

OK!

OK! UP

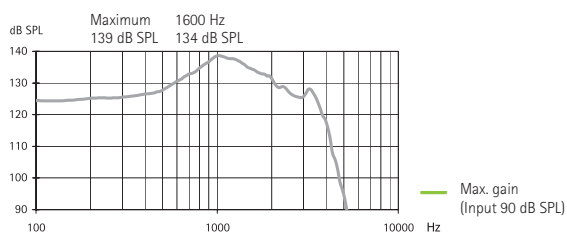
Technical Data



Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

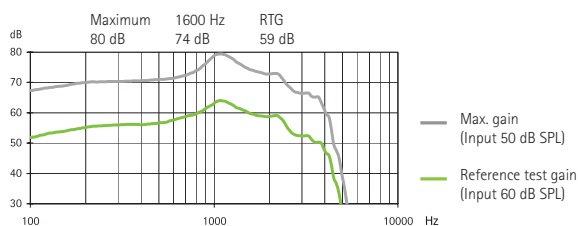


UltraPower BTE with battery size 675 and omnidirectional microphone.

Warning to hearing care professionals:

This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

Acoustic gain



Unless otherwise specified, all data obtained are measured with the hook type HE7.

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 narrowband input signal and does not reflect the actual performance with naturally occurring broadband input signals.

Frequency range	<100 Hz – 4300 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	5.0%	4.0%	2.0%
Battery current	Quiescent	Working	
	1.1 mA	1.3 mA	
Equivalent input noise level	20 dB SPL		

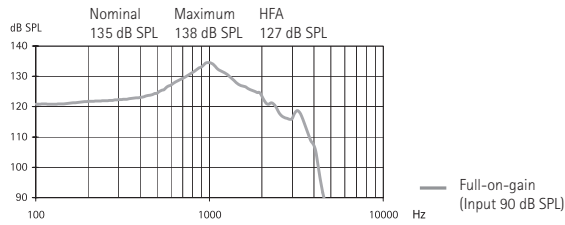
Dynamic data

Compression	Attack time	Recovery time
	1 ms	25 ms

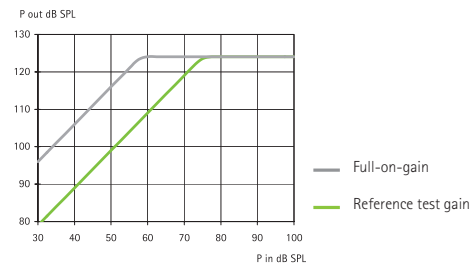
2cm³ coupler data

ANSI S3.22-1996

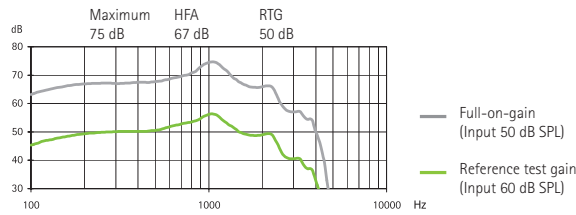
Output sound pressure level



Input / Output characteristics at 2000 Hz



Acoustic gain



Frequency range	< 100 Hz – 4100 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	3.0%	2.0%	1.0%
Equivalent input noise level	22 dB SPL		

Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms