

SB 1 Power Body Aid

Slim and comfortable power body aid designed for the hearing aid user with severe to profound hearing loss.

Feature Summary:

The SB 1 is designed for the hearing aid user with severe to profound hearing loss. It provides the maximum available gain and output. The three-position tone control provides a precise fitting. The power output and gain controls ensure the output does not exceed the user's tolerance level.

The SB 1 body aid comes standard with a power ME 22-21 receiver. Use of a bone conduction receiver is possible to make the SB 1 a powerful bone conduction hearing aid.

Standard Features:

- Slim, comfortable body aid.
- Three trimmers for output, gain, and tone.
- Adaptive to bone conduction aid.
- M-MT-T switch.
- Easily accessible battery compartment.
- High performance telecoil.
- Numbered volume control.



size: 2.8" x 2.0625" x .9"
71 x 53 x 23 mm

weight: 1.6 oz. / 46 gm
without battery

Electrical and Acoustic data

	ANSI S 3.22 1987	IEC
Peak SSPL90 (dB)	152	158
HFA SSPL90 (dB)	145	147@RTF
Peak Gain (dB)	93	98
HFA Full On Gain (dB)	84	96@RTF
Harmonic Distortion		
500 Hz	15%	15%
800 Hz	10%	10%
1600 Hz	5%	5%
Reference Test Gain R.T.G.	68 dB	73 dB
Induction Coil:	10mA/m@FOG	1mA/m@RTF
Sensitivity:	125 dB	109 dB
Equivalent Input Noise	<26 dB	<26 dB
Battery Current (mA)		
ANSI	11	11
Frequency Range Hz	200-3000	N/A
Power Source	2 AA Alkaline	2 AA Alkaline

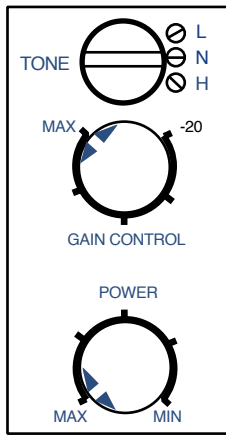


TECHNICAL SPECIFICATIONS

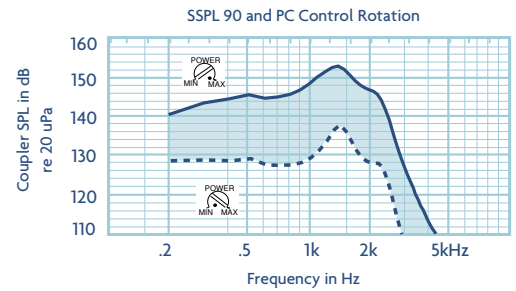
SB 1

Potentiometer Operation

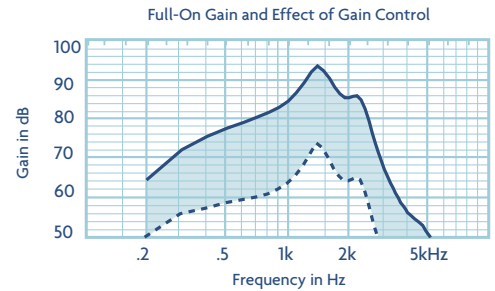
The potentiometers are located beneath the cover next to the batteries.



input 90 dB SPL
 PC = Max
 PC = Min
 Tone: N
 Gain: Max
 volume control: FULL ON



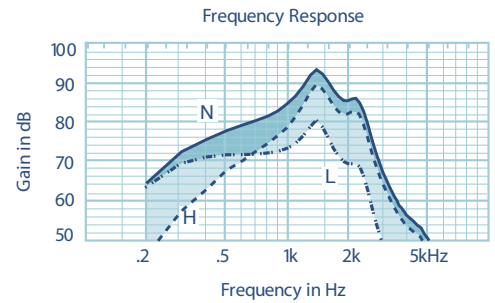
input 50 dB SPL
 GC = Max
 GC = Min
 PC: Max
 Tone: N
 Gain: Max
 volume control: FULL ON



Tone (T)

The Tone control is a three-position control which the dispenser can use to adjust the amount of amplification in the high or low-frequency regions. Set in the "L" position, low frequencies will be emphasized; "H" will emphasize high frequencies. The control will be set at the factory in the "N" position for normal tone.

input 50 dB SPL
 Tone = N
 Tone = H
 Tone = L
 PC: Max
 volume control: Reference Test Gain Position



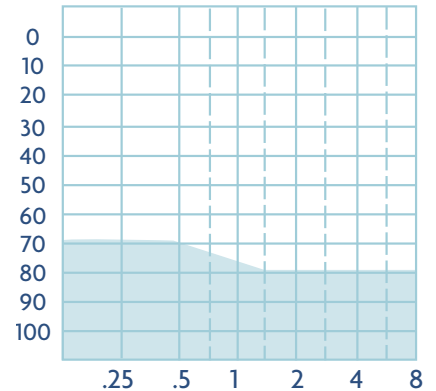
Gain Control (GC)

The Gain control is used to adjust the range of gain provided by the volume control. Rotation of the gain control to the "-20" position will reduce the overall gain by 20 dB.

Power Output Control (PC)

The Output control is used to reduce the maximum output of the hearing aid. Rotation of the output control to "Min" will reduce the output by approximately 23 dB.

Suggested Fitting Range



Measurement Conditions

The data for SB-1 are obtained and performance is expressed according to ANSI S3.22 (1987), Specifications of Hearing Aid Characteristics. The Starkey proprietary Real Time Analyzer comprises the basic test equipment. Hearing instruments are attached to the HA-1 2 cm³ coupler.

