

- Adaptive Feedback Cancellation (AFC²)
- Expansion (Squelch)
- WDRG-Channels: 2
- Low Battery Indicator
- Option: T-Coil, GC Trimmer

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	51 dB	-	51 dB
1600 Hz	-	56 dB	-
Peak Value	57 dB	63 dB	57 dB
Output (90 dB SPL)			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	119 dB SPL	127 dB SPL	119 dB SPL
Max. Output (110 dB SPL)			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	120 dB SPL	-
Peak Value	119 dB SPL	127 dB SPL	119 dB SPL
Reference Test Gain	39 dB	46 dB	39 dB
Induction Coil Sensitivity	80 dB SPL	87 dB SPL	106 dB SPL
Frequency Range	200 Hz-5600 Hz	200 Hz-6700 Hz	200 Hz-5600 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<1/1/1 %	<1/1/1 %	<1/1/1 %
Equivalent Input Noise¹	<16 dB, typ. 14 dB	<20 dB, typ. 19 dB	<16 dB, typ. 14 dB
Battery Current	<0.69 mA	<0.66 mA	<0.69 mA
Battery Type	312	312	312
Average Battery Life (Zinc-Air)	220 h	230 h	220 h

¹ Expansion (Squelch) = 40 dB SPL

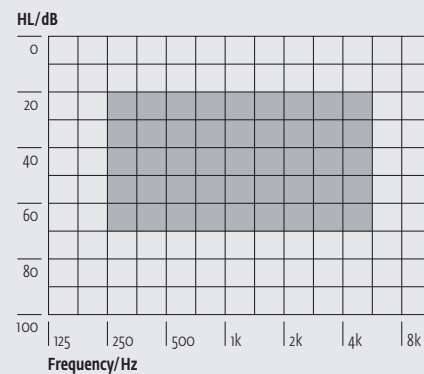
TRIMMERS



Software:

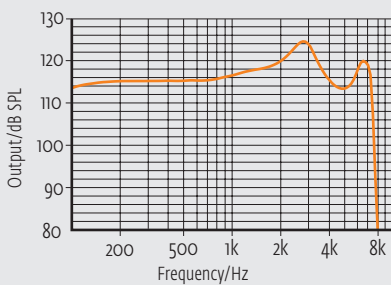
audifit 4.4.0 (not connectable but settings recommendations available)

FITTING RANGE

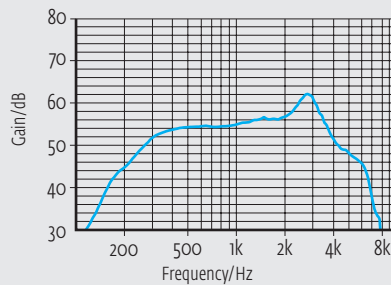


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20 μ Pa.

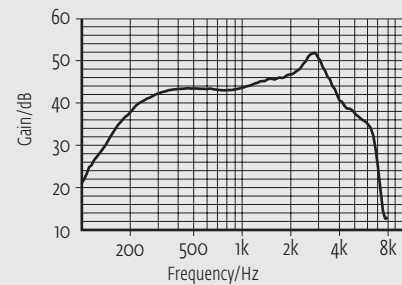
Maximum Output



Acoustic Gain

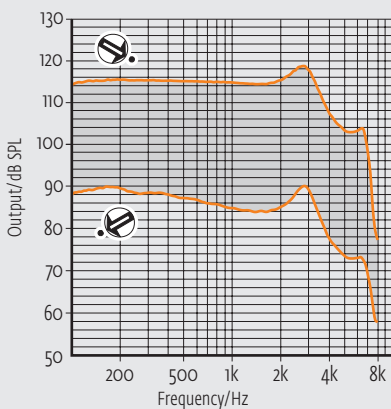


Reference Test Gain (RTG)

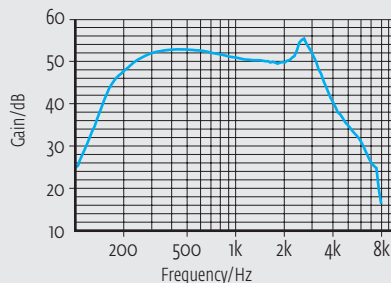


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20 μ Pa.

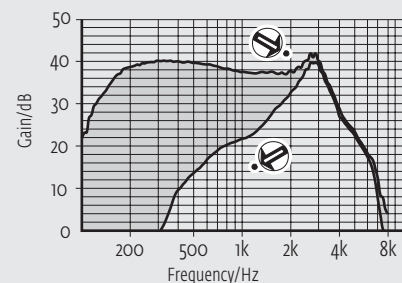
Maximum Output + AGCo



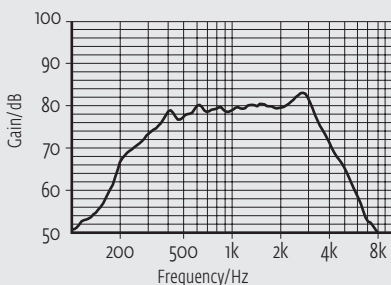
Acoustic Gain



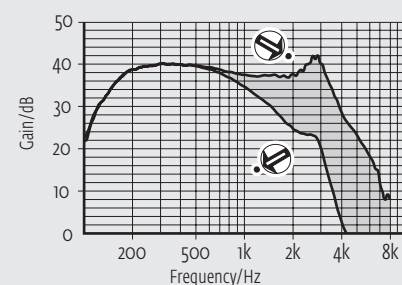
Reference Test Gain (RTG) + Low Cut



Induction Coil Sensitivity



Reference Test Gain (RTG) + High Cut



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.