



Brief Description

- Mini BTE combined instrument, also for use in tinnitus retraining therapy

Hearing system:

- Digital two channel hearing system in the entry class
- 3 programs (M1, M2, T, mixed mode: mT, MT)
- Programmable crossover frequency
- Dual two channel dynamic compression (CK and CR programmable)
- Microphone noise reduction
- Adaptive feedback management
- Audio input (MLx compatible)

Noiser:

- Automatic presetting (First Fit) of noise level on the basis of pure tone audiometry data in order to realize an audible broadband signal (coupled to presetting of the hearing system or by turning noiser on (off/on))
- Low and high frequency tone controls can be separately programmed
- Programmable volume control (control range: 32, 16, 8 dB, off)
- Printing on case: ACTIVO WAVE VC

Max. output/Max. gain

Hearing system: 125/40 Noiser: 85

Description

Fitting: Personal Computer (PC, notebook)
Channels (G / AGC): 2 / 2
No. of programs: 3
No. of microphones: 1
VC: yes
Program pushbutton: yes
Audio input: yes

Options

Accessories

HADEO care range,
eyeglass-adapter,
audio-adapter

Homologation Approval Germany

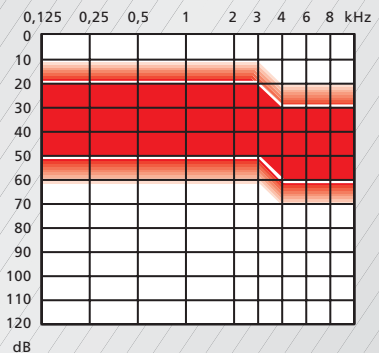
Applicable standards

Ear simulator measurement: EN 60118-0
2 cc coupler measurement: EN 60118-7
ANSI-Standard (S3.22-1996)

Measuring settings

If not mentioned differently in the individual diagrams, the following adjustments are effective:

Adaptive parameters: off
Full on Gain (Connexx Test setting)

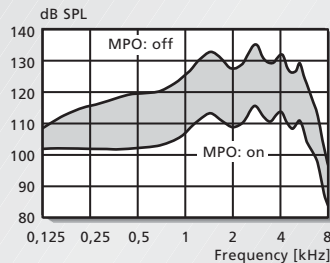


Technical Specifications

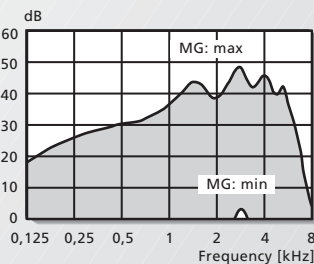
Ear Simulator	Maximum output [dB SPL]	2cc Coupler
135 132	input: 90 dB SPL Peak 2500 Hz	125 124
	Gain [dB] input: 50 dB SPL Peak 2500 Hz	
48 46		40 37
	Frequency range [Hz]	
250 6.500	low frequency limit high frequency limit	150 5.900
	Total harmonic distortion [%] input: 70 dB SPL typical/maximum	
1,1/3,5 0,7/2,9 0,3/2,5	500 Hz 800 Hz 1600 Hz	1,1/3,5 0,7/2,9 0,3/2,5
	Equivalent input noise [dB] input: 40 dB SPL typical/maximum	
22/25 (MNR an:12)		22/25 (MNR an:12)
	Battery Type	
13		13
	Battery current [mA] typical/maximum	
0,7/0,77		0,7/0,77

