

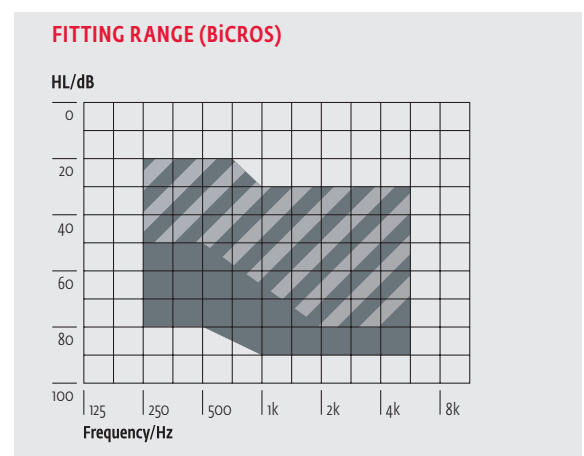
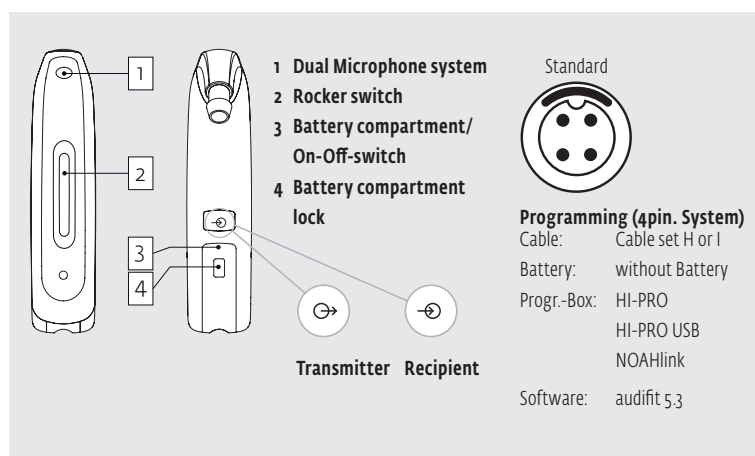


- Wireless CROS/BICROS
- easyclick
- Sound Dynamix
- sound resync
- Adaptive Directional Microphone (ADM)
- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- Adaptive Noise Reduction (ANR)
- Notch Filter (manual)
- Expansion (Squelch)
- T-Coil
- Number of Programs: 4\*
- Data Logging
- Rocker switch (programmable)
- nanoShield
- Auto T-Coil\*\* or Auto Phone
- Program Switch Tones (programmable)
- WDRC Channels: 8
- Bands: 16
- Low Battery Indicator (programmable)

\* 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	59 dB	-	59 dB
1600 Hz	-	68 dB	-
Peak Value	66 dB	71 dB	66 dB
<b>Max. Output (90 dB SPL)</b>			
HFA	124 dB SPL	-	123 dB SPL
1600 Hz	-	135 dB SPL	-
Peak Value	131 dB SPL	135 dB SPL	130 dB SPL
<b>Reference Test Gain</b>	46 dB	58 dB	46 dB
<b>Induction Coil Sensitivity</b>	90 dB SPL	96 dB SPL	109 dB SPL
<b>Frequency Range</b>	200 Hz-5900 Hz	100 Hz-6100 Hz	200 Hz-5900 Hz
<b>Total Harmonic Distortions</b>			
<b>500/800/1600 Hz</b>	7/5/2 %	5/5/3 %	7/5/2 %
<b>Equivalent Input Noise<sup>1</sup></b>	14 dB	12 dB	14 dB
<b>Battery Current</b>	0.83 mA/3.30 mA	0.83 mA/3.30 mA	0.83 mA/3.30 mA
<b>Battery Type</b>	312	312	312
<b>Average Battery Life (Zinc-Air)<sup>2</sup></b>	170 h/40 h	170 h/40 h	170 h/40 h

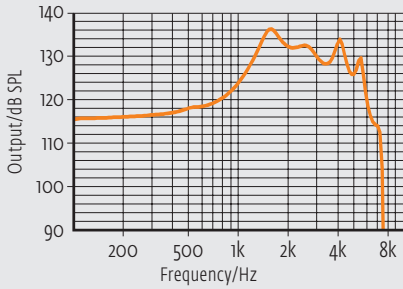
<sup>1</sup> Expansion (Squelch) = 38 dB SPL <sup>2</sup> with integrated radio link in sleep mode/with integrated radio link in active mode in active mode



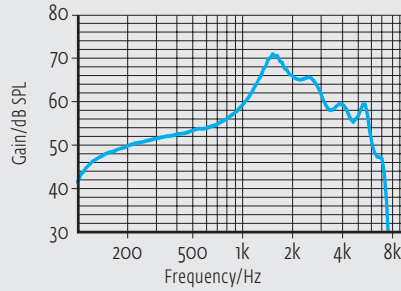
The shaded area applies to the via pro S+ with Easy Thin Tube Option.

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

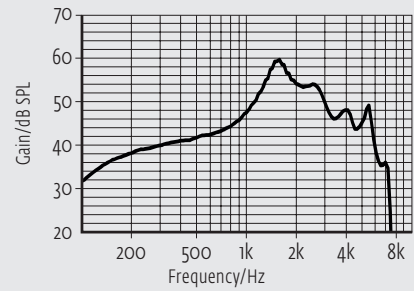
Maximum Output



Acoustic Gain

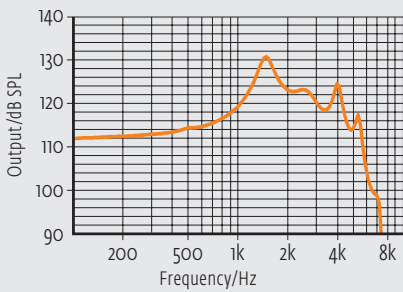


Reference Test Gain (RTG)

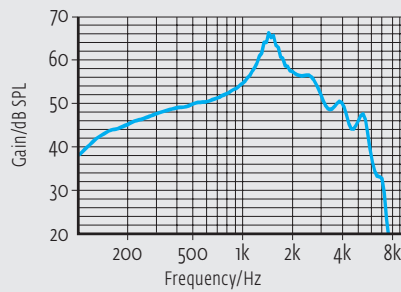


All curves are measured with **2ccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20  $\mu$ Pa.

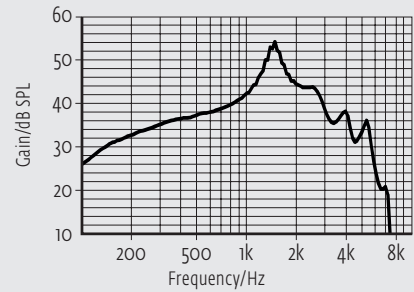
Maximum Output



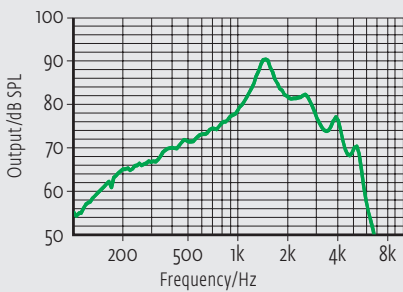
Acoustic Gain



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.