



- Notch Filter (manual)
 - Expansion (Squelch)
 - T-Coil (allegro S+/ST+ only)
 - Number of Programs: 1
 - WDRG-Channels: 2
 - Crossover Frequency (adjustable)
 - Low Battery Indicator (adjustable)
 - Gain Control (programmable)
 - VC (programmable)
 - AGCi and AGCo
- Accessories: VC Cover, Various Damping Earhooks, Audio Adapter (allegro S+/ST+ only)
 - Option: Direct Audio Input (allegro S+/ST+ only)

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	50 dB	-	50 dB
1600 Hz	-	64 dB	-
Peak Value	59 dB	65 dB	59 dB
Output (90 dB SPL)			
HFA	119 dB SPL	-	119 dB SPL
1600 Hz	-	129 dB SPL	-
Peak Value	124 dB SPL	131 dB SPL	124 dB SPL
Max. Output (110 dB SPL)			
HFA	119 dB SPL	-	119 dB SPL
1600 Hz	-	129 dB SPL	-
Peak Value	123 dB SPL	131 dB SPL	123 dB SPL
Reference Test Gain	43 dB	53 dB	43 dB
Induction Coil Sensitivity	87 dB SPL ³	99 dB SPL ³	77 dB SPL
Frequency Range	200 Hz-5500 Hz	300 Hz-6000 Hz	200-5500 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<2/2/1 %	<2/2/1 %	<2/2/1 %
Equivalent Input Noise¹	<22 dB, typ. 18 dB	<22 dB, typ. 18 dB	<22 dB, typ. 18 dB
Battery Current²	<0.95 mA	<0.95 mA	<0.95 mA
Battery Type	13/312 ⁴	13/312 ⁴	13/312 ⁴
Average Battery Life (Zinc-Air)	240 h/120 h ⁴	240 h/120 h ⁴	240 h/120 h ⁴

¹ Squelch = 46 dB ² allegro ST/ST+ only ³ measured at 31.6 mA/m ⁴ allegro S/ST

1 Volume Control

2 Cover flap

3 switch (allegro S/S+)

1 - On
0 - Off

switch (allegro ST/ST+)

M - Microphone
T - T-Coil
0 - Off

4 Battery Compartment

Note: The programming socket is under the cover flap (2).

Standard

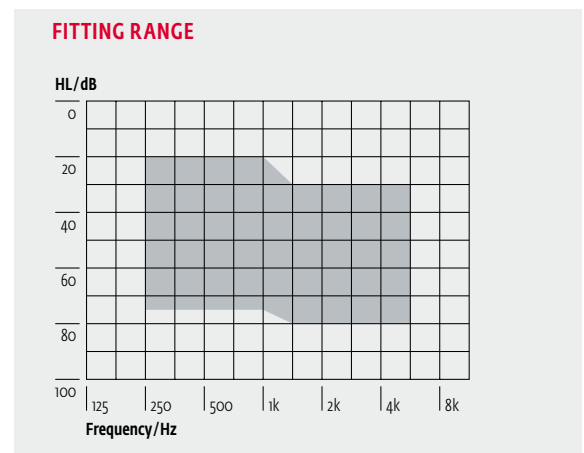
Programming (4pin. System)

Cable: Cable set B or E

Battery: without Battery

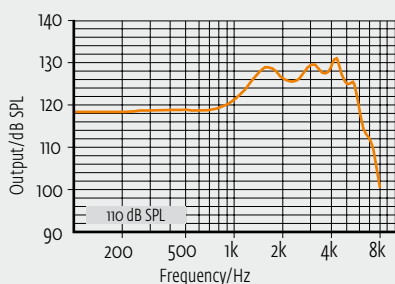
Progr.-Box: HI-PRO
HI-PRO USB
MicroCard
NOAHlink

Software: audifit 4.2.0

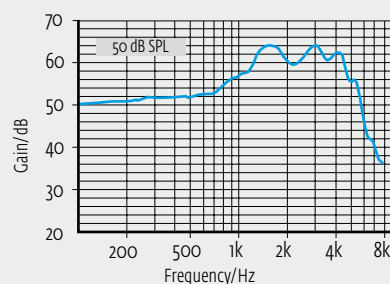


These curves are measured with **Ear Simulator (EN 60318-4, fig. 2)**. All sound pressure levels are referred to 20 μ Pa.

Maximum Output

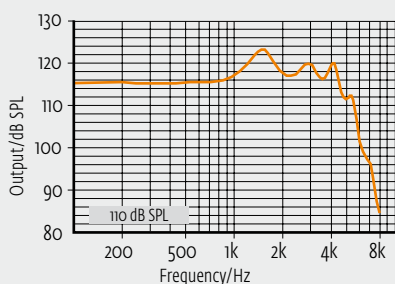


Acoustic Gain

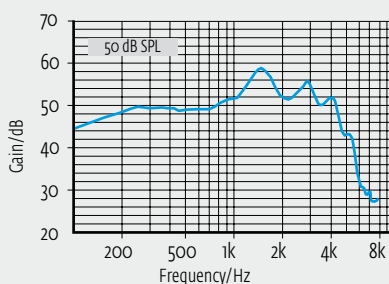


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20 μ Pa.

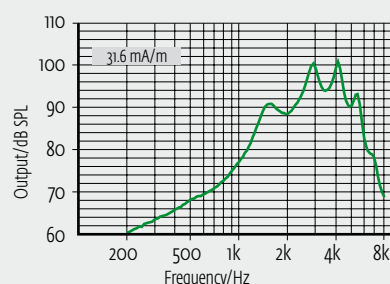
Maximum Output



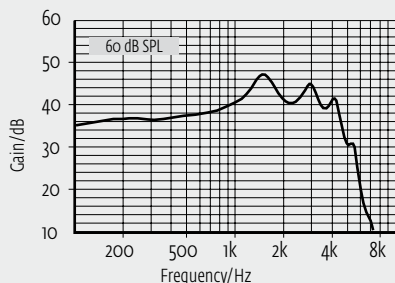
Acoustic Gain



Induction Coil Sensitivity*



Reference Test Gain (RTG)



* allegro ST/ST+ only

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.