



Miniature BTE with battery size 13 and AudioZoom

## Ear simulator data

EN / IEC 60118 and IEC 60711

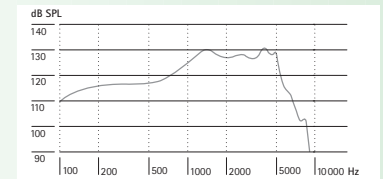
### Output sound pressure level

(Input 90 dB SPL)

Maximum	1600 Hz
131 dB SPL	129 dB SPL

### Frequency response

— Max. gain  
(Input 90 dB SPL)



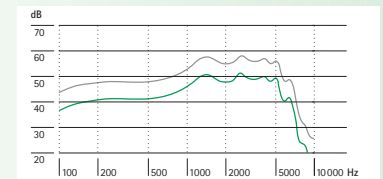
### Acoustic gain

(Input 50 dB SPL)

Maximum	1600 Hz	RTG (FOG - 7 dB)
58 dB	57 dB	50 dB

### Frequency response

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



Frequency range (DIN 45605) < 100 – 7000 Hz

Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	2%	1%	1%

Battery current	Quiescent	Working
	0.8mA	0.9mA

Equivalent input noise level 19 dB SPL

Unless otherwise specified, all data obtained are measured with the hook type HE7 680 and in the dSC mode.

Measurements were taken in July 2005 and are subject to change without notice.

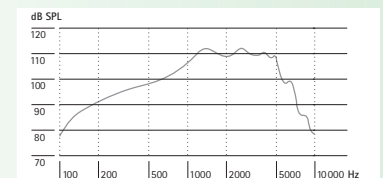
### Induction coil sensitivity

(Input 1 mA/m)

Maximum	1600 Hz
89 dB SPL	88 dB SPL

### Frequency response

— Reference test gain  
(Input 31.6mA/m)



### Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms

# eXtra™ 211 AZ

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

ANSI S3.22-1996

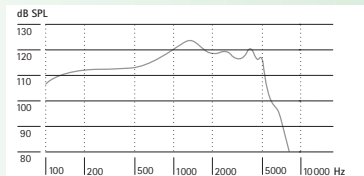
### Output sound pressure level

(Input 90 dB SPL)

Maximum	HFA
125 dB SPL < 128 dB SPL	120 dB SPL

### Frequency response

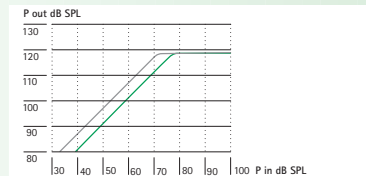
— Full-on-gain  
(Input 90 dB SPL)



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

### Input / Output characteristics at 2000 Hz

— Full-on-gain  
— Reference test gain



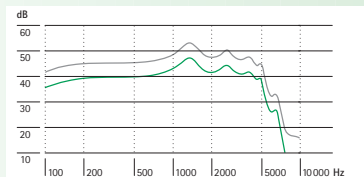
### Acoustic gain

(Input 50 dB SPL)

Maximum	HFA	RTG
53 dB	49 dB	43 dB

### Frequency response

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



Frequency range < 100 – 6800 Hz

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

Battery current	Quiescent	Working
	0.8 mA	0.9 mA < 1.1 mA

Equivalent input noise level 19 dB SPL < 22 dB SPL

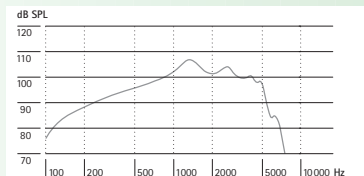
### Induction coil sensitivity

(Input 31.6 mA/m)

HFA – SPLIV	TLS
103 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