

# Simply Slim Smart Touch™

ReadyWear  
Amplification  
**ITC**

## DEVICE FEATURES

- Slim, in-the-ear design
- #10 battery
- Soft silicone body
- Digital Circuitry
- Hypo allergenic
- 4 volume levels

## CONSUMER APPEAL

- Cosmetic Appeal
- Economical Price
- No Ear Impression
- Fits men and women

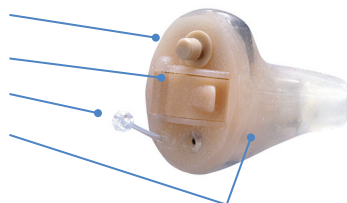


## Exclusively designed for a petite ear canal size.

Simply Slim Smart Touch is latest addition to the Simply Soft line of soft, non-prescription devices. Simply Slim's patented design embodies sophisticated micro-electronic circuitry in a solid body of medical grade silicone.

Due to the soft, flexible nature of the body, the device seats better in the ear and stays in place to minimize feedback and distortion. The narrow canal design fits slimmer, more petite ear canal shapes than the regular Simply Soft device. Simply Slim Smart Touch comes standard with four preprogrammed digital volume levels. With just a quick press of the volume select button, users can choose from four different volume levels. Simply Slim is shipped with a pack of NoWax filters that aid in the protection of the components from damaging ear wax.

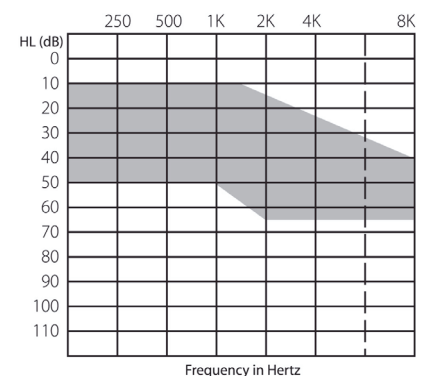
- Volume Select Button
- #10 Battery Door
- Extraction cord
- Patented silicone body



## BATTERY SPECIFICATIONS

Battery Drain .....0.54 mA  
Battery Life (10A) .....145 Hrs.

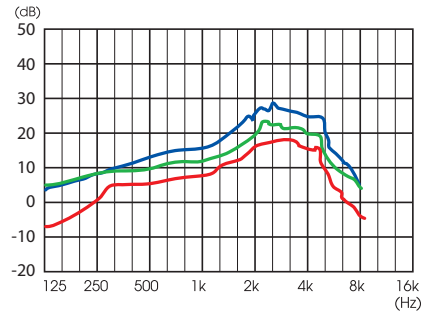
## TYPICAL FITTING RANGE



# Simply Slim Smart Touch™

## Simply Slim Smart Touch Performance Data

The multi-curve analysis shown on the right reflects typical Simply Soft ADSP 2 performance at each of the four memories. The data were gathered using a standard 2cc coupler. Note that the curves were obtained with an input signal of composite noise with an intensity of 65 dB SPL. The curve with the least amount of overall gain (Composite Curve) represents Memory 1. Curve 3, with the most amount of overall gain, represents Memory 4. The overall frequency response remains constant across memories, and that gain is the only variable.



— Curve 2  
— Curve 3 — Curve 4

## Simply Slim Smart Touch Features:

- Adaptive Feedback Control counteracts feedback without gain reduction or signal distortion
- Dynamic Contrast Detection Compression to optimize performance
- Low-Level Expansion
- Low Battery warning
- 12 band Gain Adjustment
- Programmable Power-On Delay (default 3 second delay)
- Programmed by audiologist

### Composite (memory 1)

Source.....65.0 dB  
Peak.....14.7 dB  
Peak Frequency.....2,700 Hz  
RMS Out .....71.3 dB  
Noise Reduction .....0.0 dB

### Curve 1 (memory 2)

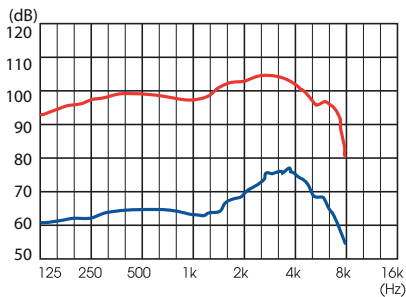
Source.....65 dB  
Peak.....18.2 dB  
Peak Frequency.....2,300 Hz  
RMS Out .....75.4 dB  
Noise Reduction .....0.0 dB

### Curve 2, (memory 3)

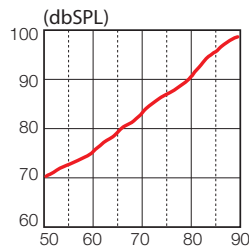
Source.....65.0 dB  
Peak.....22.3 dB  
Peak Frequency.....2,300 Hz  
RMS Out .....79.5 dB  
Noise Reduction .....0.0 dB

### Curve 3, (memory 4)

Source.....65.0 dB  
Peak.....26.8 dB  
Peak Frequency.....2,700 Hz  
RMS Out .....83.2 dB  
Noise Reduction .....0.0 dB



— OSPL 90 Curve — RESP Curve



THD	FREQ	SRC
0.5%	500 Hz.	70 dB
0.4%	800 Hz	70 dB
1.0%	1600 Hz	65 dB

### MAX OSPL90 : 104.3 dB

AT.....3,100 Hz.  
HF AVG ..... 100.7 dB  
HF AVF F.O.G. ....20.4 dB

### Reference Test Gain

Target: .....23.7 dB  
Measured: ..... 18.4 dB

### Response Limit: 47.2 dB

F1 = .....200 Hz  
F2 = .....8,000 Hz

### Eq. Input Noise 31.2 dB

Battery (1.3V).....0.54 mA

### Averaging Frequencies

1000 Hz  
1,600 Hz  
2,500 Hz

Freq.....2,000 Hz  
Attack.....35 mS  
Release .....1,998 mS