

- Sound Dynamix
- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- Notch Filter (manual)
- Adaptive Noise Reduction (ANR)
- Expansion (Squelch)
- Data Logging
- Number of Programs: max. 4
- Program Switch Tones (programmable)
- WDRC-Channels: 8
- Channels: 16
- Low Battery Indicator (programmable)

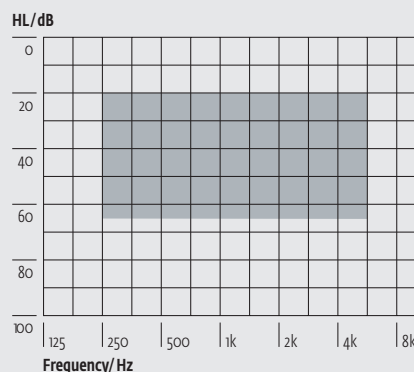
| Technical Data                             | EN 60118-7: 2005<br>(2 ccm-coupler) | EN 60118-0: 1994<br>(Ear Simulator) | ANSI S3.22-2003<br>(2 ccm-coupler) |
|--|-------------------------------------|-------------------------------------|------------------------------------|
| <b>Operating Voltage</b>                   | 1.30 V                              | 1.30 V                              | 1.30 V                             |
| <b>Acoustic Gain (50 dB SPL)</b>           |                                     |                                     |                                    |
| HFA  | 45 dB                               | -                                   | 45 dB                              |
| 1600 Hz                                    | -                                   | 50 dB                               | -                                  |
| Peak Value                                 | 51 dB                               | 59 dB                               | 51 dB                              |
| <b>Max. Output (90 dB SPL)</b>             |                                     |                                     |                                    |
| HFA  | 116 dB SPL                          | -                                   | 116 dB SPL                         |
| 1600 Hz                                    | -                                   | 121 dB SPL                          | -                                  |
| Peak Value                                 | 119 dB SPL                          | 127 dB SPL                          | 119 dB SPL                         |
| <b>Reference Test Gain</b>                 | 39 dB                               | 43 dB                               | 39 dB                              |
| <b>Induction Coil Sensitivity</b>          | -                                   | -                                   | -                                  |
| <b>Frequency Range</b>                     | 200 Hz-7700 Hz                      | 200 Hz-8000 Hz                      | 200 Hz-7700 Hz                     |
| <b>Total Harmonic Distortions</b>          |                                     |                                     |                                    |
| <b>500/800/1600 Hz</b>                     | <1/1/1 %                            | <1/2/2 %                            | <1/1/1 %                           |
| <b>Equivalent Input Noise <sup>1</sup></b> | <24, typ. 20 dB                     | <24, typ. 20 dB                     | <24, typ. 20 dB                    |
| <b>Battery Current</b>                     | <0.72, typ. 0.70 mA                 | <0.60, typ. 0.59 mA                 | <0.72, typ. 0.70 mA                |
| <b>Battery Type</b>                        | 10                                  | 10                                  | 10                                 |
| <b>Average Battery Life (Zinc-Air)</b>     | 120 h                               | 120 h                               | 120 h                              |

<sup>1</sup> Expansion (Squelch) = 30 dB SPL

**PROGRAMMING**

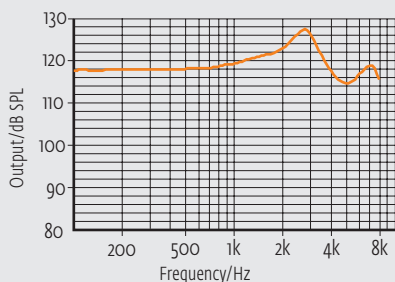
- Cable: Cable set C, D, F or G
- Battery: with Battery
- Progr.-Box: HI-PRO  
HI-PRO USB  
MicroCard  
NOAHlink
- Software: audifit 4.5.0

**FITTING RANGE**

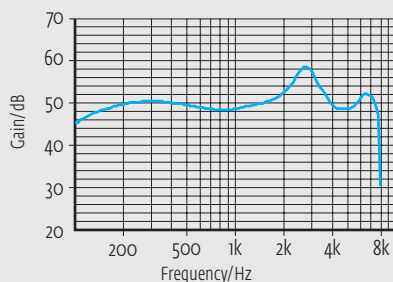


These curves are measured with **Ear Simulator (EN 60318-4, fig. 4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

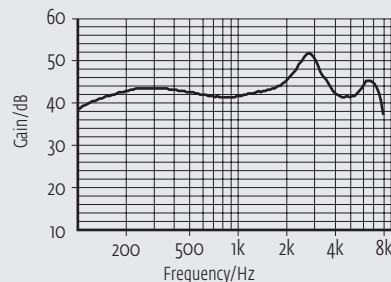
Maximum Output



Acoustic Gain

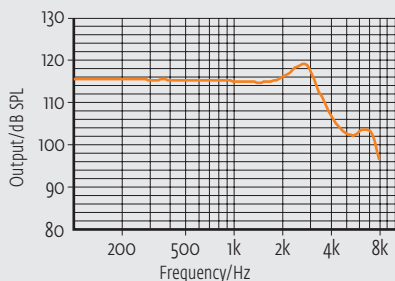


Reference Test Gain (RTG)

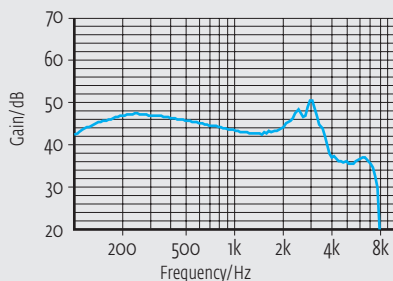


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 1)**. All sound pressure levels are referred to 20  $\mu$ Pa.

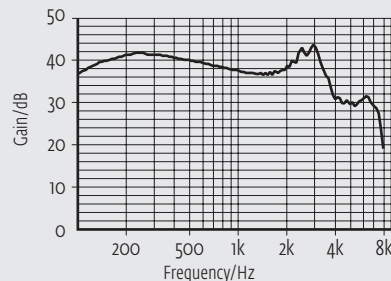
Maximum Output



Acoustic Gain



Reference Test Gain (RTG)



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.