



- Adaptive Feedback Cancellation (AFC²)
- Expansion (Squelch)
- WDRG-Channels: 2
- Low Battery Indicator
- Option: 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	45 dB	-	45 dB
1600 Hz	-	51 dB	-
Peak Value	51 dB	60 dB	51 dB
Output (90 dB SPL)			
HFA	115 dB SPL	-	115 dB SPL
1600 Hz	-	120 dB SPL	-
Peak Value	118 dB SPL	127 dB SPL	118 dB SPL
Max. Output (110 dB SPL)			
HFA	115 dB SPL	-	115 dB SPL
1600 Hz	-	120 dB SPL	-
Peak Value	118 dB SPL	127 dB SPL	118 dB SPL
Reference Test Gain	38 dB	42 dB	38 dB
Induction Coil Sensitivity	-	-	-
Frequency Range	200 Hz-6500 Hz	200 Hz-6500 Hz	200 Hz-6500 Hz
Total Harmonic Distortions 500/800/1600 Hz	<1/1/1 %	<1/1/1 %	<1/1/1 %
Equivalent Input Noise ¹	<13 dB, typ. 12 dB	<22 dB, typ. 18 dB	<13 dB, typ. 12 dB
Battery Current	<0.70 mA	<0.64 mA	<0.70 mA
Battery Type	10	10	10
Average Battery Life (Zinc-Air)	120 h	120 h	120 h

¹ Expansion (Squelch) = 40 dB SPL

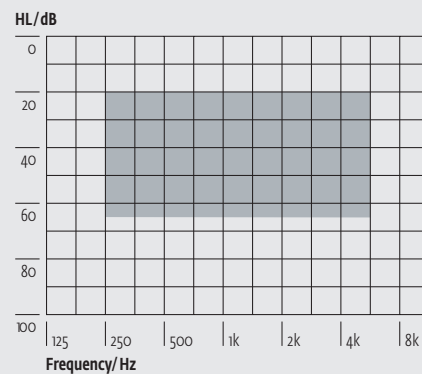
TRIMMERS



Software:

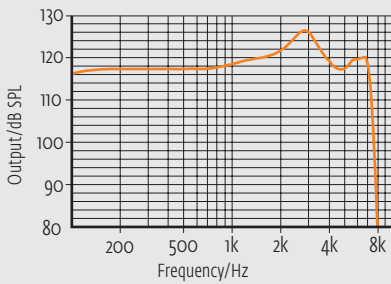
audifit 4.4.0 (not connectable but settings recommendations available)

FITTING RANGE

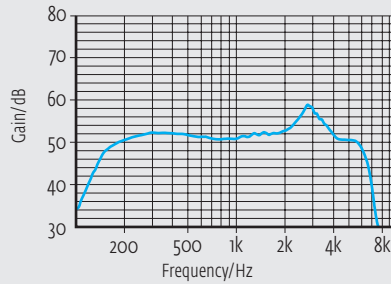


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20 μ Pa.

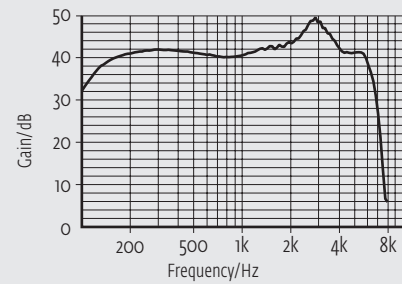
Maximum Output



Acoustic Gain

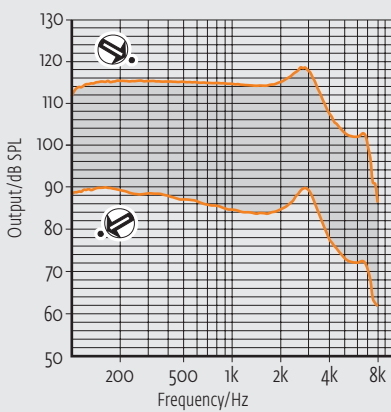


Reference Test Gain (RTG)

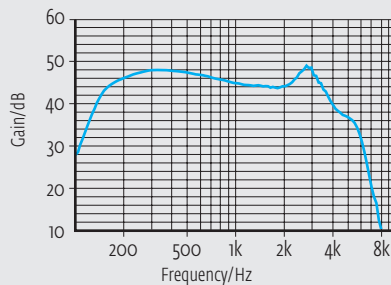


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20 μ Pa.

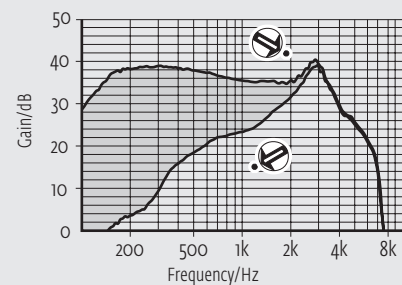
Maximum Output + AGCo



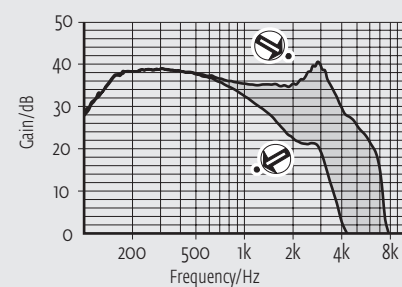
Acoustic Gain



Reference Test Gain (RTG) + Low Cut



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.