



- Notch Filter (manual)
- Expansion (Squelch)
- T-Coil (allegro XT only)
- Number of Programs: 1
- Channels: 2
- Crossover Frequency (adjustable)
- Low Battery Indicator (adjustable)
- Gain Control (programmable)
- VC (programmable)
- AGCi and AGCo
- Accessories: Various Damping Earhooks

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	70 dB	-	70 dB
1600 Hz	-	72 dB	-
Peak Value	78 dB	82 dB	78 dB
Output (90 dB SPL)			
HFA	130 dB SPL	-	130 dB SPL
1600 Hz	-	133 dB SPL	-
Peak Value	136 dB SPL	140 dB SPL	136 dB SPL
Max. Output (110 dB SPL)			
HFA	130 dB SPL	-	130 dB SPL
1600 Hz	-	133 dB SPL	-
Peak Value	136 dB SPL	140 dB SPL	136 dB SPL
Reference Test Gain	53 dB	57 dB	53 dB
Induction Coil Sensitivity	115 dB SPL ³	119 dB SPL ³	118 dB SPL
Frequency Range	200 Hz-4900 Hz	200 Hz-5200 Hz	200-4900 Hz
Total Harmonic Distortions			
500/800/1600 Hz	<4/2/2 %	<4/2/2 %	<4/2/2 %
Equivalent Input Noise¹	<28 dB, typ. 22 dB	<28 dB, typ. 22 dB	<28 dB, typ. 22 dB
Battery Current²	<1.30 mA	<1.30 mA	<1.30 mA
Battery Type	675	675	675
Average Battery Life (Zinc-Air)	400 h	400 h	400 h

¹ Squelch = 46 dB ² allegro XT only ³ measured at 31.6 mA/m

1 Volume Control

2 Cover flap

3 switch (allegro X)
1 - On
0 - Off

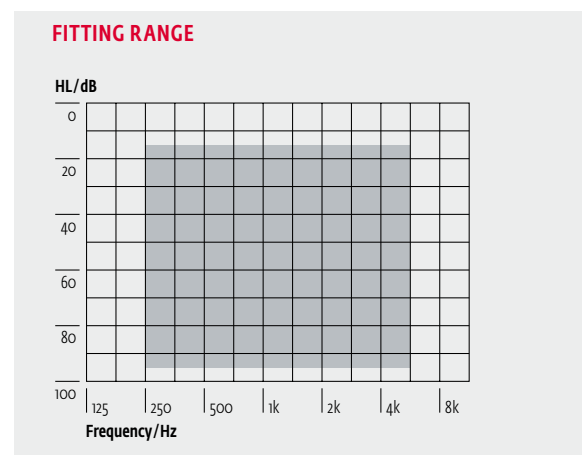
switch (allegro XT)
M - Microphone
T - T-Coil
0 - Off

4 Battery Compartment

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

Standard

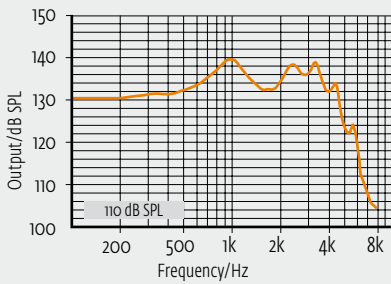
Programming (4pin. System)
Cable: Cable set B or E
Battery: without Battery
Progr.-Box: HI-PRO
HI-PRO USB
MicroCard
NOAHlink
Software: audifit 4.2.0



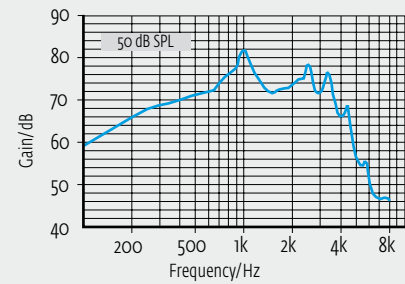
⚠ Caution: This medical device may exceed an output sound pressure level of 135 dB. To avoid possible damages, special care should be exercised.

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

Maximum Output

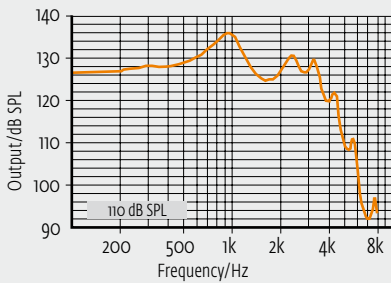


Acoustic Gain

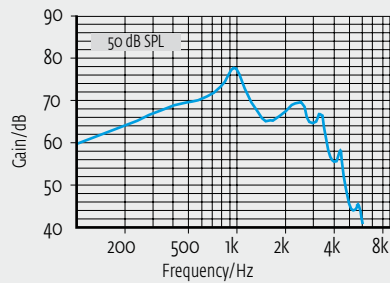


All curves are measured with **2ccm-coupler (EN 60318-5, fig. 3)**. All sound pressure levels are referred to 20 μ Pa.

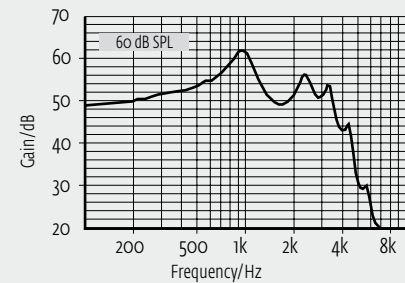
Maximum Output



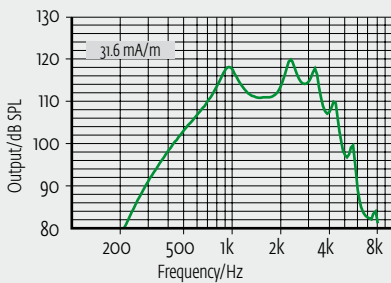
Acoustic Gain



Reference Test Gain (RTG)



Induction Coil Sensitivity *



* allegro XT 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.