

Full shell with battery size 13 and adaptive digital AudioZoom

Ear simulator data

EN / IEC 60118 and IEC 60711

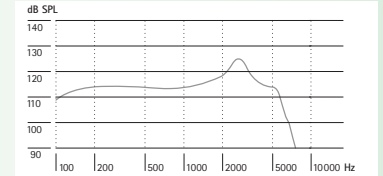
Output sound pressure level

(Input 90 dB SPL)

Maximum	1600 Hz
125 dB SPL	116 dB SPL

Frequency response

— Max. gain
(Input 90 dB SPL)



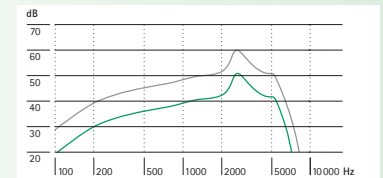
Acoustic gain

(Input 50 dB SPL)

Maximum	1600 Hz	RTG
60 dB	50 dB	41 dB

Frequency response

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



Frequency range (DIN 45605)	150–6500 Hz		
Total harmonic distortion	500 Hz 2,0%	800 Hz 1,5%	1600 Hz 1,5%
Battery current	Quiescent 1,0 mA	Working 1,1 mA	
Equivalent input noise level	19 dB SPL		

Unless otherwise specified, all data obtained are measured with a 6 mm tubing in the dSC mode.

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

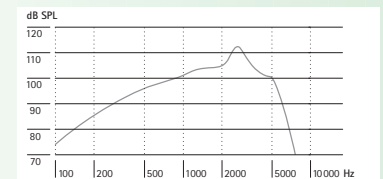
Induction coil sensitivity

(Input 1 mA/m)

Maximum	1600 Hz
93 dB SPL	83 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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Eleva™ 33 FS dAZ

2 cm³ coupler data

ANSI S3.22-1996

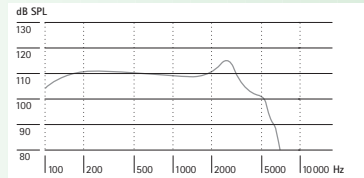
Output sound pressure level

(Input 90 dB SPL)

Maximum	HFA
115 dB SPL < 118 dB SPL	111 dB SPL

Frequency response

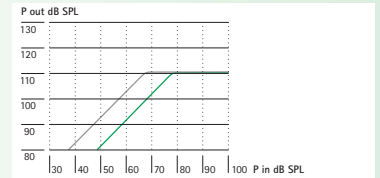
— Full-on-gain
(Input 90 dB SPL)



2 cm³ coupler data

Input / Output characteristics at 2000 Hz

— Full-on-gain
— Reference test gain



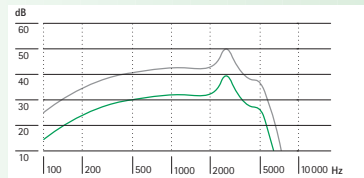
Acoustic gain

(Input 50 dB SPL)

Maximum	HFA	RTG
50 dB	44 dB	34 dB

Frequency response

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



Frequency range < 100–6400 Hz

Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1,5% < 4,5%	1,0% < 4,0%	1,0% < 4,0%

Battery current	Quiescent	Working
	1,0 mA	1,1 mA < 1,3 mA

Equivalent input noise level 19 dB SPL < 22 dB SPL

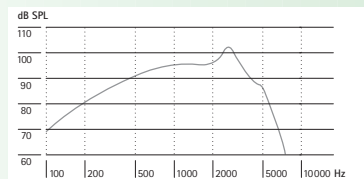
Induction coil sensitivity

(Input 31.6 mA/m)

HFA – SPLIV	TLS
97 dB SPL	+3 dB

Frequency response

— Reference test gain
(Input 31.6 mA/m)



Dynamic data

Compression	Attack time	Recovery time
	1 ms	10 ms