



- Adaptive Feedback Cancellation (AFC²)
- Notch Filter (manual)
- Adaptive Noise Reduction (ANR)
- Expansion (Squelch)
- Program switch (programmable)
- Number of Programs: 3
- Program Switch Tones (programmable)
- WDRC-Channels: 4
- Channels: 8
- Low Battery Indicator (adjustable)
- Battery compartment lock
- TRT Noise Generator
- Option: Easy Thin Tube System

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	-	64 dB	-
Peak Value	60 dB	65 dB	60 dB
Max. Output (90 dB SPL)			
HFA	118 dB SPL	-	118 dB SPL
1600 Hz	-	132 dB SPL	-
Peak Value	126 dB SPL	132 dB SPL	126 dB SPL
Reference Test Gain	41 dB	56 dB	41 dB
Induction Coil Sensitivity	76 dB	89 dB	103 dB
Frequency Range	100 Hz-5500 Hz	200 Hz-5700 Hz	100 Hz-5500 Hz
Total Harmonic Distortions			
500/800/1600 Hz	2/1/1 %	3/3/1 %	2/1/1 %
Equivalent Input Noise ¹	10 dB	13 dB	10 dB
Battery Current	0.61 mA	0.59 mA	0.61 mA
Battery Type	10	10	10
Average Battery Life (Zinc-Air)	150 h	150 h	150 h
Tinnitusmasker			
Noise Level (RMS)	112 dB SPL	120 dB SPL	112 dB SPL
Frequency Range	200 Hz-6400 Hz	400 Hz-8000 Hz	200 Hz-6400 Hz

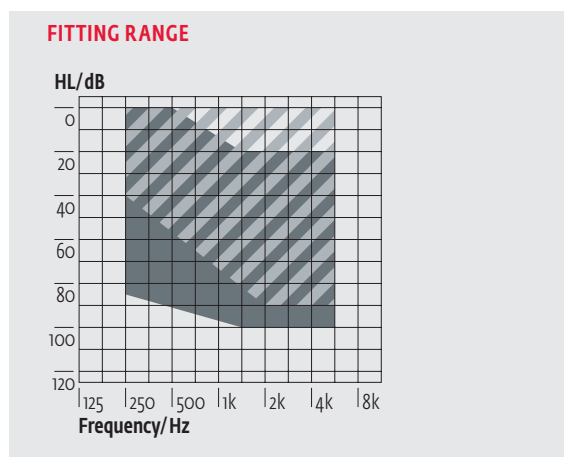
¹ Expansion (Squelch) = 40 dB SPL

1 Microphone
2 Program switch
3 Battery compartment / On-Off-switch
4 Battery compartment lock
5 Programming socket CS 44
6 Side marking red/blue

Standard

Programming (4pin. System)

Cable: Cable set B or E
 Battery: without Battery
 Progr.-Box: HI-PRO/HI-PRO 2
 HI-PRO USB
 NOAHlink
 Software: audifit 5.0

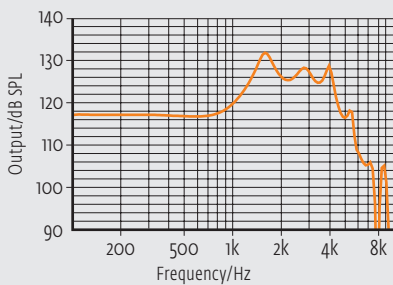


The shaded area applies to the vico XS TRT with Easy Thin Tube Option.

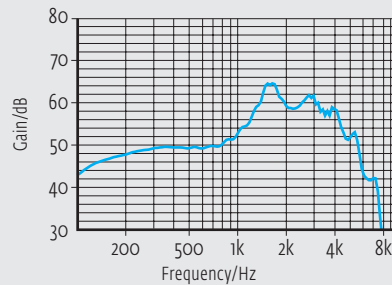


These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20 μ Pa.

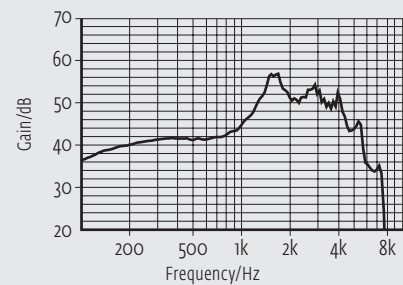
Maximum Output



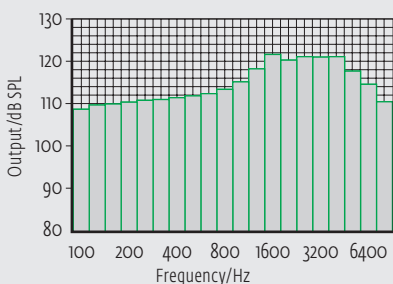
Acoustic Gain



Reference Test Gain (RTG)

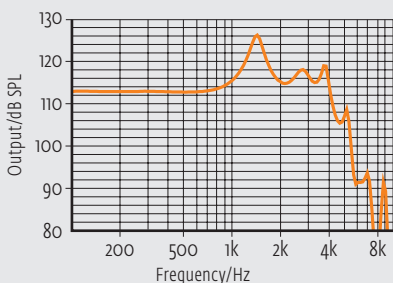


Third Octave Band Noise

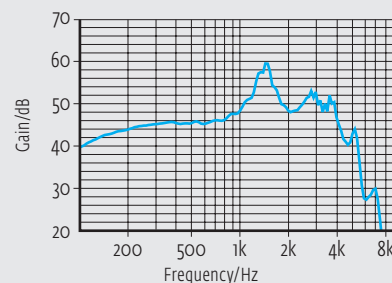


All curves are measured with **zccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20 μ Pa.

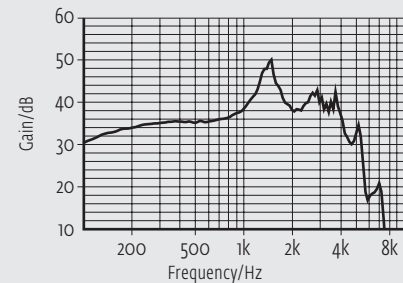
Maximum Output



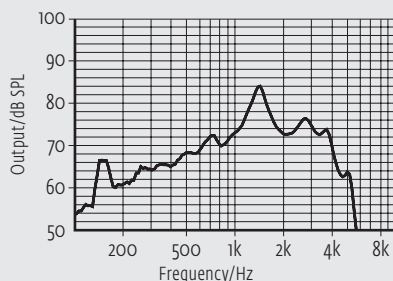
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil Sensitivity



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.