



- Adaptive Feedback Cancellation (AFC²)
- 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)

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

¹ Expansion (Squelch) = 40 dB SPL

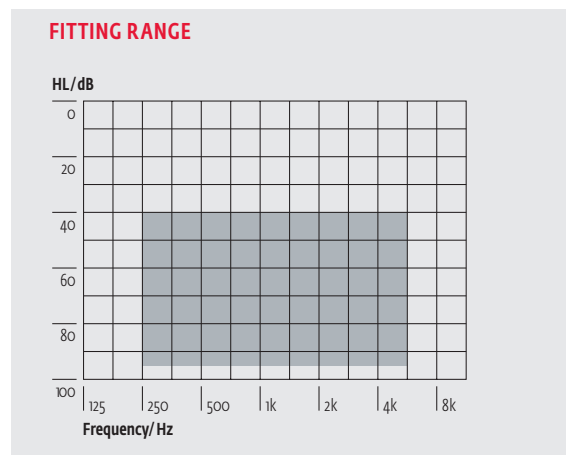
1 Volume Control
2 Cover flap
3 switch
4 Battery Compartment

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

Standard

Programming (4pin. System)
Cable: Cable set B or E
Battery: without Battery
Progr.-Box: HI-PRO
HI-PRO USB
MicroCard
NOAHlink
Software: audifit 4.4.0

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

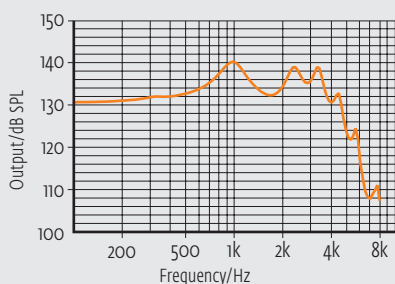


⚠ Caution: This medical device may exceed an output sound pressure level of 135 dB. To avoid possible damages, special care should be exercised.

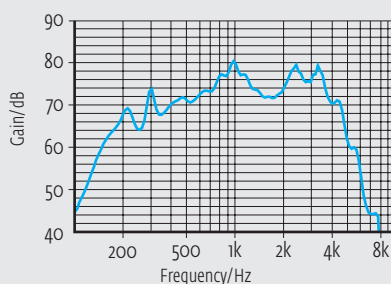


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20 μ Pa.

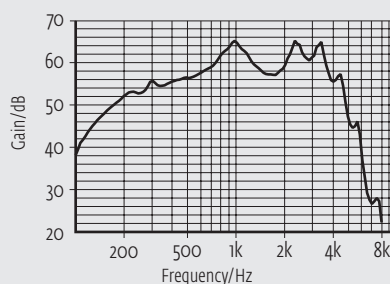
Maximum Output



Acoustic Gain

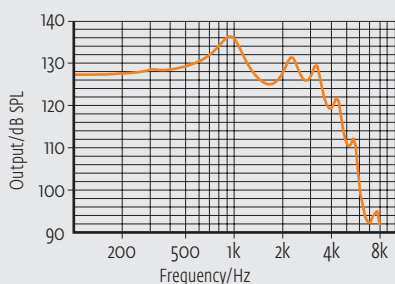


Reference Test Gain (RTG)

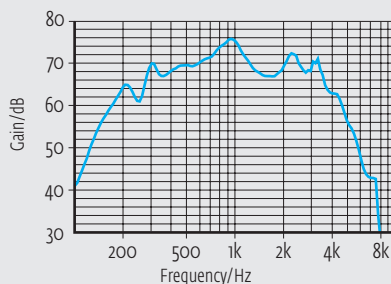


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20 μ Pa.

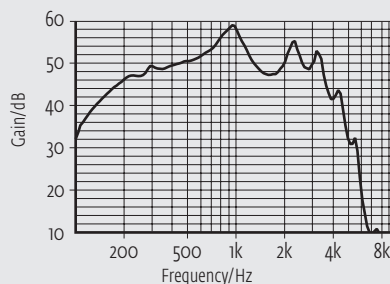
Maximum Output



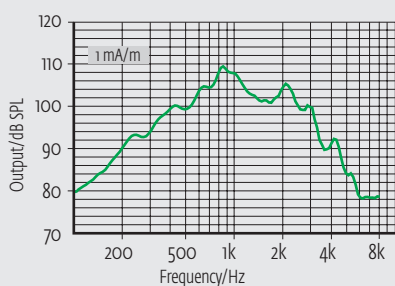
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil 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.