

Discovery



Micro Tube
Amplification
O**T****E**

DEVICE FEATURES

- Micro Case
- #10 battery
- Speech-In-Noise Switch
- 300 Battery Hours
- Soft, Free-field Dome

CONSUMER APPEAL

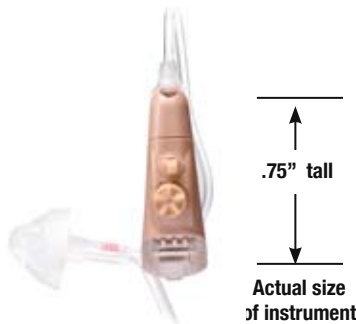
- Cosmetic Appeal
- 6 mo. Warranty
- Micro-Ploy Tube
- Economical Price
- No Ear Impression
- Same Day Fitting

Discovery offers popular micro tube size with quality sound amplification all at an affordable price.

Introducing the Discovery, a micro-O^TE device specifically designed to address a mild-to-moderate high frequency hearing loss. The Discovery features an ultra-cosmetic design combined with a micro-poly tube free-field earmold that enables same-day fitting needs.

The open-ear tip leaves the ear canal open, with a transparent ear canal resonance. Powered by a #10 battery with extremely low battery drain, the wearer will enjoy long battery life. The volume control provides for easy, accurate adjustment by the wearer.

The Discovery is characterized by efficiency, economical price, and ease of use. The Simplicity offers clean, stable high frequency amplification with a total absence of occlusion while delivering pro-audio performance.



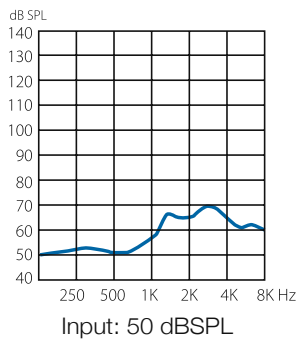
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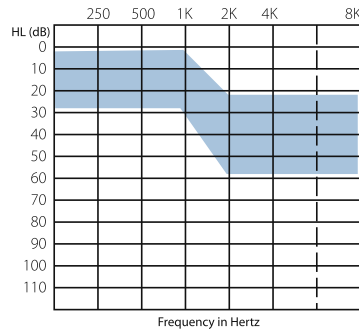


These data display typical real-ear performance at approximately 1/2 volume control rotation. The effects of the free-field venting can be seen with the roll-off at frequencies below 2000 Hz. (which contains most of the noise energy). There is virtually no effect on open ear canal resonance, resulting in efficient high frequency gain from 2000 to beyond 4000 Hz.

REAL-EAR DATA



TYPICAL FITTING RANGE



DISCOVERY DATA SPECIFICATIONS

Max OSPL90:.....	119.3 dB @ 900 Hz.
HF AVG:	109.7 dB
HF AVG F.O.G.:	22.9 dB
Reference Test Gain	
Target	32.7 dB
Measured	22.9 dB
Response Limit	62.9 dB
F1	200 Hz
F2.....	6,300 Hz
EQ. Input Noise	29.4 dB
Battery (1.3V).....	0.21 mA
Battery Life	350 Hrs.

THD	FREQ	SRC
1.4%	55 Hz	70 dB
0.2%	888 Hz	70 dB
0.7 %	1,500 Hz	65 dB



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