

ITE, HS, ITC, CIC

In-The-Ear, Half-Shell,
In-The-Canal, Completely-In-Canal

Source 25



Features

Feedback Canceller

Virtually eliminates annoying feedback

Environmental Adaptation

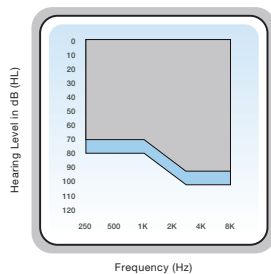
Continuously scans the environment and adapts appropriately for Quiet and Noise

Tonal Indicators

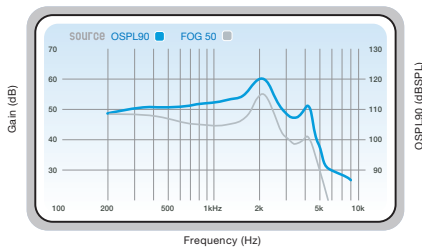
Unique tones for memory, low battery, etc.

1 Memory Standard

4 Memories Optional



Source 25 ITE (light blue) and HS/ITC, CIC (gray) fitting range.



OSPL90 (blue) and Full-On Gain (gray) curves for the Source 25 ITE at the highest matrix of 120/55.

Measurement	ITE		HS/ITC		CIC	
	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	113-120	123-130	110-115	119-124	110-131	119-138
HFA OSPL90 (dB SPL)	104-110	NA	101-108	NA	101-123	NA
RTF OSPL90 (dB SPL)	NA	113-121	NA	110-116	NA	109-137
Peak Gain (dB)	30-55	39-63	30-50	40-60	30-71	40-78
HFA Full-On Gain (dB)	24-48	NA	22-45	NA	22-65	NA
RTF Full-On Gain (dB)	NA	31-57	NA	31-55	NA	31-77
Frequency Range (Hz)	200 - 6000	NA	200 - 7000	NA	200 - 7000	NA
Reference Test Frequency (kHz)	NA	1.6	NA	1.6	NA	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	NA	1.0, 1.6, 2.5	NA	1.0, 1.6, 2.5	NA
Reference Test Gain (dB)	24-33	24-46	22-31	24-41	22-47	24-58
Harmonic Distortion						
500 Hz (%)	<3	<3	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3	<3	<3
Equivalent Input Noise (dB SPL)	<28	<28	<28	<28	<28	<28
Attack and Release Time (ANSI/IEC) – Test Mode						
Attack Time (ms)	5	5	5	5	5	5
Release Time 0.1s (ms)	5-150	5-250	5-150	5-250	5-150	5-250
Release Time 2.0s (ms)	5-150	5-250	5-150	5-250	5-150	5-250
Induction Coil Sensitivity						
HFA SPLITS (ANSI) (dB SPL)	90-99	NA	89-98	NA	NA	NA
MASL (IEC) (dB SPL)	NA	63-88	NA	63-85	NA	NA
Battery Current (mA)	1.1-1.5	1.1-1.5	1.1-1.5	1.1-1.5	1.1-1.7	1.1-1.7
Idle Current (mA)	1.0-1.2	1.0-1.2	1.0-1.2	1.0-1.2	1.0-1.4	1.0-1.4
Estimated Battery Life for 16-Hour Day						
13 Zinc Air (days)	12-16	12-16	NA	NA	7-11	7-11
312 Zinc Air (days)	6-9	6-9	6-9	6-9	NA	NA
10 Zinc Air (days)	NA	NA	3-5	3-5	3-5	3-5

Measurement Conditions and Recommendations

The data for Source 25 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 as well as the AudioSync Automated Design Verification Test System comprise the basic test equipment. Data may be subject to change with product refinement.

Because of the adaptive signal processing capabilities of Source 25 hearing instruments, the hearing instrument must be set to test mode to compare the actual performance of the hearing instrument with these specifications. Source 25 hearing instruments may be set to test mode with Inspire® by reading the hearing aid and selecting the "Hearing Aid Test" screen from the menu on the left side of the Inspire window, then selecting the "Full On Gain" button.

RF IMMUNITY LEVEL: These hearing instruments have a cell phone immunity rating of M2/T2. For your cell phone to be compatible with these hearing instruments, the cell phone needs an immunity rating of M3/T3 or higher. Please consult your cell phone specifications for your cell phone immunity rating.