

# CIC

completely-in-canal



**Matrices:** 110/40, 115/50

**Maximum Output:** Up to 30dB Reduction in 2dB Steps (range varies by channel)

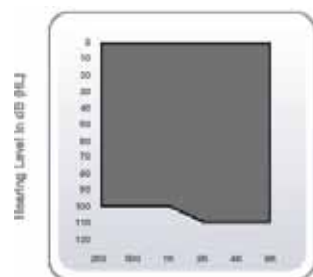
**Compression Threshold:** 24dB Range in 4dB Steps

**Compression Ratio:** 1:1-3:1 (range varies by channel)

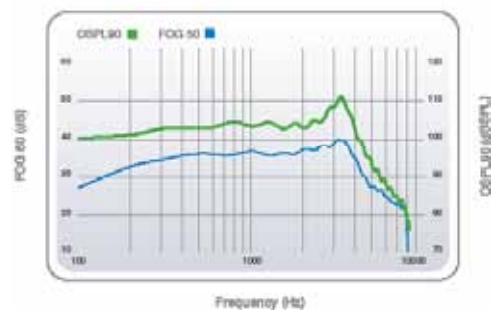
**Battery Size:** 10

## mobility<sup>™</sup> 40

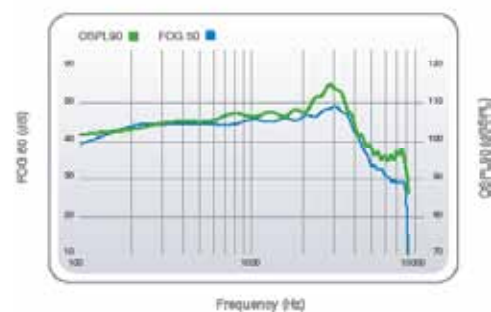
CIC 110/40		CIC 115/50		
ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	Measurement
110	119	115	124	Peak OSPL90 (dB SPL)
104	NA	110	NA	HFA OSPL90 (dB SPL)
NA	110	NA	115	RTF OSPL90 (dB SPL)
40	49	50	58	Peak Gain (dB)
35	NA	46	NA	HFA Full-On Gain (dB)
NA	43	NA	54	RTF Full-On Gain (dB)
100 - 7500	100 - 7600	100 - 7500	100 - 7600	<b>Frequency Range (Hz)</b>
NA	1.6	NA	1.6	Reference Test Frequency (kHz)
1.0, 1.6, 2.5	NA	1.0, 1.6, 2.5	NA	HFA Frequencies (kHz)
28	35	32	40	Reference Test Gain (dB)
				<b>Harmonic Distortion</b>
<3	<3	<3	<3	500 Hz (%)
<3	<3	<3	<3	800 Hz (%)
<3	<3	<3	<3	1600 Hz (%)
				<b>Attack and Release Time (ANSI/IEC) – Test Mode</b>
20	20	20	20	Attack Time (ms)
5-150	5-250	5-150	5-250	Release Time 0.1s (ms)
5-150	5-250	5-150	5-250	Release Time 2.0s (ms)
				<b>Induction Coil Sensitivity</b>
NA	NA	NA	NA	HFA SPLITS (ANSI) (dB SPL)
NA	NA	NA	NA	MASL (IEC) (dB SPL)
1.17	1.17	1.17	1.17	ANSI/IEC Battery Current (mA)
1.12	1.12	1.13	1.13	Idle Current (mA)
				<b>Estimated Battery Life for 16-Hour Day</b>
NA	NA	NA	NA	13 Zinc Air (days)
NA	NA	NA	NA	312 Zinc Air (days)
4-6	4-6	4-6	4-6	10 Zinc Air (days)



Mobility CIC fitting range.



OSPL90 (green) and Full-On Gain (blue) curves for the Mobility CIC at 110/40.



OSPL90 (green) and Full-On Gain (blue) curves for the Mobility CIC at 115/50.