# INTRO™

# Power BTE

## Behind-The-Ear

## Intro Choice

### Features

**Feedback Canceller**
Virtually eliminates annoying feedback

**Environmental Adaptation**
Continuously scans the environment and adapts appropriately for Quiet and Noise

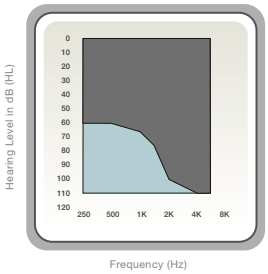
**Tonal Indicators**
Unique tones for memory, low battery, etc.

**4 Memories Standard**

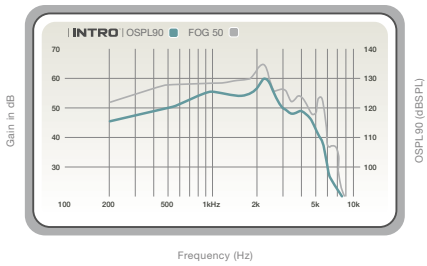
**Induction Coil**

**Volume Control**

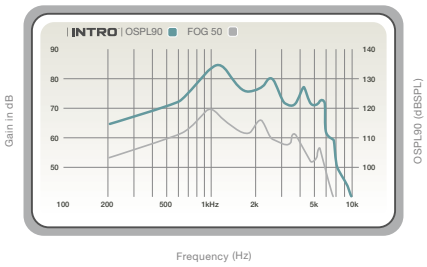
| | POWER BTE | |
|---|---|---|
| Measurement | ANSI/IEC | IEC OES |
| Peak OSPL90 (dB SPL) | 135 | 139 |
| HFA OSPL90 (dB SPL) | 128 | NA |
| RTF OSPL90 (dB SPL) | NA | 134 |
| Peak Gain (dB) | 70 | 74 |
| HFA Full-On Gain (dB) | 64 | NA |
| RTF Full-On Gain (dB) | NA | 69 |
| Frequency Range (Hz) | 200 - 6400 | NA |
| Reference Test Frequency (kHz) | NA | 1.6 |
| HFA Frequencies (kHz) | 1.0, 1.6, 2.5 | NA |
| Reference Test Gain (dB) | 52 | 59 |
| Harmonic Distortion | | |
| 500 Hz (%) | 3% | 4% |
| 800 Hz (%) | 1% | 1% |
| 1600 Hz (%) | 1% | 1% |
| Equivalent Input Noise (dB SPL) | 24 | 25 |
| Attack and Release Time (ANSI/IEC) – Test Mode | | |
| Attack Time (ms) | 5 | 5 |
| Release Time 0.1s (ms) | 25 | 55 |
| Release Time 2.0s (ms) | 25 | 55 |
| Induction Coil Sensitivity | | |
| HFA SPLITS (ANSI) (dB SPL) | 111 | NA |
| MASL (IEC) (dB SPL) | NA | 99 |
| Battery Current (mA) | 1.6 | 1.6 |
| Idle Current (mA) | 1.2 | 1.2 |
| Estimated Battery Life for 16-Hour Day | | |
| 13 Zinc Air (days) | 11 | 11 |




*Intro Choice Power BTE configuration (light blue) and BTE open configuration (gray) fitting ranges.*




*OSPL90 (blue) and Full-On Gain (gray) curves for the Intro Choice Power BTE with the default filtered adult earhook (green damped).*




*OSPL90 (blue) and Full-On Gain (gray) curves for the Intro Choice Power BTE with the unfiltered adult earhook.*

### Measurement Conditions and Recommendations

The data for Intro Choice Power BTE are obtained and performance is expressed according to ANSI S3.22 (1996), Specifications of Hearing Aid Characteristics and IEC 60118-0 (1983), Hearing aids, Part 0: Measurement of electroacoustical characteristics and Amendment 1 (1994-01). The NuEar proprietary Real Time Analyzer comprises the basic test equipment. Data may be subject to change with product refinement.

Intro Choice Power BTE hearing instruments may be set to test settings within Inspire® OS by reading the hearing aid and choosing Hearing Aid Test on the left navigation bar. Click the Full On Gain or User Gain buttons on this screen to set the device with adaptive features off. Because of the adaptive signal processing capabilities of Intro hearing instruments, you must be in Full On Gain or User Gain mode to compare the actual performance of the hearing instrument with these specifications.

RF IMMUNITY LEVEL. Intro Choice Power BTE hearing aids have a cell phone immunity rating of M4/T4. A hearing aid compatible cell phone must carry a rating of M1/T1 or higher to work with these hearing instruments. Please consult your cell phone specification for the cell phone immunity rating.

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