



- Adaptive Feedback Cancellation (AFC²)
- Expansion (Squelch)
- T-Coil
- WDRG-Channels: 2
- Low Battery Indicator
- Accessories: VC Cover, Various Damping Earhooks, Audio Adapter (avero S+ only)

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	53 dB	-	53 dB
1600 Hz	-	63 dB	-
Peak Value	60 dB	65 dB	60 dB
Output (90 dB SPL)			
HFA	119 dB SPL	-	119 dB SPL
1600 Hz	-	129 dB SPL	-
Peak Value	124 dB SPL	130 dB SPL	124 dB SPL
Max. Output (110 dB SPL)			
HFA	119 dB SPL	-	119 dB SPL
1600 Hz	-	129 dB SPL	-
Peak Value	124 dB SPL	130 dB SPL	124 dB SPL
Reference Test Gain	42 dB	53 dB	42 dB
Induction Coil Sensitivity	87 dB SPL	99 dB SPL	110 dB SPL
Frequency Range	200 Hz-5600 Hz	200 Hz-5600 Hz	200 Hz-5600 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<2/1/1 %	<3/2/1 %	<2/1/1 %
Equivalent Input Noise ¹	<17 dB, typ. 15 dB	<19 dB, typ. 16 dB	<17 dB, typ. 15 dB
Battery Current	<0.74 mA	<0.76 mA	<0.74 mA
Battery Type	312 (13 avero S+)	312 (13 avero S+)	312 (13 avero S+)
Average Battery Life (Zinc-Air)	210 h (370 h avero S+)	210 h (370 h avero S+)	210 h (370 h avero S+)

¹ Expansion (Squelch) = 40 dB SPL

1 Volume Control
2 Cover flap
3 switch
4 Battery Compartment

M – Microphone
T – T-Coil
O – Off

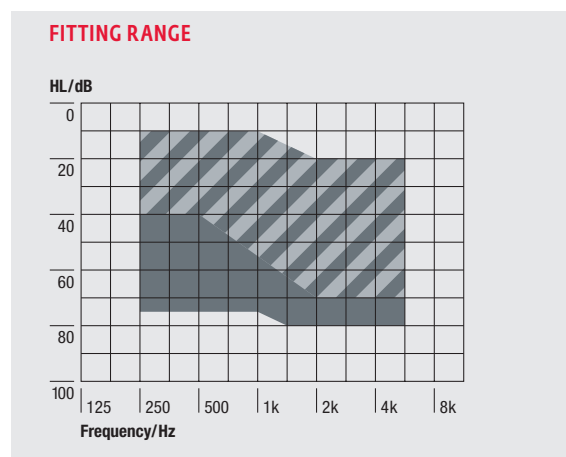
Note:
The trimmers are located behind the cover flap

-30 0

-20 0

-30 0

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

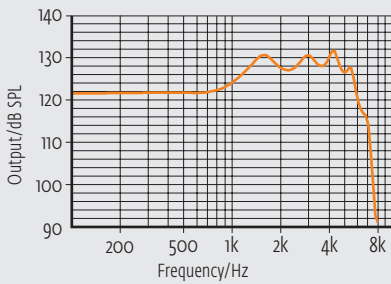


The shaded area applies to the avero S/S+ with Open Fit option.

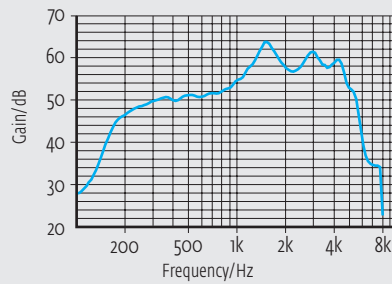


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20 μPa .

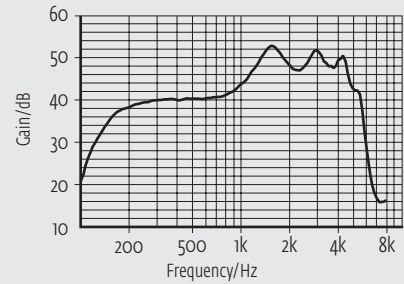
Maximum Output



Acoustic Gain

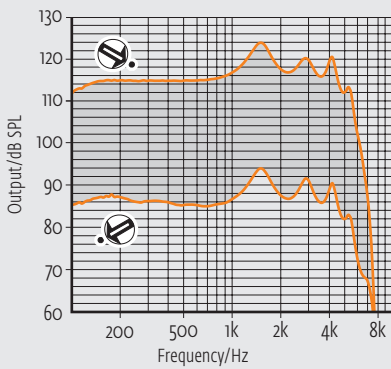


Reference Test Gain (RTG)

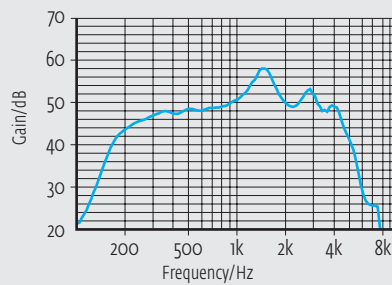


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20 μPa .

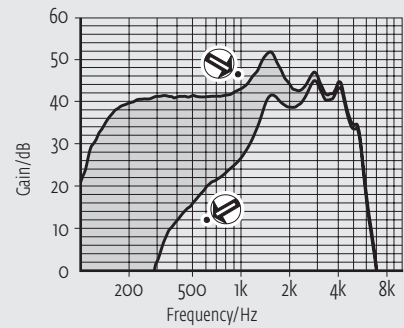
Maximum Output + AGCo



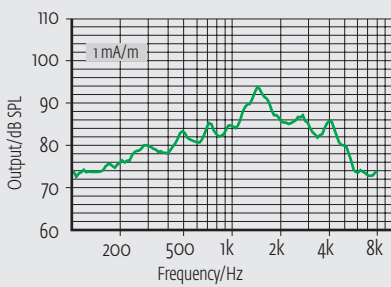
Acoustic Gain



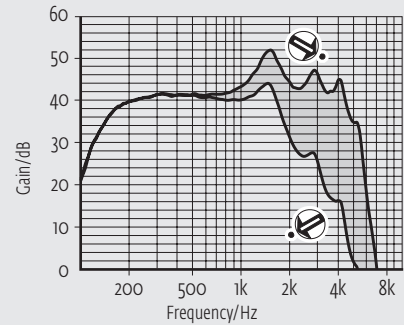
Reference Test Gain (RTG) + Low Cut



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.