



- 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: VC Cover, Various Damping Earhooks, Audio Adapter
- Option: Direct Audio Input

Technical Data	EN 60118-7: 2005 (2 ccm-coupler)	EN 60118-0: 1994 (Ear Simulator)	ANSI S3.22-2003 (2 ccm-coupler)
Operating Voltage	1.30 V	1.30 V	1.30 V
Acoustic Gain (50 dB SPL)			
HFA	53 dB	-	53 dB
1600 Hz	-	66 dB	-
Peak Value	63 dB	69 dB	63 dB
Output (90 dB SPL)			
HFA	122 dB SPL	-	122 dB SPL
1600 Hz	-	132 dB SPL	-
Peak Value	129 dB SPL	135 dB SPL	129 dB SPL
Max. Output (110 dB SPL)			
HFA	127 dB SPL	-	127 dB SPL
1600 Hz	-	136 dB SPL	-
Peak Value	133 dB SPL	138 dB SPL	133 dB SPL
Reference Test Gain	45 dB	55 dB	45 dB
Induction Coil Sensitivity	106 dB SPL ³	116 dB SPL ³	104 dB SPL
Frequency Range	200 Hz-5000 Hz	200 Hz-5500 Hz	200-5000 Hz
Total Harmonic Distortions 500/800/1600 Hz	<3/2/1 %	<3/2/1 %	<3/2/1 %
Equivalent Input Noise ¹	<25 dB, typ. 20 dB	<25 dB, typ. 20 dB	<25 dB, typ. 20 dB
Battery Current ²	<1.25 mA (1,45 mA)	<1.25 mA (1,45 mA)	<1.25 mA (1,45 mA)
Battery Type	13	13	13
Average Battery Life (Zinc-Air)	190 h	190 h	190 h

¹ Expansion = 40 dB ² AFC off (on) ³ measured at 100 mA/m

1 Volume Control
2 Cover flap
3 switch
4 Battery Compartment

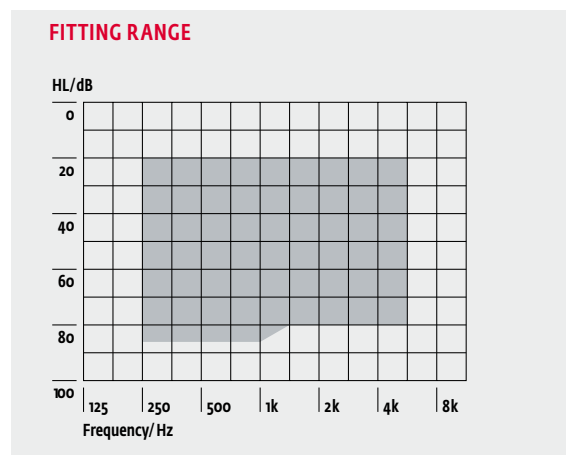
1 - P1 (Program 1)
 2 - P2 (Program 2)
 0 - Off

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

Standard

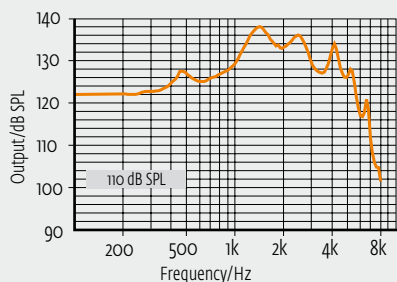
Programming (4pin. System)

Cable: Cable set B or E
 Battery: without Battery
 Progr.-Box: HI-PRO
 HI-PRO USB
 MicroCard
 NOAHlink
 Software: audifit 4.2.0

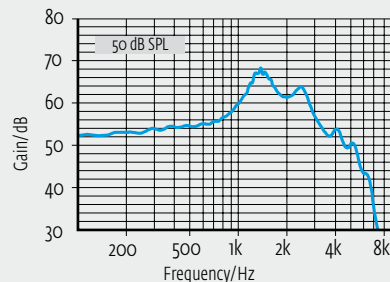


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20 μ Pa.

Maximum Output

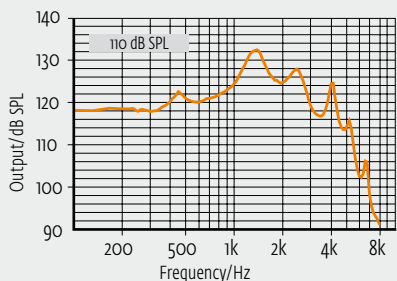


Acoustic Gain

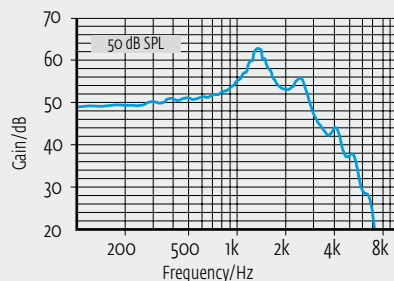


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20 μ Pa.

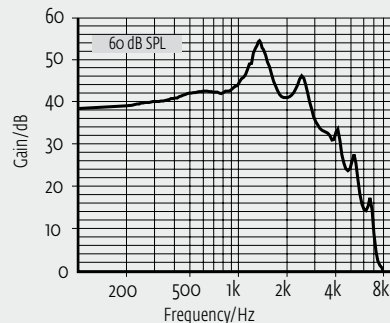
Maximum Output



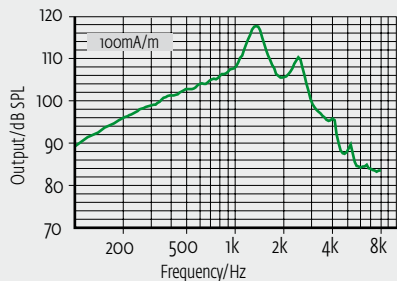
Acoustic Gain



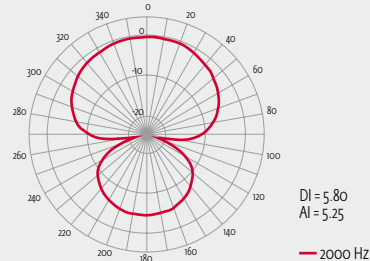
Reference Test Gain (RTG)



Induction Coil Sensivity



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.