

Magnum Ear Digital

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
- Indicator Tone for low battery

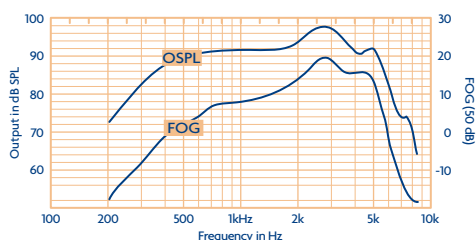
Options:

- Telecoil available and activated via a switch
- Telecoil with microphone available and activated via a switch

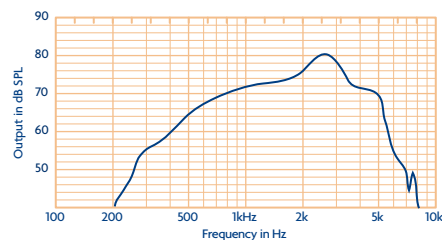


Magnum Ear Digital CE

	ANSI	IEC
Peak OSPL 90 (dB)	97	109
HFA/ RTF OSPL 90 (dB)	94	103
Peak Gain (dB)	20	33
HFA/ RTF Full On Gain (dB)	14	22
Frequency Range (Hz)	400 – 6000	NA
Ref. Test Frequency (kHz)	1.0, 1.6, 2.5	1.6
Ref. Test Gain (dB)	14	15
Harmonic Distortion		
500 Hz	<3%	<3%
800 Hz	<3%	<3%
1600 Hz	<3%	<3%
Equivalent Input Noise (dB)	<28	<28
(55-90 ANSI) (55-80 IEC low level)		
Attack Time (ms)	100	5
Release Time 0.1-s (ms)	100	5
Release Time 2.0-s (ms)	100	5
Induction Coil Sensitivity		
HFA SPLITS (ANSI 96) (dB SPL)	78	N/A
MASL (IEC I18-1) (dB SPL)	N/A	53
Battery Current (mA)		
Idle (mA)	.78	.80
	.78	.78
Estimated Battery Life for 16 hour day		
13 Zinc Air (days)	23	23



OSPL90 and FOG curves for the Magnum Ear Digital CE matrix 97/20/15.



TELECOIL: Induction Coil Sensitivity at Full On Gain for the Magnum Ear Digital CE matrix 97/20/15. Data obtained in RMS magnetic field strength of 31.6 mA/meter.

Measurement Conditions

The data for the Magnum Ear Digital 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 I18-7. The Starkey proprietary Real Time Analyzer comprises the basic test equipment. Data may be subject to change with product refinements.



