



Compact power BTE with battery size 13 and digital SurroundZoom

## Ear simulator data

EN / IEC 60118 and IEC 60711

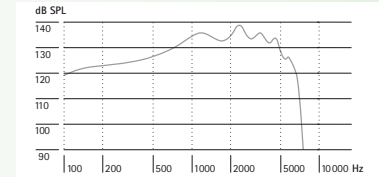
### Output sound pressure level

(Input 90 dB SPL)

Maximum	1600 Hz
139 dB SPL	133 dB SPL

### Frequency response

— Max. gain  
(Input 90 dB SPL)



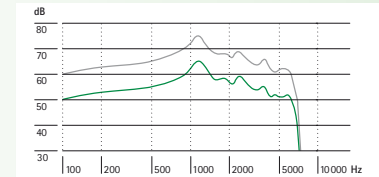
### Acoustic gain

(Input 50 dB SPL)

Maximum	1600 Hz	RTG
75 dB	68 dB	58 dB

### Frequency response

— Max. gain  
(Input 50 dB SPL)  
— Reference test gain  
(Input 60 dB SPL)



Frequency range (DIN 45605) <100 – 6800 Hz

Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	5%	4%	1%

Battery current	Quiescent	Working
	1.0 mA	1.1 mA

Equivalent input noise level 19 dB SPL

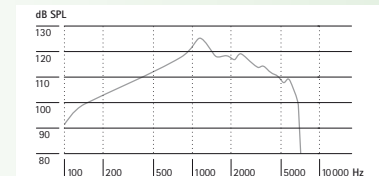
### Induction coil sensitivity

(Input 1 mA/m)

Maximum	1600 Hz
105 dB SPL	98 dB SPL

### Frequency response

— Reference test gain  
(Input 31.6 mA/m)



### Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms

#### Warning to dispenser:

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 HE7 680 and in linear measurement setting mode.

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

Measurements were taken in August 2006 and are subject to change without notice.

# Savia Art™ 411 dSZ

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

ANSI S3.22-1996

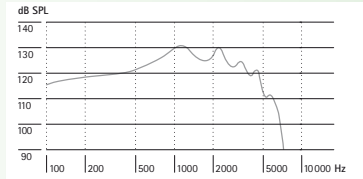
### Output sound pressure level

(Input 90 dB SPL)

Maximum	HFA
131 dB SPL < 134 dB SPL	127 dB SPL

### Frequency response

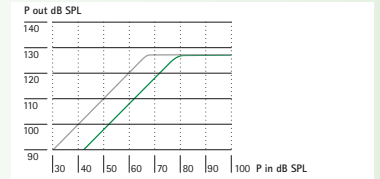
— Full-on-gain  
(Input 90 dB SPL)



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

### Input / Output characteristics at 2000 Hz

— Full-on-gain  
— Reference test gain



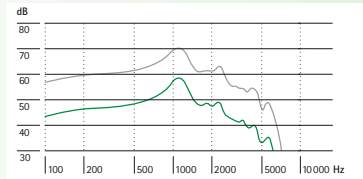
### Acoustic gain

(Input 50 dB SPL)

Maximum	HFA	RTG
70 dB	62 dB	50 dB

### Frequency response

— Full-on-gain  
(Input 50 dB SPL)  
— Reference test gain  
(Input 60 dB SPL)



Frequency range < 100 – 6200 Hz

Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	3 % < 6 %	2 % < 5 %	1 % < 4 %

Battery current	Quiescent	Working
	1.0 mA	1.1 mA < 1.3 mA

Equivalent input noise level 19 dB SPL < 22 dB SPL

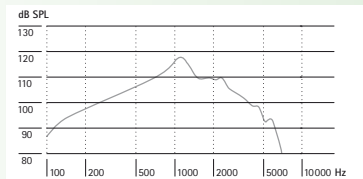
### Induction coil sensitivity

(Input 31.6 mA/m)

HFA – SPLIV	TLS
110 dB SPL	0 dB

### Frequency response

— Reference test gain  
(Input 31.6 mA/m)



### Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms