

Exélia Art

Exélia Art SP

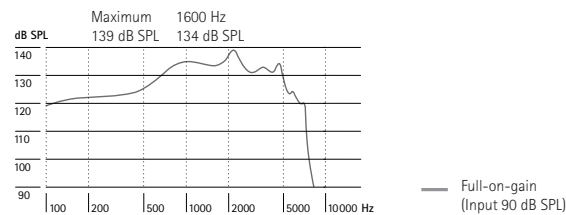
Technical Data



Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

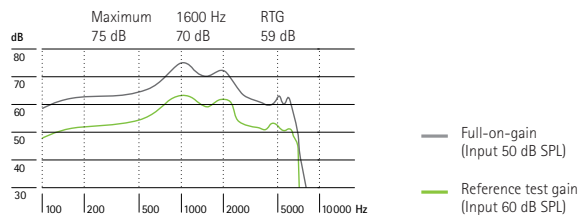


Compact super power BTE, battery size 13 (for fitting range, product details, and available options, please see "Exélia Art Product Information" or visit www.phonak.com).

Warning to hearing care professionals:

This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

Acoustic gain

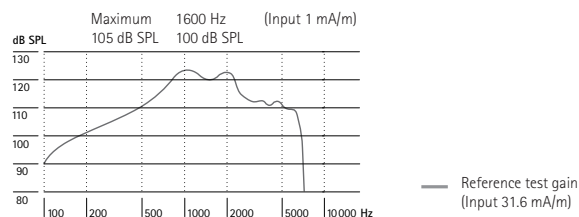


Unless otherwise specified, all data obtained are measured with the hook type HE7 680 and iPFM measurement settings.

Note: Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not reflect the actual performance with naturally occurring broadband input signals.

Frequency range	<100 Hz - 6800 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	4.0%	3.0%	2.0%
Battery current	Quiescent	Working	
	1.1 mA	1.3 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



Dynamic data

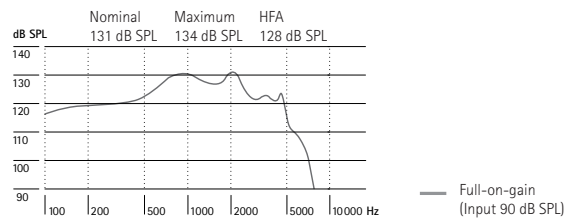
Compression	Attack time	Recovery time
	1 ms	50 ms

PHONAK life is on

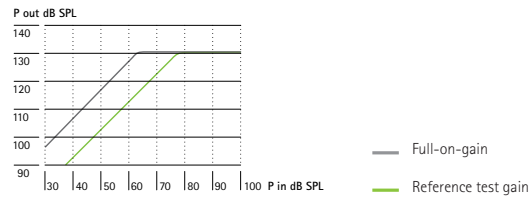
2cm³ coupler data

ANSI S3.22-2003

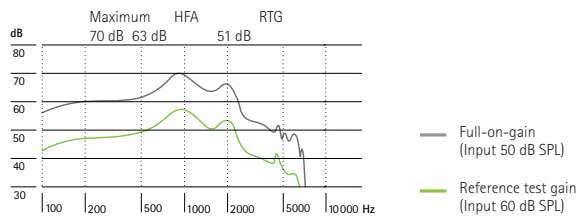
Output sound pressure level



Input / Output characteristics at 2000 Hz

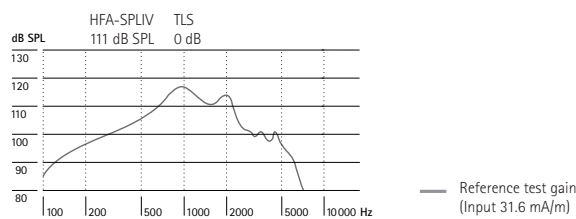


Acoustic gain



Frequency range	<100 Hz – 6500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	3.0%	2.0%	1.0%
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms