

Magnum Ear

Low gain recreational ear plug device for use by people with normal hearing.



Feature Summary:

18 dB Noise Reduction Rating

Available in custom CE style

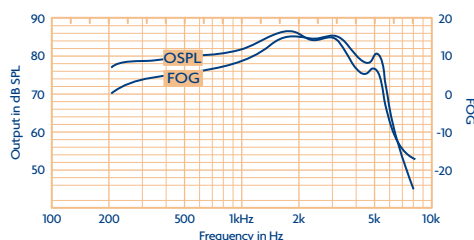
Volume Control

Toggle Switch to increase output by 8 dB.

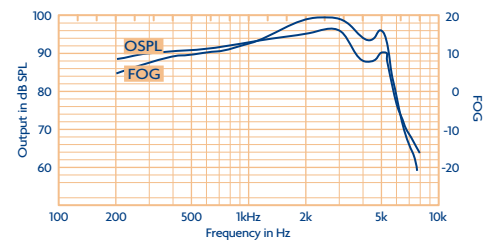


Magnum Ear CE

	ANSI	IEC
Peak OSPL90 (dB)	86	96
HFA/ RTF OSPL90 (dB)	84	96
Peak Gain (dB)	15	25
HFA/ RTF Full On Gain (dB)	11	22
Frequency Range (Hz)	200-6000	NA
Ref. Test Frequency (kHz)	1.0, 1.6, 2.5	1.6
Ref. Test Gain (dB)	7	15
Harmonic Distortion		
500 Hz	<8%	<8%
800 Hz	<8%	<8%
1600 Hz	<8%	<8%
Equivalent Input Noise (dB)	<35 dB	<35 dB
(55-90 ANSI) (55-80 IEC low level)		
Attack Time (ms)	NA	NA
Release Time 0.1-s	NA	NA
Release Time 2.0-s	NA	NA
Induction Coil Sensitivity		
HFA SPLITS (ANSI 96) (dB SPL)	NA	NA
MASL (IEC 118-1) (dB SPL)	NA	NA
Battery Current (mA)		
Idle (mA)	.09	.09
Estimated Battery Life for 16 hour day		
13 Zinc Air (days)	60	60



OSPL90 and FOG curves for the Magnum Ear CE matrix 86/15/10.



OSPL90 and FOG curves for the Magnum Ear CE matrix 86/15/10 with the toggle switch activated.

Measurement Conditions

The data for the Magnum Ear are obtained and performance is expressed according to ANSI S3.22 (1996), *Specifications for Hearing Aid Characteristics*. The data in the table are also measured according to IEC 118-7. The Starkey proprietary Real Time Analyzer comprises the basic test equipment. Data may be subject to change with product refinements.



