

TECHNICAL DATA

CIC/MIC, ITC/HS, HS/LP



Measurements according to American National Standard ANSI S 3.22 (2003) and S3.7 (1995).

Supply voltage:
Battery Zinc Air 1.4 Volt
Tubing:

- ID 2 mm
- Length 4 mm (CIC/MIC)
- Length 5 mm (ITC)
- Length 5 mm (HS-LP/FS)

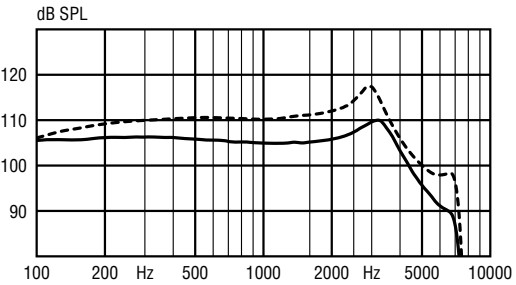
Protection system: NoWax

0 dB SPL ref. 20 μ Pa	CIC/MIC	CIC/MIC Power	ITC	ITC/HS Power OMNI	ITC/HS Power DIR	HS/LP
Peak OSPL90	110 dB SPL	118 dB SPL	113 dB SPL	119 dB SPL	120 dB SPL	113 dB SPL
HF Average OSPL90	105 dB SPL	112 dB SPL	107 dB SPL	115 dB SPL	115 dB SPL	107 dB SPL
Peak Full-on Gain	37 dB	50 dB	41 dB	54 dB	54 dB	46 dB
HF Average Full-on Gain	33 dB	45 dB	37 dB	49 dB	49 dB	41 dB
HF Average Reference Test Gain	28 dB	35 dB	30 dB	39 dB	39 dB	30 dB
Frequency Range	100-7000 Hz	100-7300 Hz	100-7200 Hz	100-7000 Hz	100-7000 Hz	100-7200 Hz
Total Harmonic Distortion 500 Hz	1.2 %	1.0 %	0.6 %	1.0 %	1.0 %	0.5 %
Total Harmonic Distortion 800 Hz	1.3 %	1.0 %	0.6 %	1.0 %	1.0 %	0.4 %
Total Harmonic Distortion 1600 Hz	1.2 %	2.0 %	0.6 %	1.0 %	0.5 %	0.4 %
Battery Current	0.8 mA	0.8 mA	1.2 mA	1.0 mA	1.1 mA	1.3 mA
Equivalent Input Noise Level (omni/dir)	19/- dB	19/- dB	17/26 dB	19/- dB	17/28 dB	17/25 dB
HF Average SPLITS (left/right ear)	-	-	87/87 dB SPL	95/95 dB SPL	95/95 dB SPL	87/87 dB SPL
Attack Time	2.0 ms	1.0 ms	2.0 ms	1.0 ms	1.0 ms	3.0 ms
Release Time	100 ms	92 ms	130 ms	117 ms	61 ms	100 ms

CIC/MIC

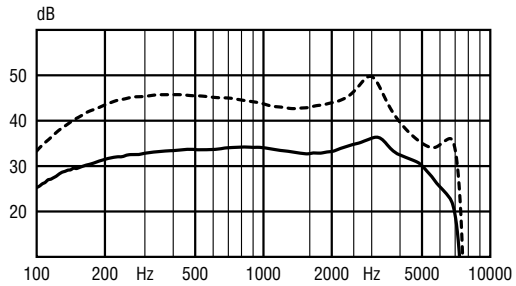
OSPL90 - Output Sound Pressure Level

Input: 90 dB SPL.
Technical setting: A0



Full-on Gain

Input: 50 dB SPL.
Technical setting: A0

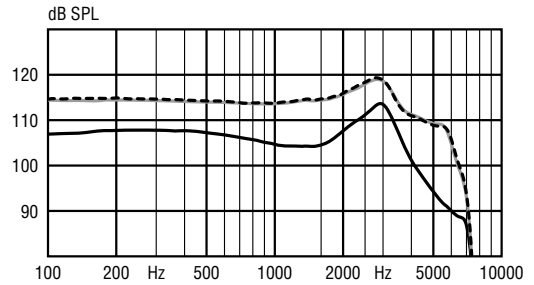


--- CIC/MIC Power
 — CIC/MIC Standard

ITC

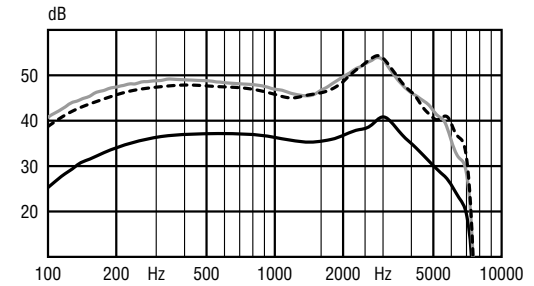
OSPL90 - Output Sound Pressure Level

Input: 90 dB SPL.
Technical setting: A0



Full-on Gain

Input: 50 dB SPL.
Technical setting: A0

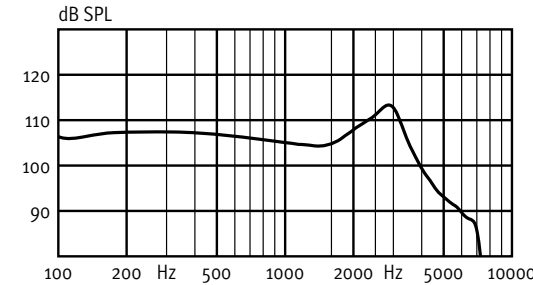


--- ITC/HS Power DIR
 — ITC/HS Power OMNI
 — ITC Standard

HS/LP

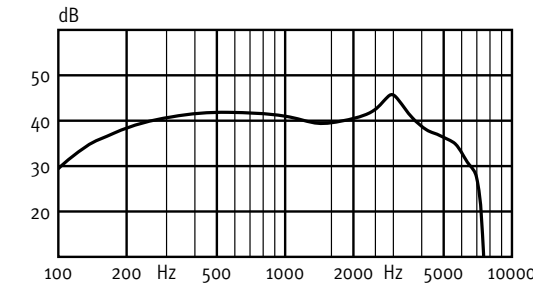
OSPL90 - Output Sound Pressure Level

Input: 90 dB SPL.
Technical setting: A0



Full-on Gain

Input: 50 dB SPL.
Technical setting: A0



www.oticonusa.com
104591US/07.10