MT 80 SP

Super Power Body Aid

The MT 80 SP is designed for the hearing aid user with severe to profound hearing loss and requires a body style instrument. A continuously variable tone control will provide a precise fitting. The power output control will reduce the output up to 24 dB to ensure the output does not exceed the user's comfort level. The gain is also adjustable making the MT 80 SP a versatile power aid.

The MT 80 SP comes standard with a 52 PP button receiver.

Size	2.6" x 3.2" x .81" 59 x 81 x 20 mm
Weight	1.6 oz. / 46 gm without battery
Power Source	2 x 1.5 V Size AA Alkaline

Feature Summary:

Highest gain and output

Excellent for severe to profound losses

3 trimmers for tone, gain and output

Sliding trimmer cover

High performance telecoil

Simultaneous M-T standard

Electrical and Acoustical Data

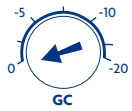
	ANSI S 3.22 - 1987
SSPL 90	
Max. dB	152
HFA dB	148±4
Full On Gain	
Max. dB	92
HFA dB	88±5
Reference Test Gain dB	71
Frequency Range Hz	420-3400
Total Harmonic Distortion	
500 Hz % Max	18.0
800 Hz % Max	6.5
1600 Hz % Max	1.0
Equivalent Input Noise dB Max	≤24
Induction Coil Sensitivity dB (re 20 uPa/ (10 mA/m) at 1000 Hz)	134±6
Battery Current mA Max	14

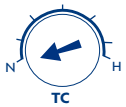
STARKEY

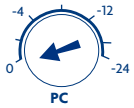
TECHNICAL SPECIFICATIONS

MT 80 SP

Instructions For Use of Potentiometers:
To adjust the controls, open sliding flap.







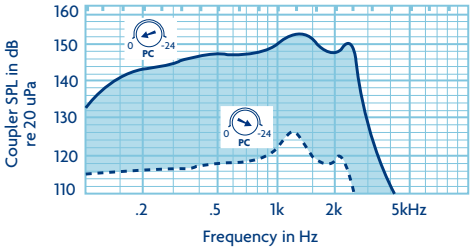
TC control set to N, PC control set to O, GC set to O at the factory.

TC:
To reduce low frequencies, turn clockwise to "H".

PC:
To reduce power output, turn clockwise.

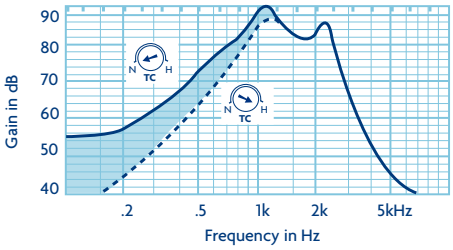
GC:
Turn clockwise to reduce gain.

input: 90 dB SPL
tone: N
gain: O
P = 0
P = -24
volume control: FULL ON



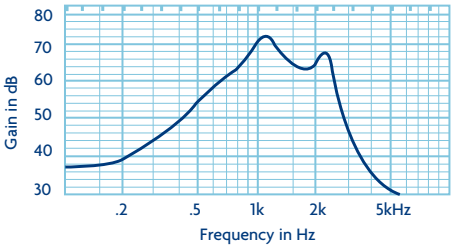
SSPL 90 and PC Control Rotation

input: 60 dB SPL
P: O
gain: O
Tone = N
Tone = H
volume control: FULL ON



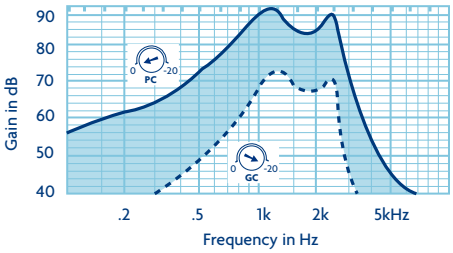
Full On Gain and Low Frequency Reduction

input: 60 dB SPL
tone: N
P: O
G: O
volume control: REFERENCE TEST GAIN POSITION

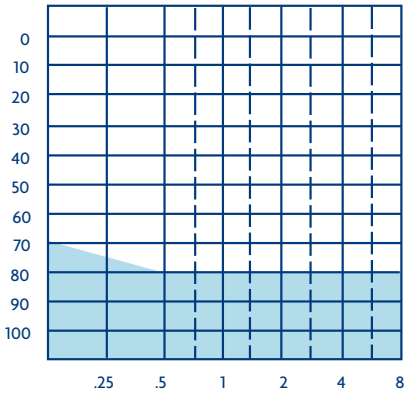


Frequency Response

input: 60 dB SPL
tone: N
P: O
G = 0
G = -20
volume control: FULL ON



Full On Gain and Gain Control Rotation



Suggested Fitting Range

71843-000 12/03 • SPEC1843-01-EE-ST