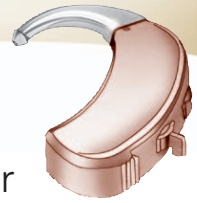
HANSATON LITE 3 HEARING SYSTEMS



starLITE 3 HighPower

Brief Description

- Fully digital two channel HighPower-BTE
- Suitable for medium to profound hearing losses (even with recruitment)
- Two channel signal processing (frequency shape and dynamics)
- Automatic internal Noise Reduction (MNR)
- Distortion free reproduction even at high input levels
- Programmable without computer with three (3) digital trimmers: PC, AGC, NH
- Equipped with volume control
- Software supported presetting with Connexx/Hansafit on basis of audiometric data and storage of the session in Connexx/NOAH
- Audio input (MLx compatible)
- Interactive, quick, easy fitting
- Printing on case: LITE3-HP VC

Max. output/Max. gain

137/78

Description

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

Options

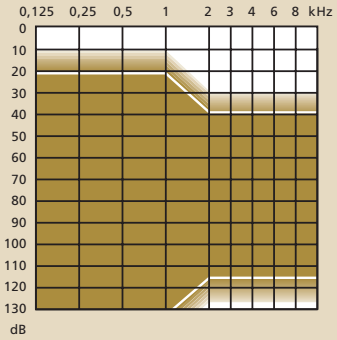
Accessories

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

Homologation Approval Germany

DHI-No. 2067

- **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)

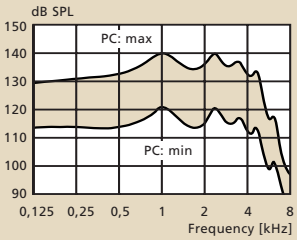


Technical Specifications

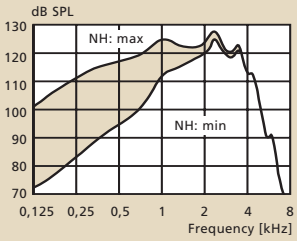
Ear Simulator	Maximum output [dB SPL]	2 cc Coupler
	input: 90 dB SPL	
142 135	Peak 1600 Hz	137 126
	Gain [dB]	
	input: 50 dB SPL	
81 71	Peak 1600 Hz	78 64
	Frequency range [Hz]	
150 4.850	low frequency limit high frequency limit	125 4.500
	Total harmonic distortion [%]	
	input: 70 dB SPL typical/maximum	
5,5/9,5 1,6/4,5 1,8/4,9	500 Hz 800 Hz 1600 Hz	5,5/9,5 1,6/4,5 1,8/4,9
	Equivalent input noise [dB]	
	input: 40 dB SPL	
13/16	typical/maximum	13/16
	Battery Type	
675		675
	Battery current [mA]	
0,76/0,84	typical/maximum	0,76/0,84

Ear Simulator

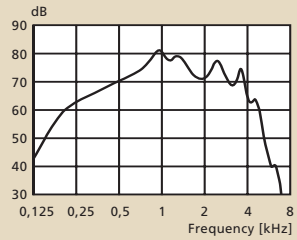
Max. Output OSPL 90



Reference Test Gain

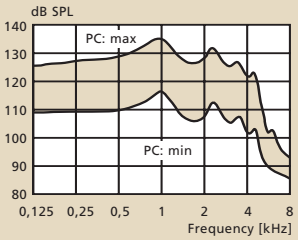


Maximum Acoustic Gain

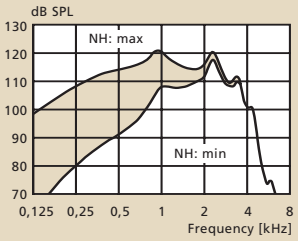


2 cc Coupler

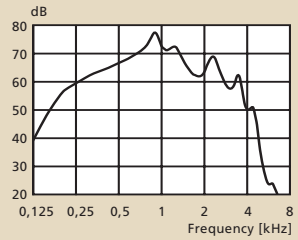
Max. Output OSPL 90



Reference Test Gain



Maximum Acoustic Gain



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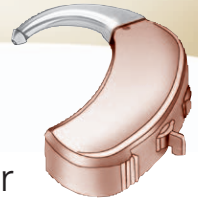


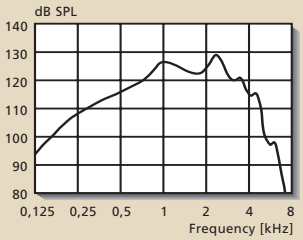
starLITE 3 VC HighPower

Technical Specifications

Ear Simulator	Max. telecoil sensitivity [dB SPL]	2 cc Coupler
	input: 10 mA/m	
	typical/minimum	
130/126	Peak	124/120
118/114	1600 Hz	110/106
	Total harmonic distortion of telecoil [%]	
	input: 100 mA/m	
	typical/maximum	
8,3/9,8	500 Hz	8,3/9,8
2,7/5,5	800 Hz	2,7/5,5
6,6/7,8	1600 Hz	6,6/7,8
	Sensivity of audio input [mV]	
1,4		1,4

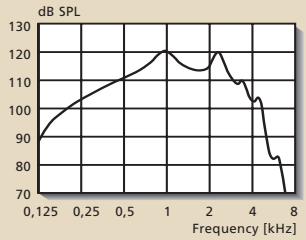
Ear Simulator

Reference Test Gain of Telecoil



2 cc Coupler

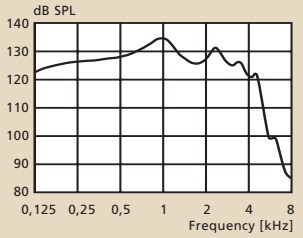
Reference Test Gain of Telecoil



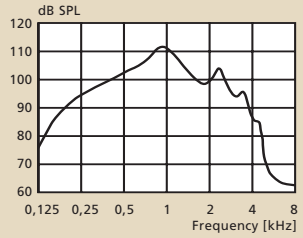
Technical Specifications (ANSI-Standard)

Maximum SSPL 90 [dB SPL]	136
HF-Average SSPL 90 [dB SPL]	129
HF-Average Full-on Gain [dB]	54
Reference Test Gain [dB]	52
Frequency range [Hz]	
low frequency limit	160
high frequency limit	4.000
Total harmonic distortion [%]	
typical/maximum	
500 Hz	5,9/9,5
800 Hz	2,7/5,6
1600 Hz	2,6/5,7
Equivalent input noise [dB]	
typical/maximum	11/14
Telecoil HFA-SPLITS [dB SPL]	
input: 1,5 mA/m	
typical/maximum	106/100
Battery Type	
	675
Battery current [mA]	
typical/maximum	1,37/1,64

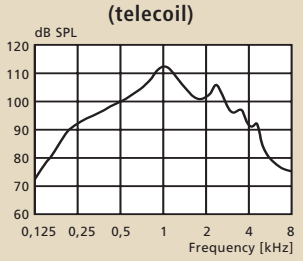
Max. Output SSPL 90



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.

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