



- Directional Microphone
- Adaptive Feedback Cancellation (AFC)
- Notch Filter (manual)
- Adaptive Noise Reduction (ANR)
- Expansion (Squelch)
- T-Coil (programmable on/off)
- Number of Programs: 2
- Program Switch Tones (programmable)
- Crossfader
- WDRG-Channels: 4
- Channels: 6
- Crossover Frequencies (adjustable)
- Low Battery Indicator (adjustable)
- Gain control (programmable)
- VC (programmable)
- AGCi and AGCo
- Accessories: Spectacle Adapter, VC Cover, Various Damping Earhooks, Audio Adapter (avacio S+ only)
- Option: Direct Audio Input (avacio S+ only)

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	-	62 dB	-
Peak Value	56 dB	65 dB	56 dB
<b>Output (90 dB SPL)</b>			
HFA	115 dB SPL	-	115 dB SPL
1600 Hz	-	126 dB SPL	-
Peak Value	120 dB SPL	126 dB SPL	120 dB SPL
<b>Max. Output (110 dB SPL)</b>			
HFA	118 dB SPL	-	118 dB SPL
1600 Hz	-	128 dB SPL	-
Peak Value	123 dB SPL	130 dB SPL	123 dB SPL
<b>Reference Test Gain</b>	38 dB	50 dB	38 dB
<b>Induction Coil Sensitivity</b>	101 dB SPL <sup>3</sup>	113 dB SPL <sup>3</sup>	97 dB SPL
<b>Frequency Range</b>	100 Hz-6000 Hz	100 Hz-6200 Hz	100-6000 Hz
<b>Total Harmonic Distortions 500/800/1600 Hz</b>	<2/2/1 %	<2/2/1 %	<2/2/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	<20 dB, typ. 15 dB	<20 dB, typ. 15 dB	<20 dB, typ. 15 dB
<b>Battery Current<sup>2</sup></b>	<1.15 mA (1.35 mA)	<1.15 mA (1.35 mA)	<1.15 mA (1.35 mA)
<b>Battery Type</b>	13/312 <sup>4</sup>	13/312 <sup>4</sup>	13/312 <sup>4</sup>
<b>Average Battery Life (Zinc-Air)</b>	200/100 h <sup>4</sup>	200/100 h <sup>4</sup>	200/100 h <sup>4</sup>

<sup>1</sup> Expansion = 40 dB <sup>2</sup> AFC off (on) <sup>3</sup> measured at 31.6 mA/m <sup>4</sup> avacio S

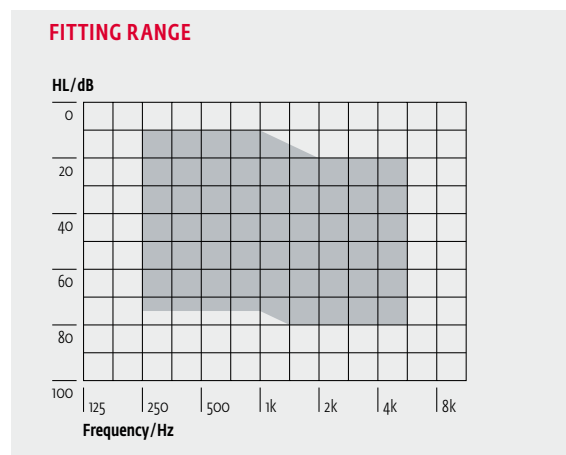
**1 Volume Control**  
**2 Cover flap**  
**3 switch**  
**4 Battery Compartment**

1 - P1 (Program 1)  
2 - P2 (Program 2)  
O - Off

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

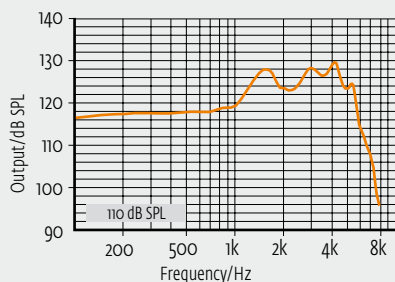
**Standard**

**Programming (4pin. System)**  
Cable: Cable set B or E  
Battery: without Battery  
Progr.-Box: HI-PRO  
HI-PRO USB  
MicroCard  
NOAHlink  
Software: audifit 4.2.0

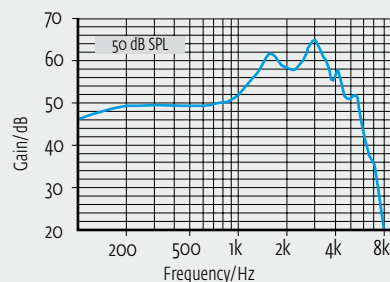


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20  $\mu$ Pa.

Maximum Output

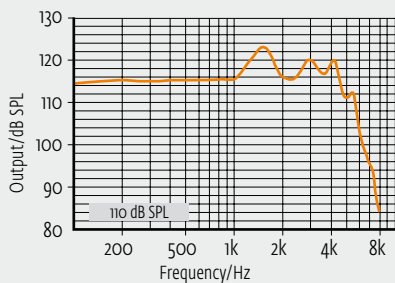


Acoustic Gain

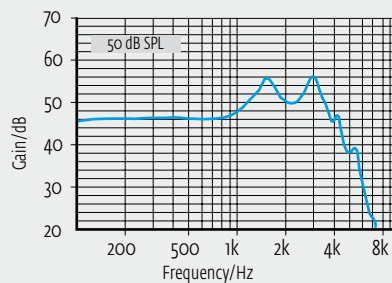


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20  $\mu$ Pa.

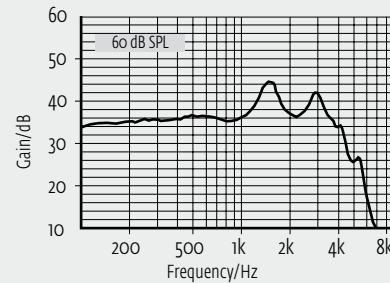
Maximum Output



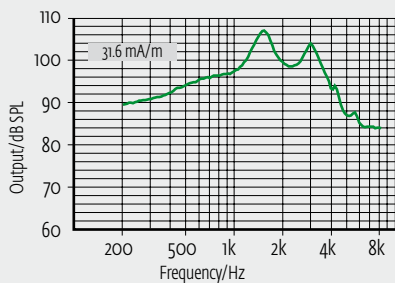
Acoustic Gain



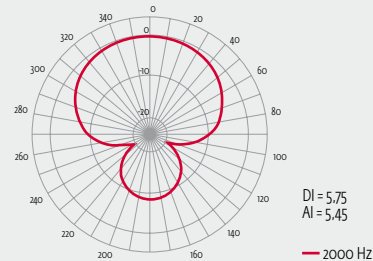
Reference Test Gain (RTG)



Induction Coil Sensitivity



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.