



microPower BTE with battery size 312, external receiver and adaptive digital AudioZoom

Ear simulator data

EN / IEC 60118 and IEC 60711

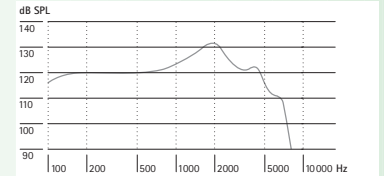
Output sound pressure level

(Input 90 dB SPL)

Maximum	1600 Hz
132 dB SPL	130 dB SPL

Frequency response

— FOG setting
(Input 90 dB SPL)



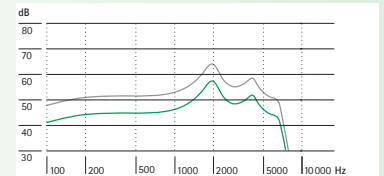
Acoustic gain

(Input 50 dB SPL)

Maximum	1600 Hz	RTG (FOG - 7 dB)
64 dB	60 dB	53 dB

Frequency response

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



Frequency range (DIN 45605) <100 – 7000 Hz

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

Battery current	Quiescent	Working
	1.0 mA	1.1 mA

Equivalent input noise level 19 dB SPL

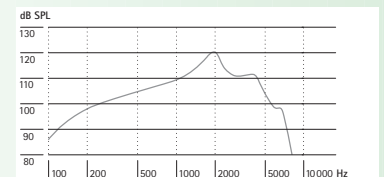
Induction coil sensitivity

(Input 1 mA/m)

Maximum	1600 Hz
97 dB SPL	93 dB SPL

Frequency response

— RTG setting
(Input 31.6 mA/m)



Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms

Unless otherwise specified, all data obtained are measured with a 7 mm tubing 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 linear measurement settings.

GB 0206 Data subject to change without notice

microPower™ V 300 dAZ

2 cm³ coupler data

ANSI S3.22-1996

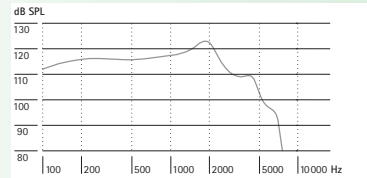
Output sound pressure level

(Input 90 dB SPL)

Maximum	HFA
123 dB SPL	118 dB SPL

Frequency response

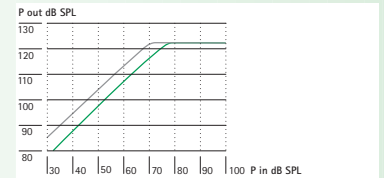
— FOG setting
(Input 90 dB SPL)



2 cm³ coupler data

Input / Output characteristics at 2000 Hz

— FOG setting
— RTG setting



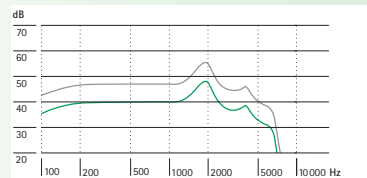
Acoustic gain

(Input 50 dB SPL)

Maximum	HFA	RTG
55 dB	48 dB	41 dB

Frequency response

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



Frequency range	<100 – 6900 Hz		
Total harmonic distortion	500 Hz 1.5 %	800 Hz 1 %	1600 Hz 0.5 %
Battery current	Quiescent 1.0 mA	Working 1.1 mA	
Equivalent input noise level	19 dB SPL		

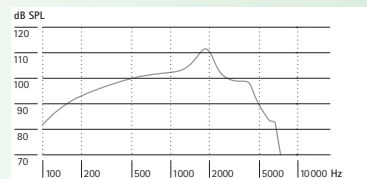
Induction coil sensitivity

(Input 31.6 mA/m)

HFA – SPLIV	TLS
104 dB SPL	3 dB

Frequency response

— RTG setting
(Input 31.6 mA/m)



Dynamic data

Compression	Attack time 1 ms	Recovery time 6 ms
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