



Brief Description

- Fully digital two channel mini-BTE
- Channel separated dual dynamic compression
- Suitable for light to medium hearing losses (even with recruitment)
- Internal microphone noise reduction
- Distortion free reproduction even at high input levels
- Programmable without computer with three (3) digital trimmers: PC,AGC,NH
- Delivery with volume control
- PC-supported presetting on basis of audiometric data and storage of the session in Connexx/Noah
- Additional paper based fitting help
- Printing on case: LITE3-S VC

Max. output/Max. gain

122/62

Description

Fitting: Digital trimmers
 Channels (G / AGC): 2 / 2
 No. of programs: 1
 No. of microphones: 1
 VC: yes
 Audio input: yes

Options

Accessories

HADEO care range, VC cover cap, mini-elbow, eyeglass-adapter, audio-adapter

Homologation Approval Germany

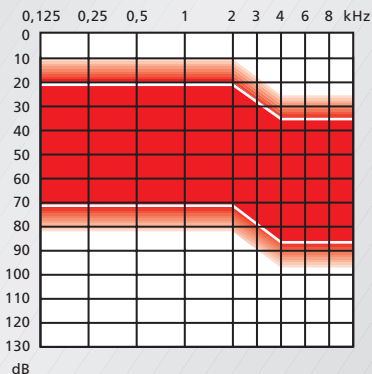
Applicable standards

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:

Trimmer settings: max (ANSI: AGC = min)

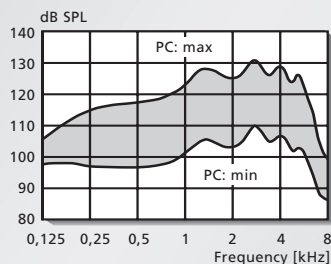


Technical Specifications

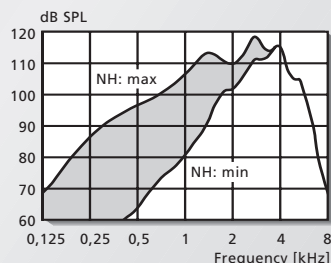
Ear Simulator	Maximum output [dB SPL] input: 90 dB SPL	2 cc Coupler
131 127	Peak 1600 Hz	122 119
	Gain [dB] input: 50 dB SPL	
71 64	Peak 1600 Hz	62 57
	Frequency range [Hz]	
350 6.200	low frequency limit high frequency limit	275 5.500
	Total harmonic distortion [%] input: 70 dB SPL	
4,8/6,5 2,5/4,9 2,1/4,5	typical/maximum 500 Hz 800 Hz 1600 Hz	4,8/6,5 2,5/4,9 2,1/4,5
	Equivalent input noise [dB] input: 40 dB SPL	
13/16	typical/maximum	13/16
	Battery Type	
13		13
	Battery current [mA]	
0,65/0,72	typical/maximum	0,65/0,72

Ear Simulator

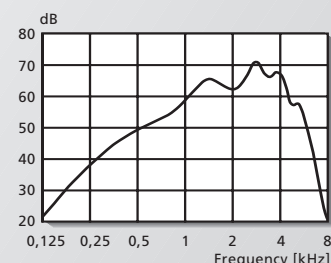
Max. Output OSPL 90



Reference Test Gain

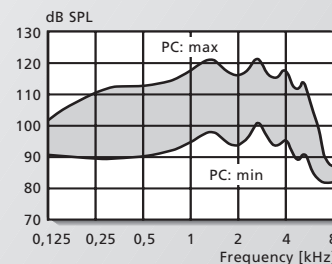


Maximum Acoustic Gain

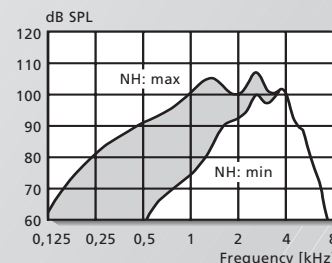


2 cc Coupler

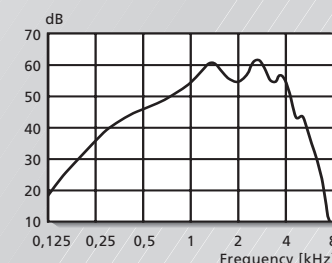
Max. Output OSPL 90



Reference Test Gain



Maximum Acoustic Gain



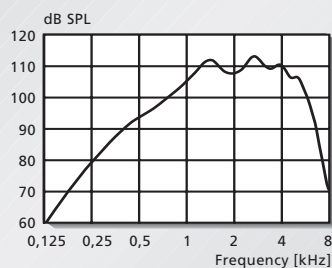


Technical Specifications

Ear Simulator	Max. telecoil sensitivity [dB SPL] input: 10 mA/m typical/minimum Peak 1600 Hz	2 cc Coupler
114/110 112/108		107/103 104/100
Total harmonic distortion of telecoil [%]		
	input: 100 mA/m typical/maximum	
5,5/7,5 4,1/6,9 2,9/4,5	500 Hz 800 Hz 1600 Hz	5,5/7,5 4,1/6,9 2,9/4,5
Sensitivity of audio input [mV]		
1,4		1,4

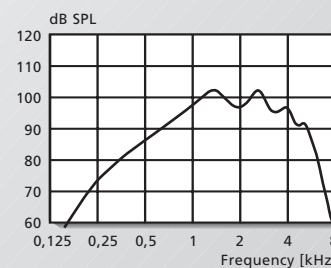
Ear Simulator

Reference Test Gain of Telecoil



2 cc Coupler

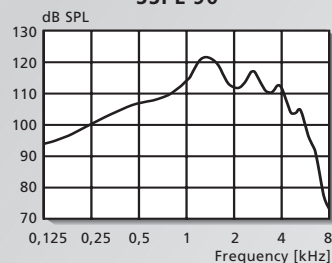
Reference Test Gain of Telecoil



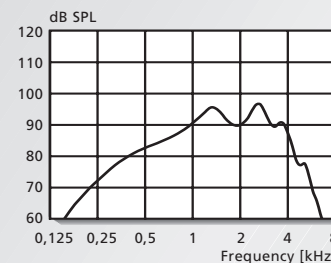
Technical Specifications (ANSI-Standard)

Maximum SSPL 90 [dB SPL]	121
HF-Average SSPL 90 [dB SPL]	116
HF-Average Full-on Gain [dB]	55
Reference Test Gain [dB]	39
Frequency range [Hz]	
low frequency limit	275
high frequency limit	5.500
Total harmonic distortion [%]	
typical/maximum	
500 Hz	4,5/6,2
800 Hz	2,2/4,5
1600 Hz	1,9/3,8
Equivalent input noise [dB]	
typical/maximum	15/18
Telecoil HFA-SPLITS [dB SPL]	
input: 1,5 mA/m	
typical/maximum	92/86
Battery Type	
	13
Battery current [mA]	
typical/maximum	0,63/0,75

Max. Output SSPL 90



Reference Test Gain



SPLITS curve (telecoil)

