A13 MPT

Moderate power Linear Class B for mild to moderately severe losses.

Standard Features:

Continuously Variable Trimmers for output and tone control

High Performance Telecoil

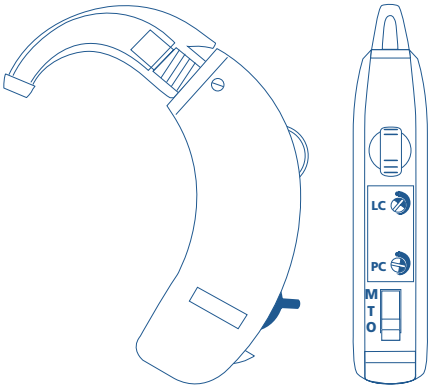
Standard 13 battery

Options:

Filtered Earhooks

Tamper Resistant battery door and volume control

Wide variety of case colors



Size	1.4" x .46" x .37" 37 x 11 x 9 mm
Weight	.14 oz. / 4 gm
Power Source	1.3 V type 13

Electrical and Acoustic Data:

	ANSI S 3.22 1987		IEC 118-0 1983	
	LC=CCW	LC=CW	LC=CCW	LC=CW
SSPL 90 (±4dB)				
Max dB	121	112	130	121
HFA dB	119	109	RTF: 127	116
Full On Gain (±5dB)				
Max dB	52	49	62	58
HFA dB	48	46	RTF: 56	54
Frequency Range Hz	200-5200			
Reference Test Frequency R.T.F.			1600	
Total Harmonic Distortion				
500 Hz % max	N/A	5	5	5
800 Hz % max	10	5	5	5
1600 Hz % max	5	5	5	5
Equivalent Input Noise dB max	25	25	25	25
Induction Coil Sensitivity (±6dB)				
10mA/m at 1 kHz	110	110		
1mA/m at RTF			86	86
Battery Current				
mA Quiescent	1.2	1.2	1.2	1.2
mA	1.2	1.2	1.2	1.2

Note: All data utilizes a standard earhook with 680 Ω (white) filter.

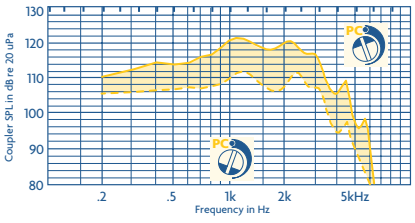
STARKEY

A13 MPT

Potentiometer Operation:

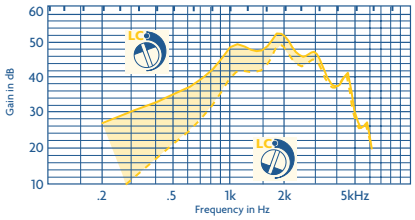
The potentiometers are located behind a protective panel below the volume control.

input: 90 dB SPL
LC: CCW
PC = CCW
PC = CW
volume control:
FULL ON



SSPL 90 and PC Control Rotation

input: 60 dB SPL
PC: CCW
LC = CCW
LC = CW
volume control:
FULL ON



Full On Gain and Low Frequency Reduction

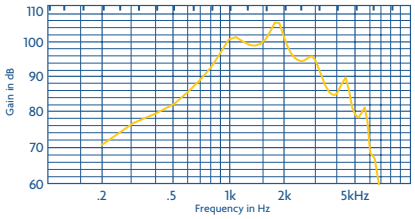
Tone or Low Cut (LC):

The tone control reduces the low frequency amplification. It is set at "counterclockwise" at the factory. Rotation "clockwise" will reduce low frequencies.

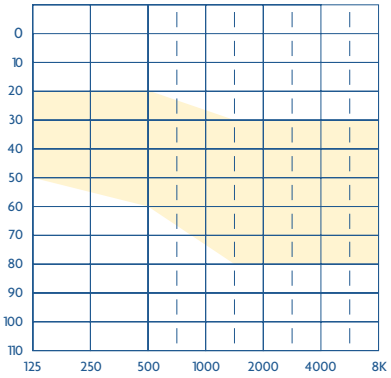
Peak Clipping Output Control (PC):

The PC control reduces the maximum output. It is set at "counterclockwise" at the factory. Rotation "clockwise" will reduce maximum output.

input: 10mA/m
LC: CCW
PC: CCW
volume control:
FULL ON

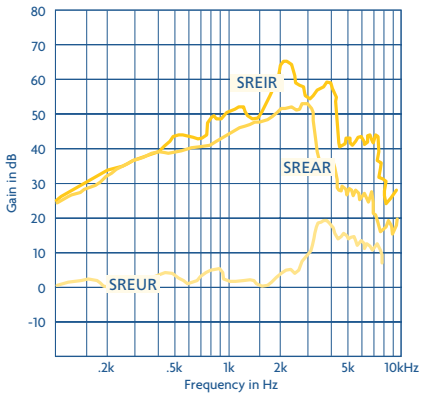


Telecoil Response



Suggested Fitting Range

random noise input:
50 dB SPL
@ 0° incidence
SREAR
SREIR
SREUR



Simulated Real Ear Measured on Kemar

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