

- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- 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)
<b>Operating Voltage</b>	1,30 V	1,30 V	1,30 V
<b>Acoustic Gain (50 dB SPL)</b>			
HFA	58 dB	-	58 dB
1600 Hz	-	62 dB	-
Peak Value	62 dB	72 dB	62 dB
<b>Output (90 dB SPL)</b>			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	120 dB SPL	129 dB SPL	120 dB SPL
<b>Max. Output (110 dB SPL)</b>			
HFA	116 dB SPL	-	116 dB SPL
1600 Hz	-	121 dB SPL	-
Peak Value	120 dB SPL	129 dB SPL	120 dB SPL
<b>Reference Test Gain</b>	40 dB	45 dB	40 dB
<b>Induction Coil Sensitivity</b>	81 dB SPL	84 dB SPL	106 dB SPL
<b>Frequency Range</b>	200 Hz-5800 Hz	200 Hz-6200 Hz	200 Hz-5800 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	<1/1/1 %	<1/1/1 %	<1/1/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	<11 dB, typ. 9 dB	<18 dB, typ. 16 dB	<11 dB, typ. 9 dB
<b>Battery Current</b>	<0,66 mA	<0,60 mA	<0,66 mA
<b>Battery Type</b>	13	13	13
<b>Average Battery Life (Zinc-Air)</b>	390 h	390 h	390 h

<sup>1</sup> Expansion (Squelch) = 40 dB SPL

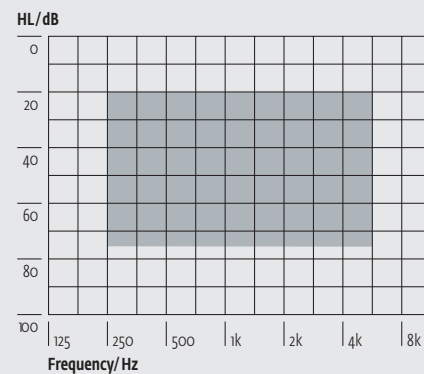
**TRIMMERS**



**Software:**

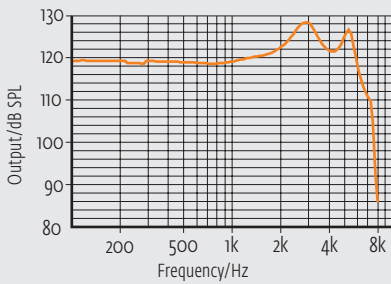
audifit 4.4.0 (not connectable but settings recommendations available)

**FITTING RANGE**

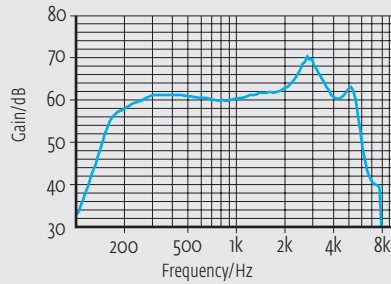


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

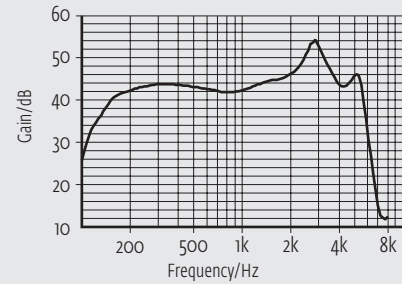
Maximum Output



Acoustic Gain

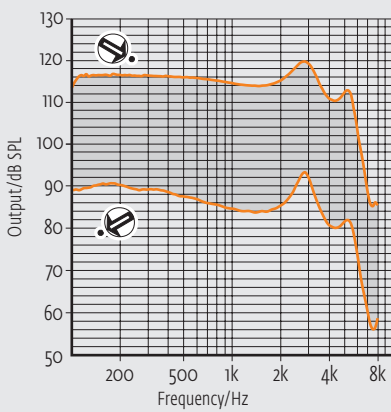


Reference Test Gain (RTG)

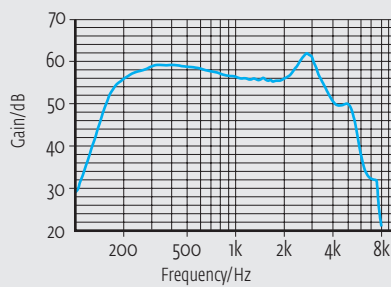


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20  $\mu$ Pa.

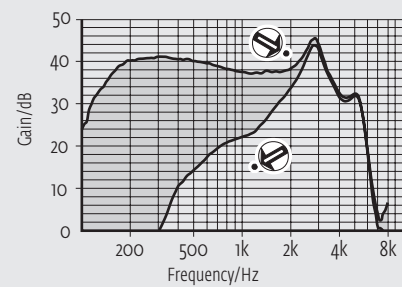
Maximum Output + AGCo



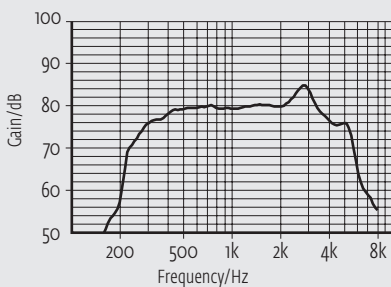
Acoustic Gain



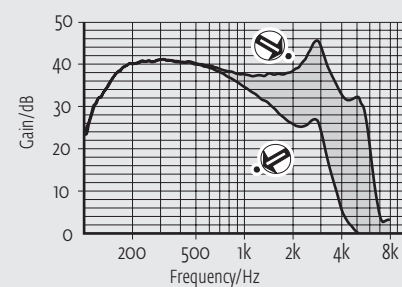
Reference Test Gain (RTG) + Low Cut



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.