPL
<b>Reference Test Gain</b>	49 dB	59 dB	49 dB
<b>Induction Coil Sensitivity</b>	89 dB SPL	100 dB SPL	119 dB SPL
<b>Frequency Range</b>	200 Hz-5200 Hz	200 Hz-5600 Hz	200-5200 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	<2/2/1 %	<1/2/1 %	<2/2/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	<13 dB, typ. 13 dB	<13 dB, typ. 12 dB	<13 dB, typ. 13 dB
<b>Battery Current</b>	<0.79 mA	<0.73 mA	<0.79 mA
<b>Battery Type</b>	13	13	13
<b>Average Battery Life (Zinc-Air)</b>	350 h	350 h	350 h
<b>Tinnitusmasker</b>			
Noise Level (RMS)	73	80	73
Frequency Range	< 200-6400	< 200-8000	< 200-6400

<sup>1</sup> Expansion (Squelch) = 24 dB SPL

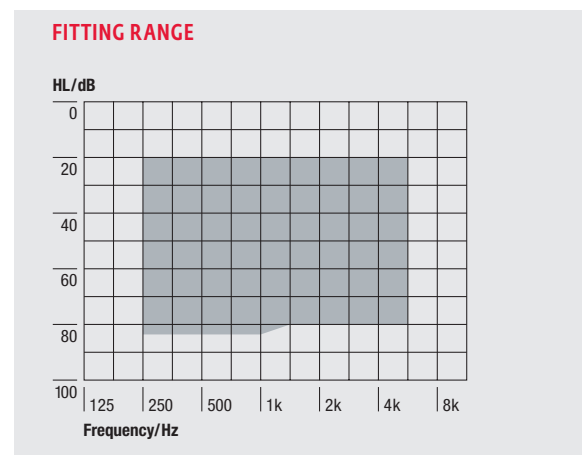
**1 Volume Control**  
**2 Cover flap**  
**3 switch**  
**4 Battery Compartment**

1 - P1 (Programm 1)  
 2 - P2 (Programm 2)  
 0 - Off

**Note: The programming socket is under the cover flap (2).**

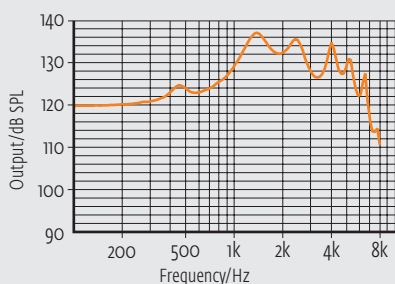
**Standard**

**Programming (4pin. System)**  
 Cable: Cable set B or E  
 Battery: without Battery  
 Progr.-Box: HI-PRO  
               HI-PRO USB  
               MicroCard  
               NOAHlink  
 Software: audifit 4,5.0

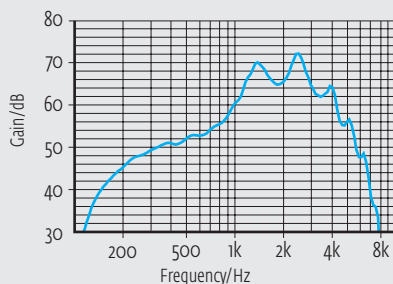


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20  $\mu$ Pa.

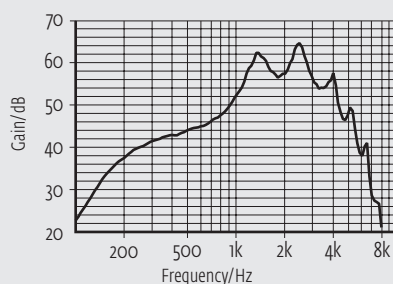
Maximum Output



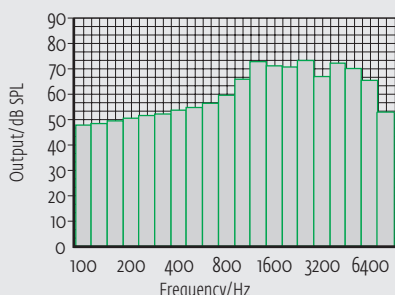
Acoustic Gain



Reference Test Gain (RTG)

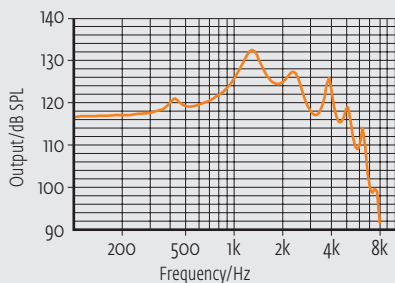


Third Octave Band Noise

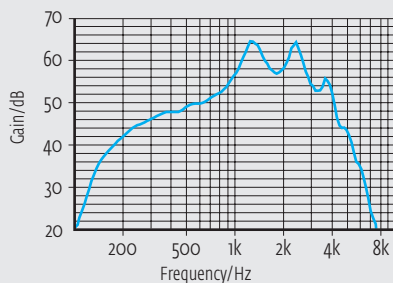


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20  $\mu$ Pa.

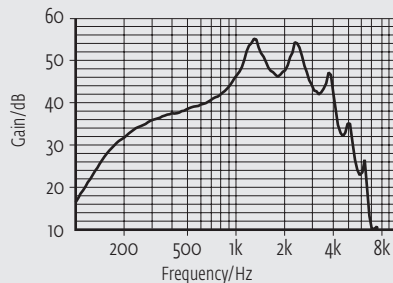
Maximum Output



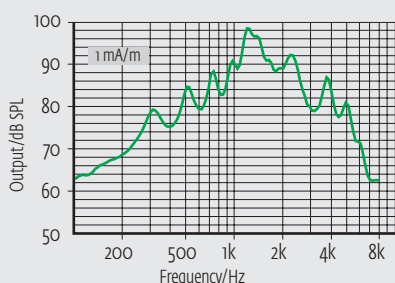
Acoustic Gain



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.