



MicroBTE with battery size 312 (Optional 10), digital SurroundZoom and optional tone hook.

Ear simulator data

EN / IEC 60118 and IEC 60711

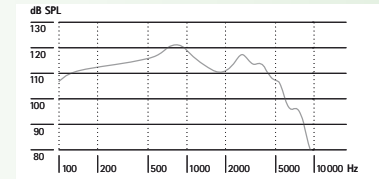
Output sound pressure level

(Input 90 dB SPL)

Maximum	1600 Hz
122 dB SPL	112 dB SPL

Frequency response

— Max. gain
(Input 90 dB SPL)



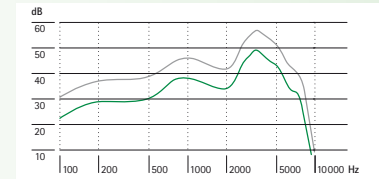
Acoustic gain

(Input 50 dB SPL)

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

Frequency response

— Max. gain
(Input 50 dB SPL)
— Reference test gain
(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
	1.0 mA	1.0 mA

Equivalent input noise level 19 dB SPL

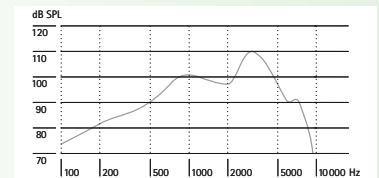
Induction coil sensitivity

(Input 1 mA/m)

Maximum	1600 Hz
88 dB SPL	75 dB SPL

Frequency response

— Reference test gain
(Input 31.6 mA/m)



Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms

Measuring microSavia Art 100 dSZ

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.

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.

2 cm³ coupler data

ANSI S3.22-1996

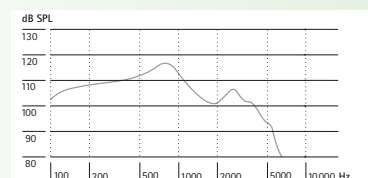
Output sound pressure level

(Input 90 dB SPL)

Maximum	HFA
117 dB SPL < 120 dB SPL	107 dB SPL

Frequency response

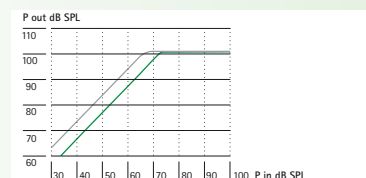
— Full-on-gain
 (Input 90 dB SPL)



2 cm³ coupler data

Input / Output characteristics at 2000 Hz

— Full-on-gain
 — Reference test gain



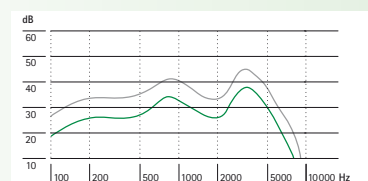
Acoustic gain

(Input 50 dB SPL)

Maximum	HFA	RTG
45 dB	37 dB	30 dB

Frequency response

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



Frequency range	<100 – 7900 Hz		
Total harmonic distortion	500 Hz 0.5% < 3.5%	800 Hz 1.0% < 4.0%	1600 Hz 1.5% < 4.5%
Battery current	Quiescent 1.0 mA	Working 1.0 mA < 1.2 mA	
Equivalent input noise level	19 dB SPL < 22 dB SPL		

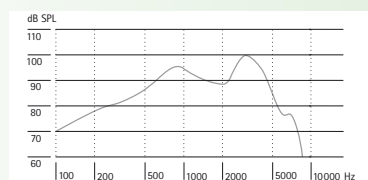
Induction coil sensitivity

(Input 31.6 mA/m)

HFA – SPLIV	TLS
93 dB SPL	3 dB SPL

Frequency response

Reference test gain
 (Input 31.6 mA/m)



Dynamic data

Compression	Attack time 1 ms	Recovery time 10 ms
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