

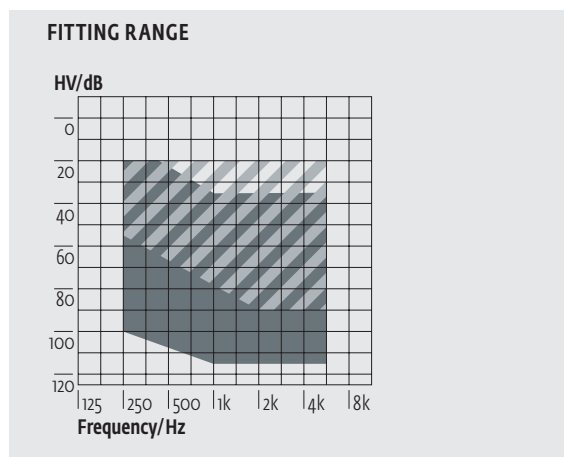
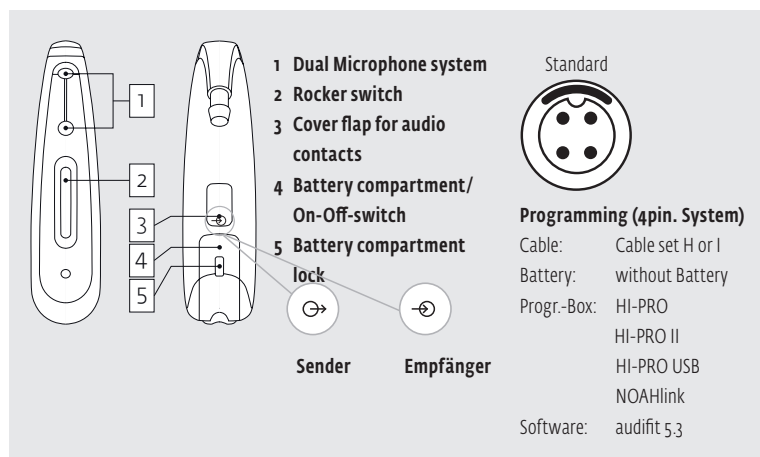


- Wireless CROS/BICROS
- easyclick
- Sound Dynamix
- sound resync
- Adaptive Directional Microphone (ADM)
- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- Adaptive Noise Reduction (ANR)
- Notch Filter (manual)
- Expansion (Squelch)
- Data Logging
- T-Coil
- Number of Programs: 4\*
- Rocker switch (programmable)
- Water repellent coating
- Auto T-Coil\*\* or Auto Phone
- Program Switch Tones (programmable)
- WDRG-Channels: 8
- Channels: 16
- Low Battery Indicator (programmable)
- Battery compartment lock
- Direct Audio Input
- Option: Easy Thin Tube System

\* 4 programs incl. Auto T-Coil/Auto Phone; 6 programs within automatic program \*\* Option only available in BICROS mode

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	65 dB	-	65 dB
1600 Hz	-	75 dB	-
Peak Value	72 dB	77 dB	72 dB
<b>Max. Output (90 dB SPL)</b>			
HFA	130 dB SPL	-	130 dB SPL
1600 Hz	-	136 dB SPL	-
Peak Value	136 dB SPL	141 dB SPL	136 dB SPL
<b>Reference Test Gain</b>	52 dB	61 dB	52 dB
<b>Induction Coil Sensitivity</b>	92 dB SPL	99 dB SPL	127 dB SPL
<b>Frequency Range</b>	100 Hz-6100 Hz	100 Hz-6300 Hz	100 Hz-6100 Hz
<b>Total Harmonic Distortions</b>			
500/800/1600 Hz	2/2/1 %	2/1/1 %	2/2/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	15 dB	13 dB	15 dB
<b>Battery Current<sup>2</sup></b>	0.85 mA/3.40 mA	0.85 mA/3.40 mA	0.85 mA/3.40 mA
<b>Battery Type</b>	13	13	13
<b>Average Battery Life (Zinc-Air)<sup>2</sup></b>	270 h/70 h	270 h/70 h	270 h/70 h

<sup>1</sup> Expansion (Squelch) = 38 dB SPL <sup>2</sup> with integrated radio link in sleep mode/with integrated radio link in active mode

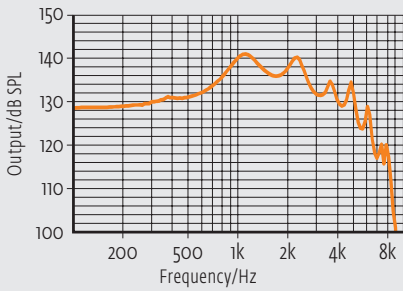


The shaded area applies to the via pro with Easy Thin Tube Option.

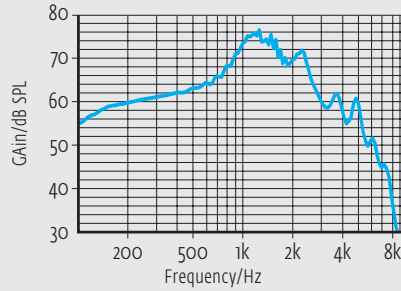


These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

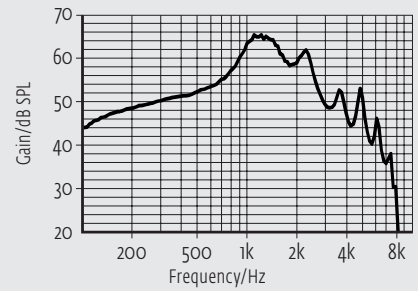
Maximum Output



Acoustic Gain

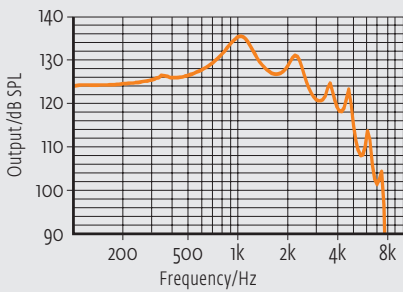


Reference Test Gain (RTG)

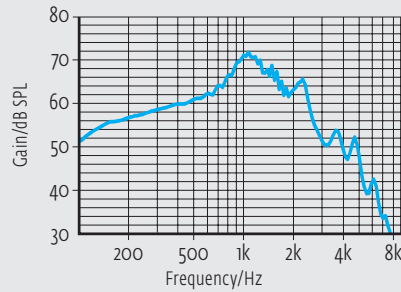


All curves are measured with **2ccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20  $\mu$ Pa.

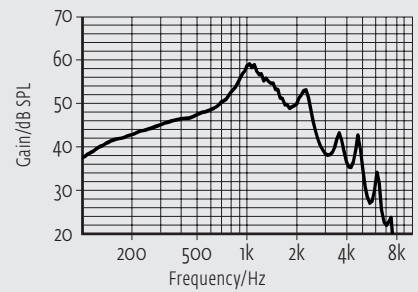
Maximum Output



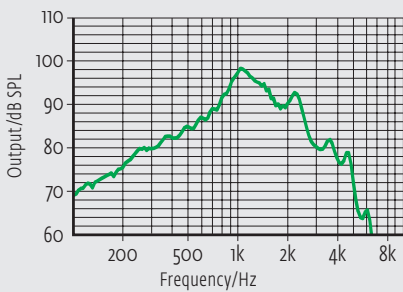
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil Sensivity



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.