



Brief Description

- Combined instrument, also for use in tinnitus retraining therapy
- Variants: mini canal / canal (custom made)

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

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)

Max. output/Max. gain

Hearing system: 115/40 **Noiser:** 85

Description

Fitting: Personal Computer (PC, notebook)
Channels (G / AGC): 2 / 2
Connection to the PC
canal/CIC: with programming socket
mini canal/ Cymba: with FlexConnect

Options

Program pushbutton, Contactmatic

Accessories

HADEO care range, various wax guard systems, special tooling for the exchange of wax guard system, special shelltreatment/-variants

Homologation Approval Germany

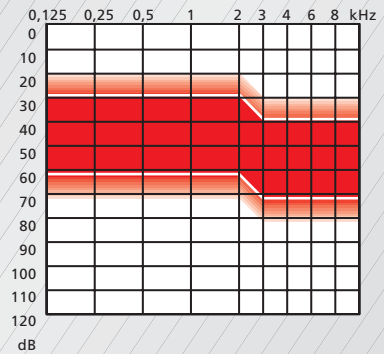
Applicable standards

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)

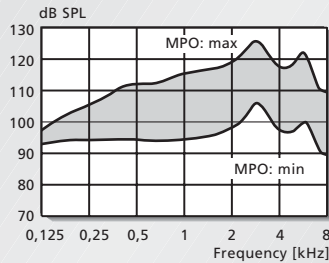


Technical Specifications

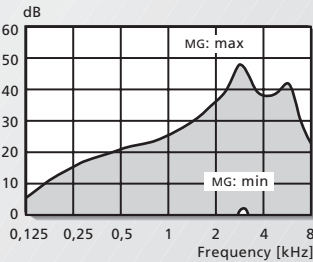
Ear-Simulator	Maximum output [dB SPL] input: 90 dB SPL Peak 2500 Hz	2 cc Coupler
126 123		115 115
Gain [dB] input: 50 dB SPL Peak 2500 Hz		
48 45		40 35
Frequency range [Hz]		
825 7.700	low frequency limit high frequency limit	325 6.500
Total harmonic distortion [%] input: 70 dB SPL typical/maximum		
1,4/4,5 1,1/3,9 0,5/2,5	500 Hz 800 Hz 1600 Hz	1,4/4,5 1,1/3,9 0,5/2,5
Equivalent input noise [dB] input: 40 dB SPL typical/maximum		
19/22		19/22
Battery Type		
312/10		312/10
Battery current [mA] typical/maximum		
0,65/0,72		0,65/0,72

Ear Simulator

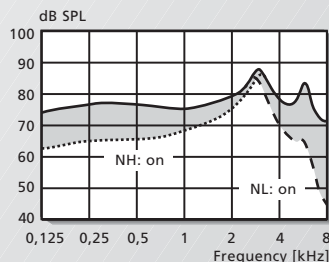
Max. Output OSPL 90



Max. Acoustic Gain

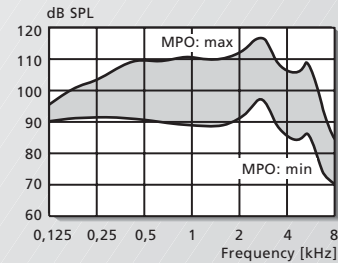


Max. Noise Level incl. NH and NL

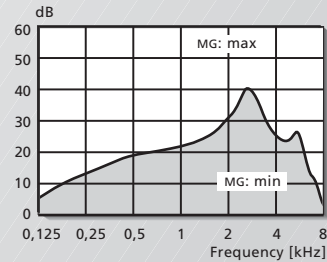


2 cc Coupler

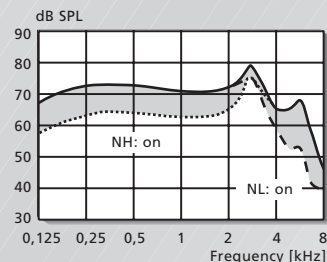
Max. Output OSPL 90



Max. Acoustic Gain



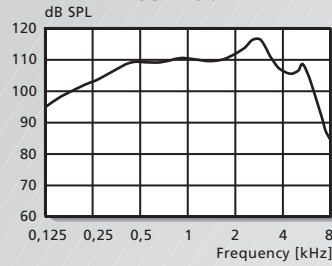
Max. Noise Level incl. NH and NL



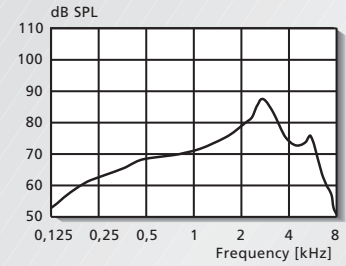
Technical Specifications (ANSI-Standard)

Maximum SSPL 90 [dB SPL]	115
HF-Average SSPL 90 [dB SPL]	111
HF-Average Full-on Gain [dB]	27
Reference Test Gain [dB]	27
Frequency range [Hz]	
low frequency limit	150
high frequency limit	7.500
Total harmonic distortion [%]	
typical/maximum	
500 Hz	3,3/6,5
800 Hz	3,3/6,5
1600 Hz	1,9/5,5
Equivalent input noise [dB]	
typical/maximum	28/31
Battery Type	
	312/10
Battery current [mA]	
typical/maximum	0,65/0,78

**Max. Output
SSPL 90**



Reference Test Gain



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.