



## Technical Data

# Phonak Ambra

## Phonak Ambra SP

Compact SuperPower BTE, battery size 13 (for fitting range, product details and available options, please see Product Information or visit [www.phonakpro.com](http://www.phonakpro.com)).

Warning to hearing care professionals:

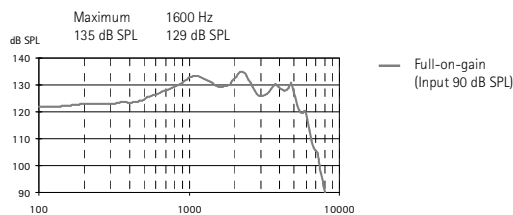
This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

Unless otherwise specified, all data obtained are measured with the hook type HE10 680 and Phonak Target measurement settings.

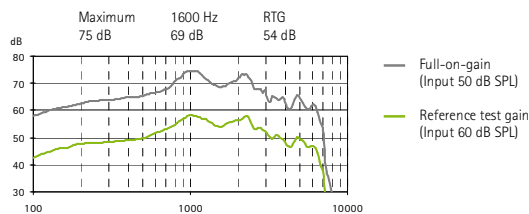
### Ear simulator data

EN / IEC 60118 and IEC 60711

#### Output sound pressure level

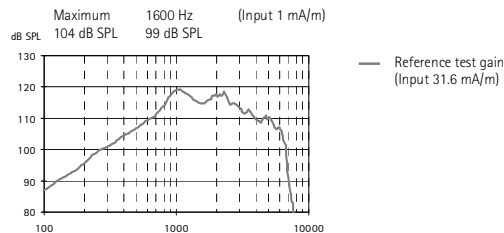


#### Acoustic gain



Frequency range	<100 Hz - 6800 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	4%	2.5%	1.5%
Battery current	Quiescent Working		
	1.1 mA	1.3 mA	
Equivalent input noise level	19 dB SPL		

#### Induction coil sensitivity



#### Dynamic data

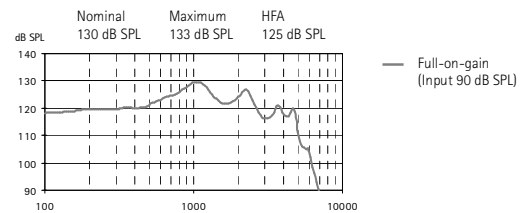
Compression	Attack time	Recovery time
	1 ms	50 ms

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 effect the actual performance with naturally occurring broadband input signals.

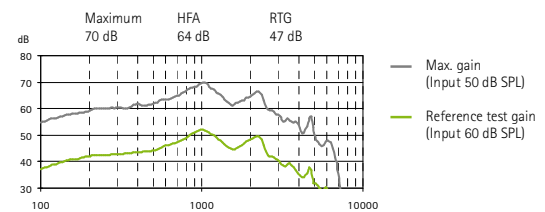
### 2cm<sup>3</sup> coupler data

ANSI S3.22-2003

#### Output sound pressure level

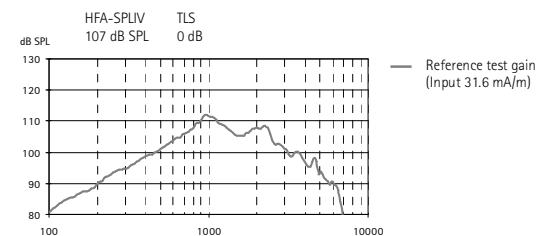


#### Acoustic gain



Frequency range	<100 Hz - 6500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	3%	1.5%	1%
Equivalent input noise level	19 dB SPL		

#### Induction coil sensitivity



#### Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms

#### Input / Output characteristics at 2000 Hz

