

Simplicity Hi Fidelity™

Hi Fidelity
OTE



DEVICE FEATURES

- Micro case
- #10 battery
- Manual volume control
- Soft, free-field dome
- Sm, Med, or Lg tube size

CONSUMER APPEAL

- Cosmetic appeal
- 1 yr. warranty
- Micro-poly tube
- Economical price
- No ear impression
- Same day fitting

For a realistic, high fidelity listening experience.

The Simplicity™ Hi-Fidelity OTE was developed to help provide an ideal balance of listening for a wide variety of sounds encountered in everyday life. The wide dynamic range compression/expansion system separates incoming sounds, into low-pitched and high-pitched sounds.

Bass and treble are continually adjusted and performed automatically. The sound processing makes soft sounds easier to hear and maintains loud sounds at comfortable levels.

The wide bandwidth eliminates “tinny” sound while providing clearer speech understanding, superior sound quality and the highest fidelity possible. This specialty design protects the sound circuit from very intense sounds that can cause unpleasant distortion.

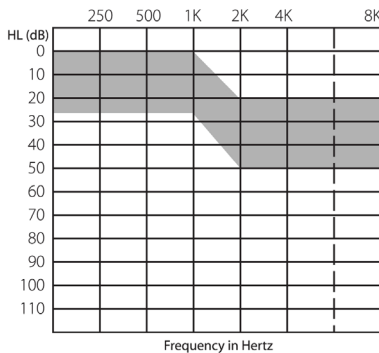
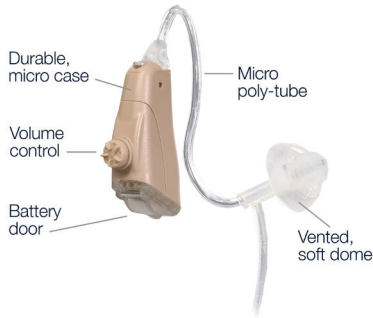
The Simplicity™ Hi-Fidelity will also allow you to enjoy the “music of life” once again. Music enthusiasts will especially appreciate the excellent harmonics that gives music its richness.

The adjustable volume control allows the user to make precise adjustments. By not amplifying loud sounds the need to constantly adjust the volume in different listening environments is eliminated.

The open fit design lets sound flow naturally into the ear and helps to alleviate that “plugged-up” feeling reducing the need for electronic amplification and the opportunity for annoying feedback to occur. High quality precision components and unsurpassed craftsmanship allow you to wear the Simplicity™ Hi-Fidelity device with confidence.

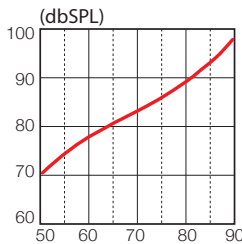
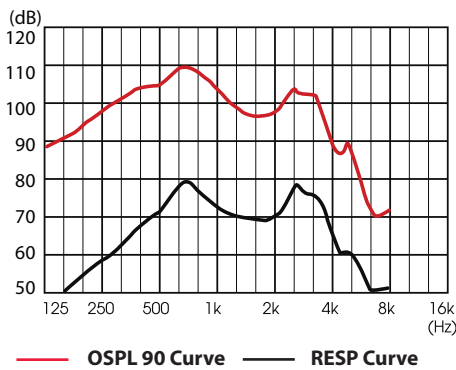


Simplicity Hi Fidelity fits discreetly behind the ear.



Simplicity HI-FI Features

- Smooth, undistorted output over a frequency range of 100 Hz to 10,000 Hz
- Amplifies only quiet sounds; and is acoustically transparent for loud sounds
- Utilizes a variable-time-constant automatic gain control circuit that virtually eliminates the audible breathy sound
- Automatic circuit operates two electronic controls: a volume control to make quiet sounds audible and a tone compression/expansion circuit to give selective treble boost
- Manual volume control allows users to set the Simplicity™ Hi-Fidelity OTE to their specific comfortable listening level in any situation
- Designed to provide longer battery life
- Built-in LOWBAT™ warning signal system
- Equipped with state of the art electronics
- Thin micro poly tube design is comfortable and flexible for extended wear time
- Miniature case gives a sleek appearance that is virtually invisible to others
- Less prone to failure due to earwax
- Transparent ear canal resonance with open-fit format
- Long battery life of over 250+ hrs



THD	FREQ	SRC
0.9%	500 Hz.	70 dB
0.2%	800 Hz	70 dB
1.0%	1,600 Hz	65 dB

MAX OSPL90 : 110.6 dB
 AT..... 700 Hz.
 HF AVG 101.8 dB
 HF AVF F.O.G. 23.7 dB
Reference Test Gain
 Target: 24.8 dB
 Measured: 22.6 dB
Response Limit: 45.3 dB
 F1 = 202 Hz
 F2 = 6,000 Hz

Averaging Frequencies
 1000 Hz
 1,600 Hz
 2,500 Hz
 Freq.....2000 Hz
 Attack.....0 mS
 Release833 mS

Eq. Input Noise 27 dB
 Battery (1.3V)..... 0.31 mA

BATTERY SPECIFICATIONS

Battery Drain0.31 mA
 Battery Life (10A) 255 Hrs.