

## BTE

### Behind-The-Ear

### Source 25



#### Features

##### Feedback Canceller

Virtually eliminates annoying feedback

##### Environmental Adaptation

Continuously scans the environment and adapts appropriately for Quiet and Noise

##### Tonal Indicators

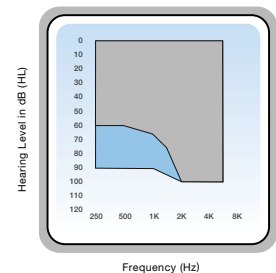
Unique tones for memory, low battery, etc.

##### 4 Memories Standard

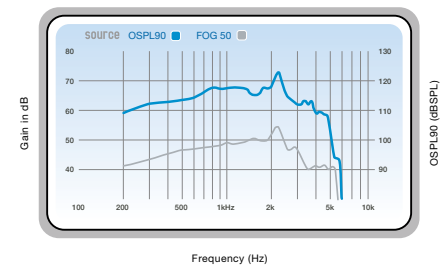
##### Induction Coil

##### Volume Control

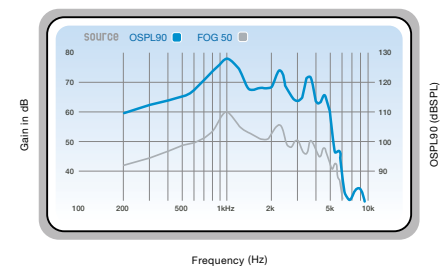
	BTE	
Measurement	ANSI/IEC	IEC OES
Peak OSPL90 (dB SPL)	128	132
HFA OSPL90 (dB SPL)	120	NA
RTF OSPL90 (dB SPL)	NA	126
Peak Gain (dB)	60	64
HFA Full-On Gain (dB)	54	NA
RTF Full-On Gain (dB)	NA	59
Frequency Range (Hz)	200 - 6400	NA
Reference Test Frequency (kHz)	NA	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	NA
Reference Test Gain (dB)	45	50
Harmonic Distortion		
500 Hz (%)	2%	3%
800 Hz (%)	1%	1%
1600 Hz (%)	1%	1%
Equivalent Input Noise (dB SPL)	23	24
Attack and Release Time (ANSI/IEC) – Test Mode		
Attack Time (ms)	10	5
Release Time 0.1s (ms)	30	55
Release Time 2.0s (ms)	30	55
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	99	NA
MASL (IEC) (dB SPL)	NA	87
Battery Current (mA)	1.4	1.3
Idle Current (mA)	1.3	1.3
Estimated Battery Life for 16-Hour Day		
13 Zinc Air (days)	14	15



Source 25 BTE configuration (light blue) and BTE open configuration (gray) fitting ranges.



OSPL90 (blue) and Full-On Gain (gray) curves for the Source 25 Standard BTE with the default filtered adult earhook (green damped).



OSPL90 (blue) and Full-On Gain (gray) curves for the Source 25 Standard BTE with the unfiltered adult earhook.

#### Measurement Conditions and Recommendations

The data for Source 25 BTE hearing instruments are obtained and performance is expressed according to ANSI S3.22 (2003), IEC 60118-7 (2005) and IEC 60118-0 (1983) with Amendment 1 (1994-01). The AudioSync proprietary Real Time Analyzer and the Automated Design Verification Test System comprise the basic test equipment. Data may be subject to change with product refinement.

Source 25 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 Source 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. Source 25 BTE and Power 13 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.