



- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- Expansion (Squelch)
- T-Coil
- WDRG-Channels: 2
- Low Battery Indicator
- Accessories: VC Cover, Audio Adapter

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	60 dB	-	60 dB
1600 Hz	-	67 dB	-
Peak Value	66 dB	71 dB	66 dB
<b>Output (90 dB SPL)</b>			
HFA	126 dB SPL	-	126 dB SPL
1600 Hz	-	135 dB SPL	-
Peak Value	133 dB SPL	137 dB SPL	133 dB SPL
<b>Max. Output (110 dB SPL)</b>			
HFA	126 dB SPL	-	126 dB SPL
1600 Hz	-	135 dB SPL	-
Peak Value	132 dB SPL	137 dB SPL	132 dB SPL
<b>Reference Test Gain</b>	49 dB	57 dB	49 dB
<b>Induction Coil Sensitivity</b>	92 dB SPL	103 dB SPL	117 dB SPL
<b>Frequency Range</b>	200 Hz-5200 Hz	200 Hz-5400 Hz	200-5200 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	<1/1/1 %	<2/1/1 %	<1/1/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	<11 dB, typ. 10 dB	<14 dB, typ. 13 dB	<11 dB, typ. 10 dB
<b>Battery Current</b>	<0.75 mA	<0.73 mA	<0.75 mA
<b>Battery Type</b>	13	13	13
<b>Average Battery Life (Zinc-Air)</b>	370 h	370 h	370 h

<sup>1</sup> Expansion (Squelch) = 34 dB SPL

1 Volume Control  
2 Cover flap  
3 switch  
4 Battery Compartment

M – Microphone  
T – T-Coil  
O – Off

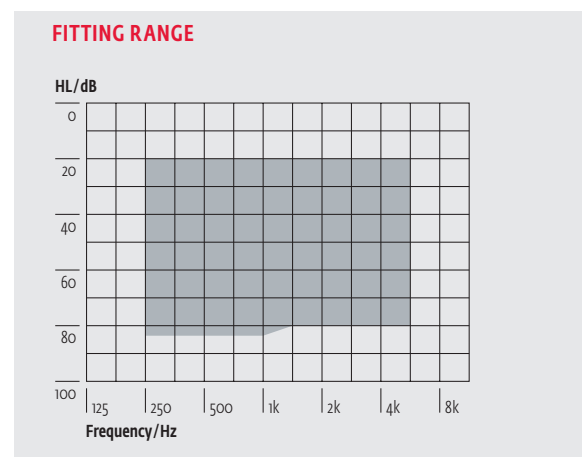
**Note:**  
The trimmers are located behind the cover flap

-30 0

-20 0

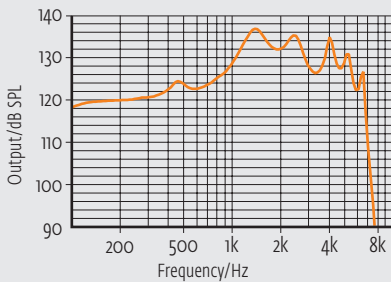
-30 0

**Software:**  
audifit 4.4.0 (not connectable but settings recommendations available)

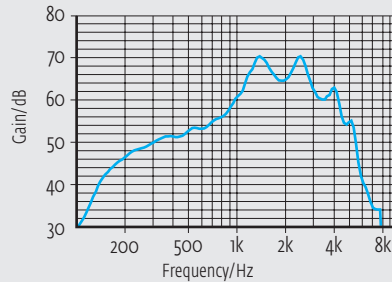


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20  $\mu$ Pa.

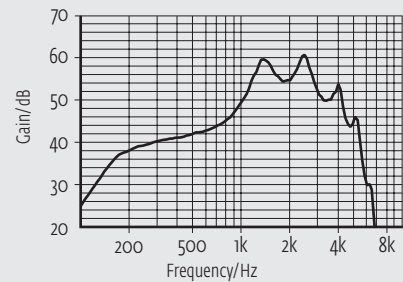
Maximum Output



Acoustic Gain

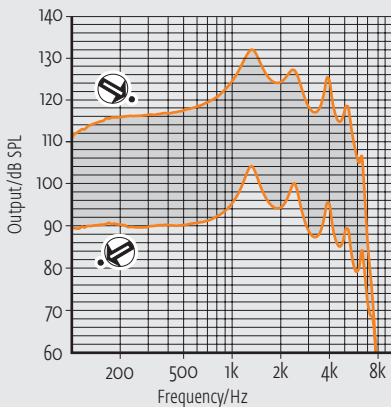


Reference Test Gain (RTG)

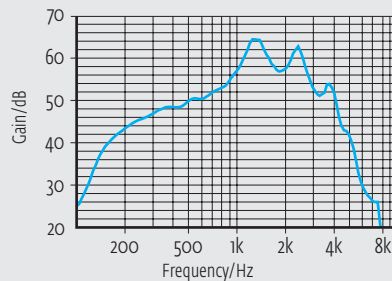


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20  $\mu$ Pa.

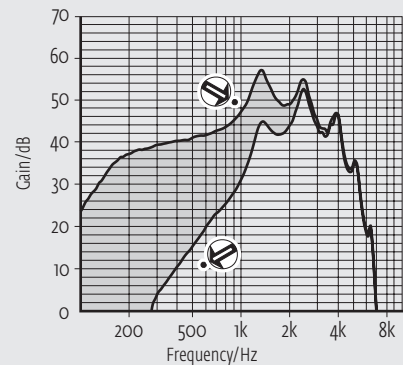
Maximum Output + AGCo



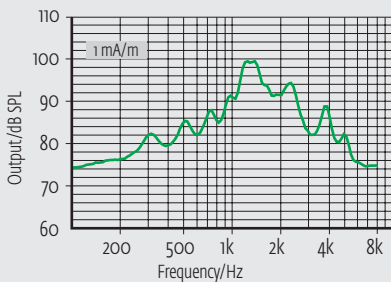
Acoustic Gain



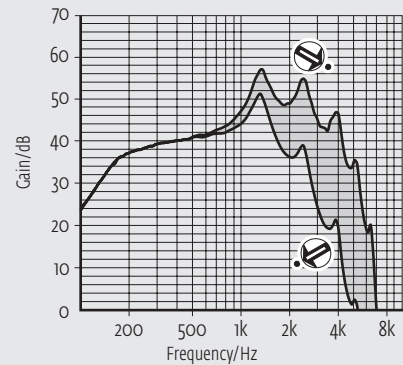
Reference Test Gain (RTG) + Low Cut



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.