



- Number of programs: 2
- Program switch tones (fixed on)
- Number of frequency channels: 4
- Equalizer: 12 bands
- Adaptive feedback cancellation (AFC)
- Squelch
- Gain control (software)
- AGCi and AGCo
- Accessories: various thin tubes and domes

TECHNICAL DATA	EN 60118-7 (2 ccm-coupler)	EN 60118-0 (Ear Simulator)
<b>Operating Voltage</b>	1.30 V	1.30 V
<b>Acoustic Gain (60 dB SPL)</b>		
1600 Hz	28 dB	36 dB
Peak Value	40 dB	44 dB
<b>Output (90 dB SPL)</b>		
1600 Hz	105 dB SPL	114 dB SPL
Peak Value	119 dB SPL	124 dB SPL
<b>Max. Output (110 dB SPL)</b>		
1600 Hz	105 dB SPL	114 dB SPL
Peak Value	119 dB SPL	124 dB SPL
<b>Reference Test Gain</b>	20 dB	28 dB
<b>Induction Coil Sensitivity</b>		
<b>1600 Hz (at 100 mA/m)</b>	n/a	n/a
<b>Frequency Range</b>	150 Hz–6300 Hz	150 Hz–6200 Hz
<b>Total Harmonic Distortions</b>		
<b>500/800/1600 Hz</b>	<2/2/2 %	<2/2/2 %
<b>Equivalent Input Noise <sup>1</sup></b>	<32 dB	<32 dB
<b>Battery Current <sup>3</sup></b>	<0.75 mA (0.95 mA)	<0.75 mA (0.95 mA)
<b>Type</b>	loon	loon
<b>Battery Type</b>	10	10
<b>Average Battery Life (Zinc-Air)</b>	90 h	90 h

<sup>1</sup> Squelch = off    <sup>2</sup> EIN = Ln - (Lhfa - 60 dB)    <sup>3</sup> AFC off (on)

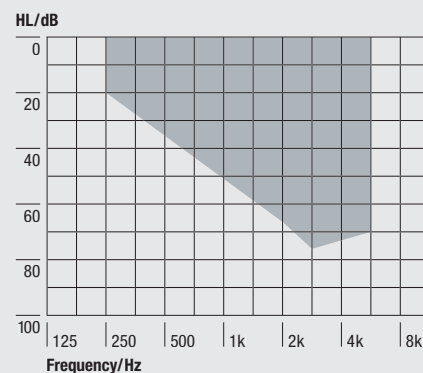
ANSI S3.22-1987, -1996	
<b>Full-On Gain (60 dB SPL)</b>	
HFA	32 dB
Max.	40 dB
<b>Output (90 dB SPL)</b>	
HFA	109 dB SPL
Max.	119 dB SPL
<b>Max. Output (110 dB SPL)</b>	
HFA	109 dB SPL
Output	119 dB SPL
<b>Reference Test Gain</b>	32 dB
<b>Induction Coil Sensitivity</b>	
<b>1000 Hz (at 100 mA/m)</b>	n/a
<b>Frequency Range</b>	150–6000 Hz
<b>Total Harmonic Distortions</b>	
<b>500/800/1600 Hz</b>	<2/2/2 %
<b>Equivalent Input Noise <sup>1,2</sup></b>	<32 dB
<b>Battery Current <sup>3</sup></b>	<0.75 mA (0.95 mA)
<b>Power Source</b>	1.30 V Type 10 (loon)

The tolerance range of the above given nominal values are defined per ANSI S3.22-1987.

## PROGRAMMING

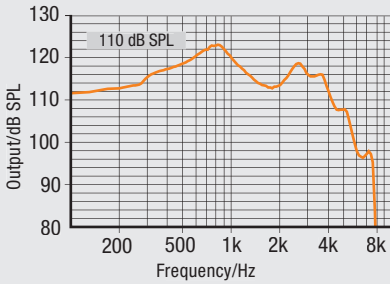
**Cable:** 10 Batteryadapter "right"; Standard HIPRO  
**Battery:** Without battery  
**Progr.-Box:** HIPRO-Box  
**Software:** audifit 4.0.3

## FITTING RANGE

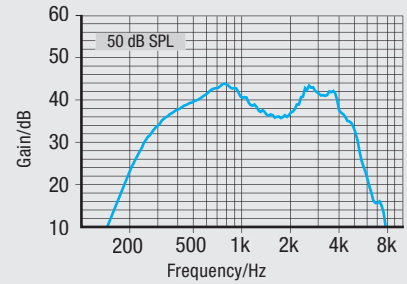


These curves are measured with **Ear Simulator (IEC 711)**. All sound pressure levels are referred to 20  $\mu$ Pa.

Maximum Output

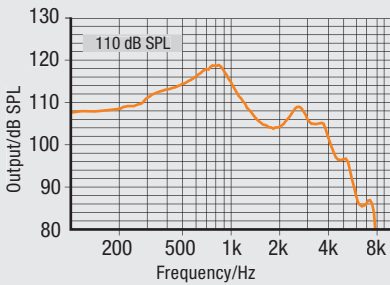


Acoustic Gain

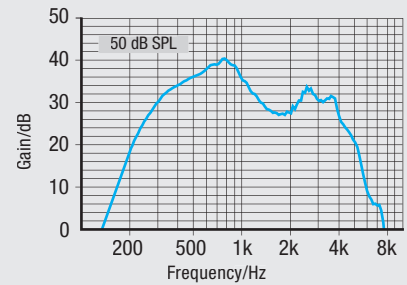


All curves are measured with **2ccm-coupler (IEC 126)**. All sound pressure are referred to 20  $\mu$ Pa.

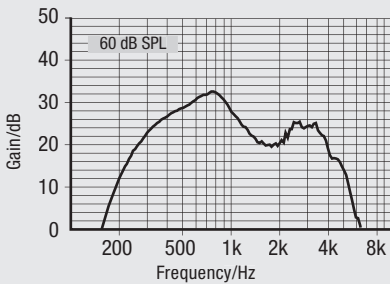
Maximum Output



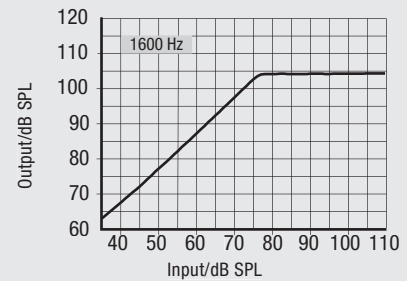
Acoustic Gain



Reference Test Gain (RTG)



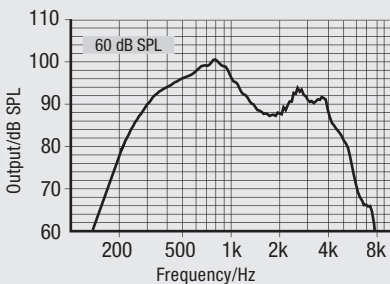
I/O Curve



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.

**ANSI S3.22-1987,-1996**

Frequency Response



I/O Characteristic

