



MicroBTE with battery size 312 and AudioZoom

## Ear simulator data

EN / IEC 60118 and IEC 60711

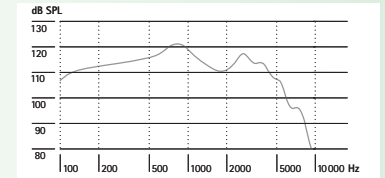
### Output sound pressure level

(Input 90 dB SPL)

Maximum	1600 Hz
122 dB SPL	112 dB SPL

### Frequency response

— FOG setting  
(Input 90 dB SPL)



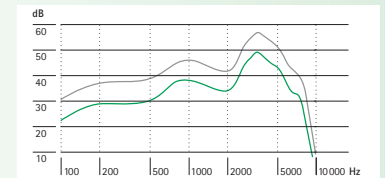
### Acoustic gain

(Input 50 dB SPL)

Maximum	1600 Hz	RTG (FOG - 7 dB)
58 dB	43 dB	36 dB

### Frequency response

— FOG setting  
(Input 50 dB SPL)  
— RTG setting  
(Input 60 dB SPL)  
(FOG - 7 dB)



Frequency range (DIN 45605) < 100 – 8400 Hz

Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	0.5%	1.0%	1.5%

Battery current	Quiescent	Working
	0.9 mA	0.9 mA

Equivalent input noise level 19 dB SPL

### Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms

### Measuring micro eXtra 100 AZ

Unless otherwise specified, all data obtained are measured in a closed configuration with a straight measurement micro tube (Art. No. 004-1393) and a coupling disc (Art. No. 002-0412) onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded-ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the iPFG measurement settings. For further information refer to the Fit'nGo micro Kit instructions.

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

# micro eXtra™ 100 AZ

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

ANSI S3.22-1996

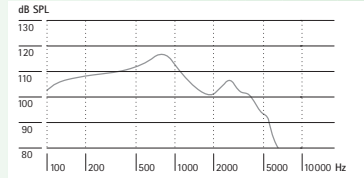
### Output sound pressure level

(Input 90 dB SPL)

Maximum	HFA
117 dB SPL	107 dB SPL

### Frequency response

— FOG setting  
(Input 90 dB SPL)

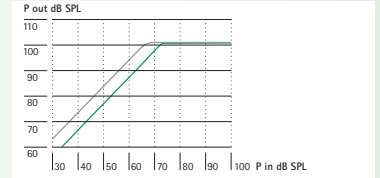


## 2 cm<sup>3</sup> coupler data

### Input / Output characteristics at 2000 Hz

— FOG setting

— RTG setting



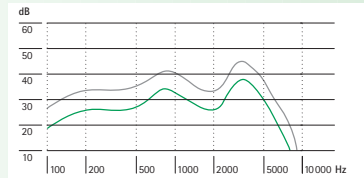
### Acoustic gain

(Input 50 dB SPL)

Maximum	HFA	RTG
45 dB	37 dB	30 dB

### Frequency response

— FOG setting  
(Input 50 dB SPL)  
— RTG setting  
(Input 60 dB SPL)



Frequency range	<100 – 7900 Hz		
Total harmonic distortion	500 Hz 0.5%	800 Hz 1.0%	1600 Hz 1.5%
Battery current	Quiescent 0.9 mA	Working 0.9 mA	
Equivalent input noise level	19 dB SPL		

### Dynamic data

Compression	Attack time 1 ms	Recovery time 10 ms
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