Ear Simulator

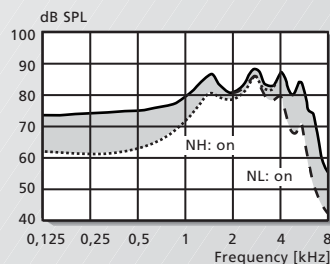
Max. Output OSPL 90



Reference Test Gain

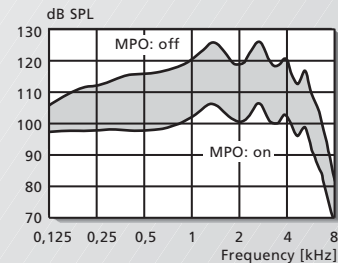


Max. Output Noise Level incl. NH und NL

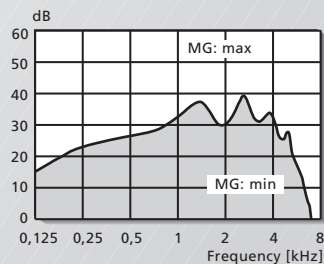


2 cc Coupler

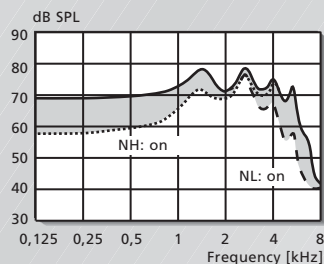
Max. Output OSPL 90



Reference Test Gain



Max. Output Noise Level incl. NH und NL

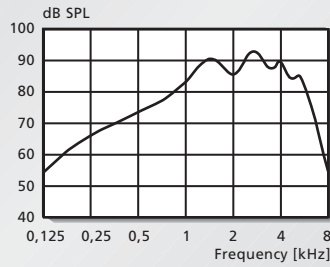


Technical Specifications

Ear Simulator	Max. telecoil sensitivity [dB SPL] input: 10 mA/m typical/minimum Peak 2500 Hz	2 cc Coupler
92/88 90/86		83/79 81/77
Total harmonic distortion of telecoil [%]		
	input: 100 mA/m typical/maximum 500 Hz 800 Hz 1600 Hz	
1,4/3,8 0,8/2,9 0,1/2,2		1,4/3,8 0,8/2,9 0,1/2,2
Sensitivity of audio input [mV]		
1,35		1,35

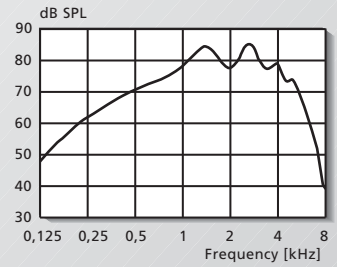
Ear Simulator

Reference Test Gain of Telecoil



2 cc Coupler

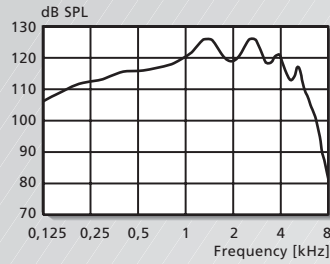
Reference Test Gain of Telecoil



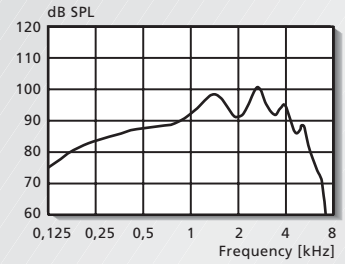
Technical Specifications (ANSI-Standard)

Maximum SSPL 90 [dB SPL]	125
HF-Average SSPL 90 [dB SPL]	123
HF-Average Full-on Gain [dB]	35
Reference Test Gain [dB]	35
Frequency range [Hz]	
low frequency limit	150
high frequency limit	6.100
Total harmonic distortion [%]	
typical/maximum	
500 Hz	2,0/4,5
800 Hz	1,4/4,9
1600 Hz	0,4/1,9
Equivalent input noise [dB]	
typical/maximum	24/27 (MNR on:14)
Telecoil HFA-SPLITS [dB SPL]	
input: 1,5 mA/m	
typical/maximum	82/76
Battery Type	
	13
Battery current [mA]	
	0,7/0,84

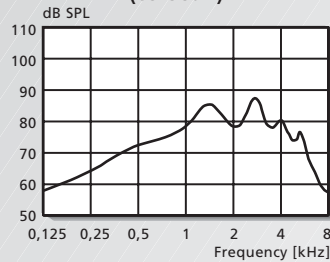
Max. Output SSPL 90



Reference Test Gain



SPLITS curve (telecoil)



Remark

This hearing instrument is able to achieve an output sound pressure level of more than 132 dB SPL. In order to exclude an increase of hearing loss special attention has to be given to protection of the residual hearing upon fitting.