

starLITE3 VC

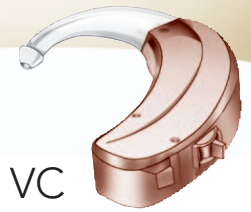
Brief Description	
<ul style="list-style-type: none"> Fully digital two channel mini-BTE Suitable for light to severe hearing losses (even with recruitment) Two channel signal processing (frequency shape and dynamics) Automatic internal Noise Reduction (MNR) Distortion free reproduction even at high 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 VC 	<p>Max. output/Max. gain 127/66</p> <p>Description</p> <p>Fitting: Digital trimmers Channels (G / AGC): 2 / 2 No. of programs: 1 No. of microphones: 1 VC: yes Audio input: yes</p> <p>Options</p> <p>Accessories HADEO care range, VC cover cap, mini-elbow, eyeglass-adaptor, audio-adaptor</p> <p>Homologation Approval Germany DHI-No. 2066</p> <p>Applicable standards Ear simulator measurement: EN 60118-0 2 cc coupler measurement: EN 60118-7 ANSI-Standard (S3.22-1996)</p> <p>Measuring settings If not mentioned differently in the individual diagrams, the following adjustments are effective: Trimmer settings: max (ANSI: AGC = min)</p>

Technical Specifications		
Ear Simulator	Maximum output [dB SPL] input: 90 dB SPL Peak 1600 Hz	2 cc Coupler 127 124
	Gain [dB] input: 50 dB SPL Peak 1600 Hz	66 63
	Frequency range [Hz] low frequency limit high frequency limit	200 5.500
	Total harmonic distortion [%] input: 70 dB SPL typical/maximum 500 Hz 800 Hz 1600 Hz	4,9/5,9 2,9/4,5 0,9/3,5 4,9/5,9 2,9/4,5 0,9/3,5
	Equivalent input noise [dB] input: 40 dB SPL typical/maximum	13/16
	Battery Type	13
	Battery current [mA] typical/maximum	0,76/0,84

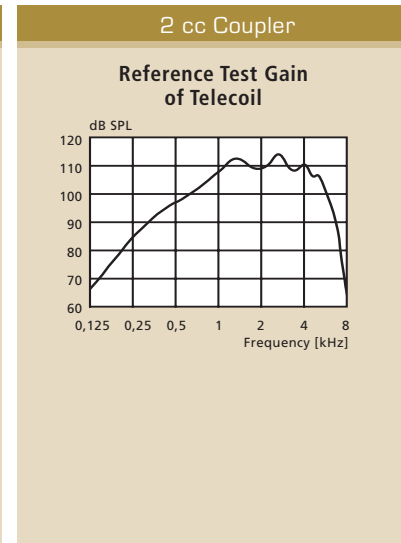
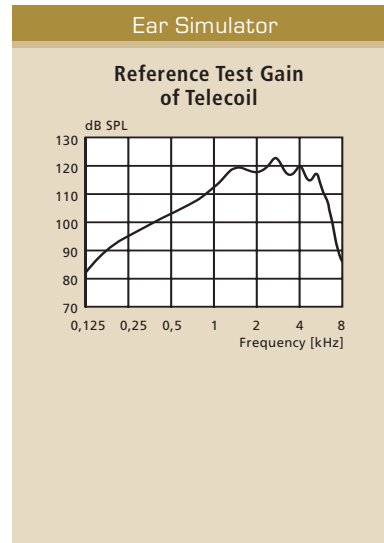
Ear Simulator
<p>Max. Output OSPL 90</p> <p>Reference Test Gain</p> <p>Maximum Acoustic Gain</p>

2 cc Coupler
<p>Max. Output OSPL 90</p> <p>Reference Test Gain</p> <p>Maximum Acoustic Gain</p>

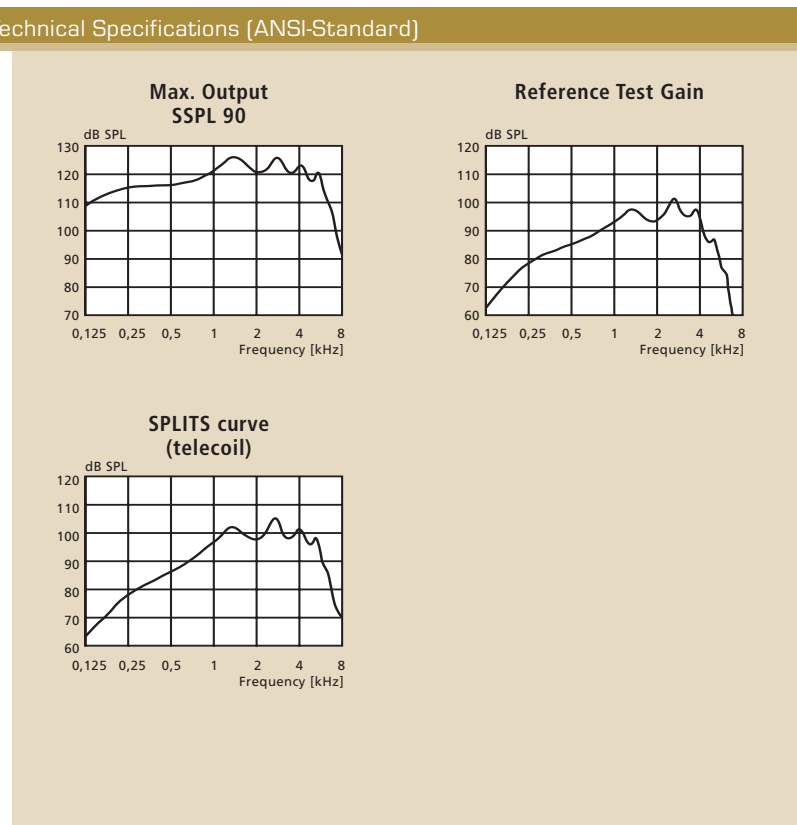
00804-SP


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Technical Specifications		
Ear Simulator	Max. telecoil sensitivity [dB SPL]	2 cc Coupler
127/123 119/115	input: 10 mA/m typical/minimum Peak 1600 Hz	115/111 111/107
Total harmonic distortion of telecoil [%]		
5,8/ 7,5 4,8/ 6,5 3,5/ 5,9	input: 100 mA/m typical/maximum 500 Hz 800 Hz 1600 Hz	5,8/ 7,5 4,8/ 6,5 3,5/ 5,9
Sensitivity of audio input [mV]		
1,4		1,4



Technical Specifications (ANSI-Standard)	
Maximum SSPL 90 [dB SPL]	127
HF-Average SSPL 90 [dB SPL]	121
HF-Average Full-on Gain [dB]	46
Reference Test Gain [dB]	44
Frequency range [Hz]	
low frequency limit	250
high frequency limit	5.600
Total harmonic distortion [%]	
typical/maximum	
500 Hz	4,5/5,7
800 Hz	2,7/4,5
1600 Hz	0,9/3,5
Equivalent input noise [dB]	
typical/maximum	13/16
Telecoil HFA-SPLITS [dB SPL]	
input: 1,5 mA/m	
typical/maximum	98/92
Battery Type	
	13
Battery current [mA]	
typical/maximum	0,70/0,84


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.