

EL 111 BTE Instrument

TECHNICAL INFORMATION



Peak SPL: 125
Peak Gain: 56

Available colors:
• Beige

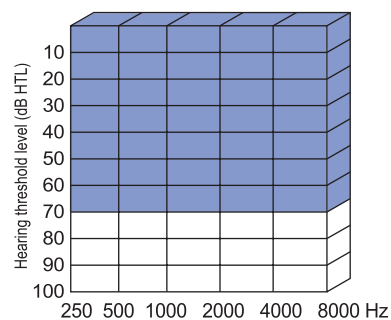
FEATURES

- Entry level 100% digital single-channel signal processing
- Feedback cancellation without gain reduction
- Microphone Noise Reduction
- 1 potentiometer: Low Frequency Tone control (NH)
- Rocker VC switch with 32 dB range in 4 dB steps
- Easily accessible push button for selecting between 2 hearing programs
- 2 hearing programs:
 - **Comfort:** reduced gain with increased compression (AGC-I fixed at 60 dB and AGC-O at 80 dB)
 - **Power:** full gain (AGC-I and AGC-O off)
- Reinforced screw-on ear hook
- Battery door lock
- #13 battery

FITTING APPLICATION

- Mild to moderately severe hearing losses

PURE TONE AUDIOGRAM



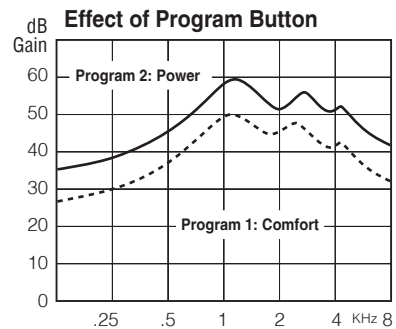
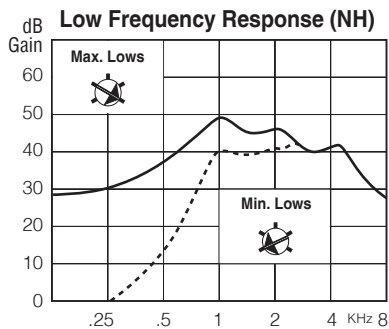
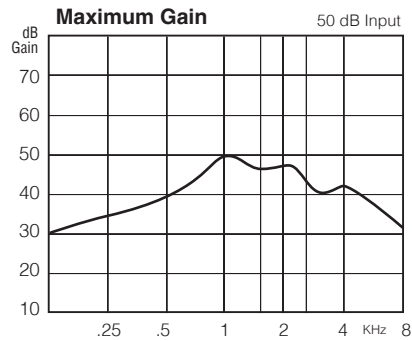
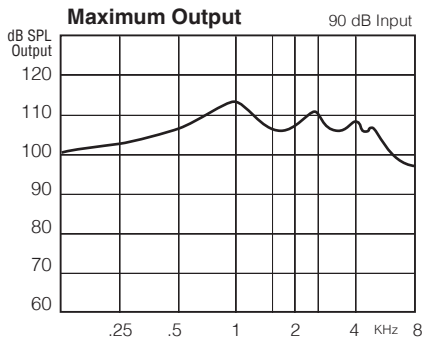
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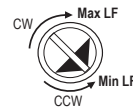
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PERFORMANCE CURVES



PERFORMANCE DATA

	Comfort Mode	Power Mode
Maximum output	114 dB	125 dB
HF average SSPL 90	108 dB	121 dB
Full on peak gain	49 dB	56 dB
HF average full on gain	30 dB	50 dB
Reference test gain	29 dB	44 dB
Frequency range	200-5500 Hz	200-5800 Hz
Harmonic Distortion at 500 Hz	3.3%	3.3%
800 Hz	1.1%	1.1%
1600 Hz	0.8%	0.8%
Equivalent input noise level (Typical)	25 dB	23 dB
Battery current drain	.50 mA	.77 mA
Battery life	349 Hrs. (13)	349 Hrs. (13)



Low Frequency Control (NH)

- Variable up to 30 dB at 500 Hz

