



HS

half-shell

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: 312

mobility[™]

40

HS 110/40		HS 115/50	
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ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
110	119	115	124
105	NA	109	NA
NA	111	NA	116
40	49	50	58
36	NA	46	NA
NA	43	NA	53
100 - 7000	100 - 7200	100 - 6500	100 - 6800
NA	1.6	NA	1.6
1.0, 1.6, 2.5	NA	1.0, 1.6, 2.5	NA
28	36	32	41
<3	<3	<3	<3
<3	<3	<3	<3
<3	<3	<3	<3
20	20	20	20
5-150	5-250	5-150	5-250
5-150	5-250	5-150	5-250
89	NA	94	NA
NA	71	NA	82
1.22	1.22	1.22	1.22
1.15	1.15	1.15	1.15
NA	NA	NA	NA
8-9	8-9	8-9	8-9
NA	NA	NA	NA

Measurement

Peak OSPL90 (dB SPL)
 HFA OSPL90 (dB SPL)
 RTF OSPL90 (dB SPL)
 Peak Gain (dB)
 HFA Full-On Gain (dB)
 RTF Full-On Gain (dB)

Frequency Range (Hz)

Reference Test Frequency (kHz)
 HFA Frequencies (kHz)
 Reference Test Gain (dB)

Harmonic Distortion

500 Hz (%)
 800 Hz (%)
 1600 Hz (%)

Attack and Release Time (ANSI/IEC) – Test Mode

Attack Time (ms)
 Release Time 0.1s (ms)
 Release Time 2.0s (ms)

Induction Coil Sensitivity

HFA SPLITS (ANSI) (dB SPL)
 MASL (IEC) (dB SPL)

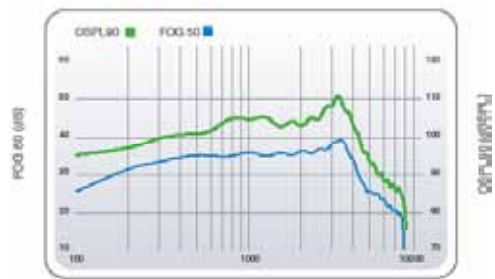
ANSI/IEC Battery Current (mA)
 Idle Current (mA)

Estimated Battery Life for 16-Hour Day

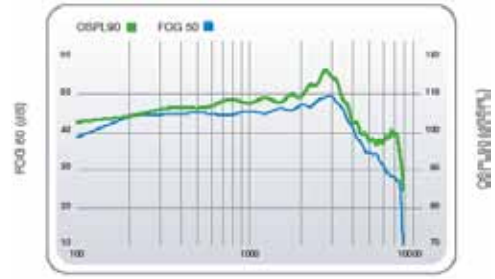
13 Zinc Air (days)
 312 Zinc Air (days)
 10 Zinc Air (days)



Mobility HS fitting range.



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



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