



- 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

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	69 dB	-	69 dB
1600 Hz	-	72 dB	-
Peak Value	78 dB	82 dB	78 dB
<b>Output (90 dB SPL)</b>			
HFA	130 dB SPL	-	130 dB SPL
1600 Hz	-	133 dB SPL	-
Peak Value	136 dB SPL	140 dB SPL	136 dB SPL
<b>Max. Output (110 dB SPL)</b>			
HFA	130 dB SPL	-	130 dB SPL
1600 Hz	-	133 dB SPL	-
Peak Value	136 dB SPL	140 dB SPL	136 dB SPL
<b>Reference Test Gain</b>	52 dB	57 dB	52 dB
<b>Induction Coil Sensitivity</b>	103 dB SPL	107 dB SPL	131 dB SPL
<b>Frequency Range</b>	200 Hz-5400 Hz	200 Hz-5800 Hz	200 Hz-5400 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	<2/1/1 %	<1/1/1 %	<2/1/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	<10 dB, typ. 9 dB	<15 dB, typ. 14 dB	<10 dB, typ. 9 dB
<b>Battery Current</b>	<1.12 mA	<0.97 mA	<1.12 mA
<b>Battery Type</b>	675	675	675
<b>Average Battery Life (Zinc-Air)</b>	530 h	530 h	530 h
<b>Tinnitusmasker</b>			
Noise Level (RMS)	74	80	74
Frequency Range	< 200-5000	< 200-8000	< 200-5000

<sup>1</sup> Expansion (Squelch) = 38 dB SPL

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

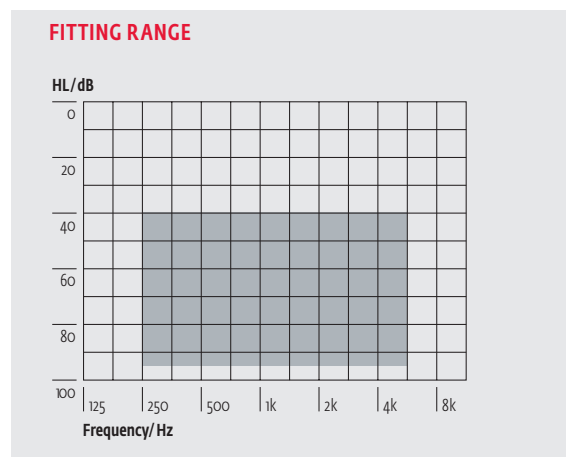
1 - P1 (Programm 1)  
 2 - P2 (Programm 2)  
 0 - Off

**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

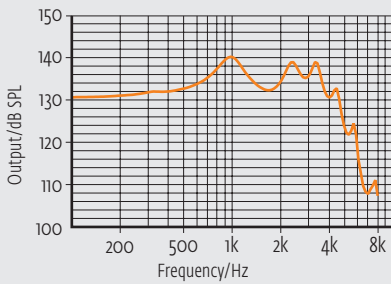


**⚠ Caution: This medical device may exceed an output sound pressure level of 135 dB. To avoid possible damages, special care should be exercised.**

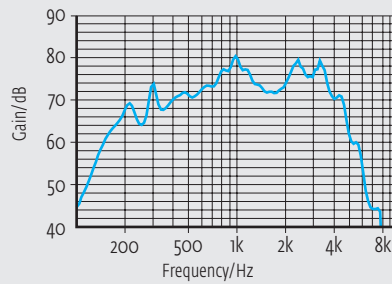


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20  $\mu\text{Pa}$ .

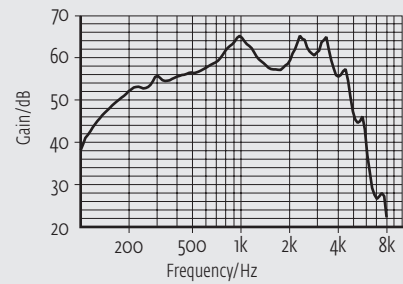
Maximum Output



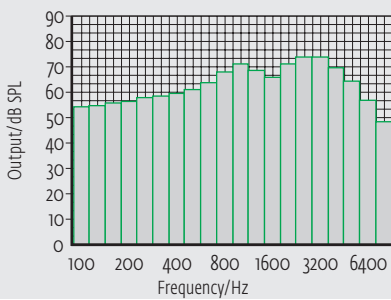
Acoustic Gain



Reference Test Gain (RTG)

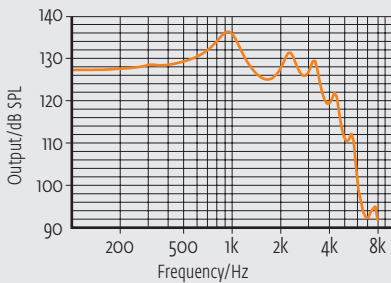


Third Octave Band Noise

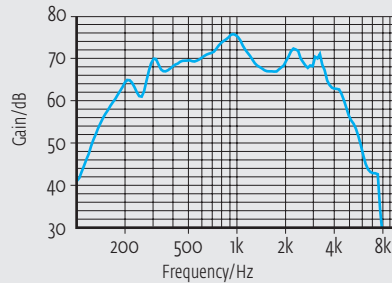


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20  $\mu\text{Pa}$ .

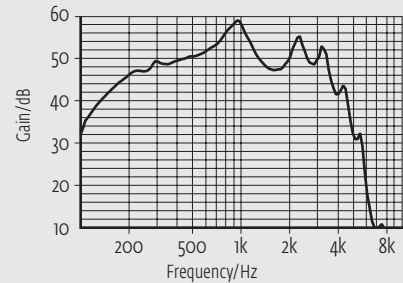
Maximum Output



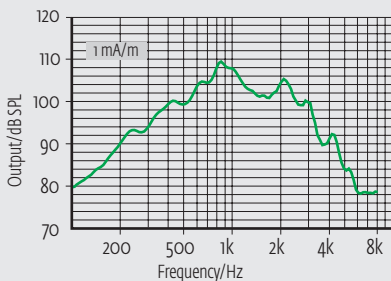
Acoustic Gain



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.