

BTE

Behind-The-Ear

325 • 245 • 165 • 85

At the heart of every NOW hearing instrument is AudioSync's newest, state-of-the-art integrated circuit platform, Synergy Platform, designed to deliver maximum performance, maximum power, and maximum patient satisfaction.



Features

Sound Imaging

NOW 325

Optimal high-resolution sound imaging with frequency shaping in all 16 channels and 16 bands

NOW 245

High-resolution sound imaging with frequency shaping in 12 channels and 12 bands

NOW 165

Frequency shaping in 8 channels and 8 bands

NOW 85

6 channels and 6 bands

SelecTouch™ Technology

An industry first that replaces difficult-to-adjust buttons and dials with an innovative control surface — so patients can make volume and memory adjustments with the sweep or touch of a finger.

Sound Shield

- Featuring up to 25dB of added stable gain — the highest broadband gain margin available
- Provides a faster response to more complex feedback
- With Sound Shield, open fittings are now an option for more patients than ever before

Sound Environment Optimization System

Continuously scans the environment and adapts appropriately for maximizing performance in noise and preserving speech recognition

PersonaFi

In addition to superior directionality, AudioSync's new acoustic pattern recognition system, PersonaFi, with patented, real-time environment detection and classification, adapts to any listening environment by seamlessly adjusting to the patient's preferred settings

Comfort Control

Available on NOW 325

Allows you to work with your patients to set the system based on their specific needs — resulting in a more comfortable, personalized listening experience

Sound Positioning System

- Automatically adapts to ensure optimal performance in all listening situations
- NOW boasts the highest mean DI scores and the lowest operational noise floor, helping patients significantly increase their understanding in noise

T² (Touch-Tone)

Adjustment for volume and memory via most cell or touch-tone telephone

Self Check

Available on NOW 325

Allows hearing professional and patient to perform a diagnostic check of the microphone, circuit and receiver

Reminder

Available on NOW 325

Offers hearing professionals the option of programming audible voice or tone reminders for follow-up appointments and maintenance checks

Leisure Listening Memories

TV memory program designed for optimal performance while watching television

Available on NOW 325

Multiple music genre settings designed to maximize sound quality and listening enjoyment

Automatic Telephone Solutions

- Automatically detects telephone use and adjusts to the optimal acoustic frequency response for telephone listening
- Includes autocoil, telecoil and Automatic Telephone Response (ATR)

Voice Indicators

Alerts patients to the status of their hearing aid, low battery, memory and telephone modes in their choice of male or female voices in a wide variety of languages

Tonal Indicators

Unique tones for memory, low battery, etc.

Auto Path

- Automatic fitting routine
- Provides an accurate and efficient first fit

Live 3D Speech Mapping

Available on NOW 325

- Allows hearing professional to verify how the hearing aid processes speech, or any live acoustic input, in real time
- 3D display engages patient and family in fitting process

Live Speech Mapping

Available on NOW 11/9/7/5

Verifies hearing aid's processing of speech, or any live acoustic input, in real time

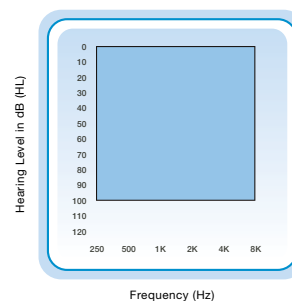
Verify Comfort

In-Situ Audiometry

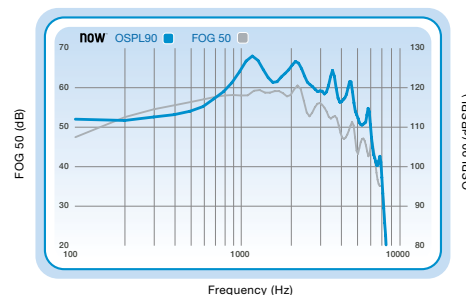
Data Logging

NOW BTE ANSI/IEC Data

Measurement	BTE	
	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	128	135
HFA OSPL90 (dB SPL)	123	NA
RTF OSPL90 (dB SPL)	NA	130
Peak Gain (dB)	60	69
HFA Full-On Gain (dB)	57	NA
RTF Full-On Gain (dB)	NA	67
Frequency Range (Hz)	100 - 6600	NA
Reference Test Frequency (kHz)	NA	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	NA
Reference Test Gain (dB)	46	54
Harmonic Distortion		
500 Hz (%)	<4	<4
800 Hz (%)	<1	<1
1600 Hz (%)	<1	<1
Equivalent Input Noise (dB SPL)	<25	<25
Attack and Release Time (ANSI/IEC) – Test Mode		
Attack Time (ms)	22	5
Release Time 0.1s (ms)	5-150	5-250
Release Time 2.0s (ms)	5-150	5-250
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	109	NA
MASL (IEC) (dB SPL)	NA	97
ANSI/IEC Battery Current (mA)	1.6	1.6
Idle Current (mA)	1.5	1.5
Estimated Battery Life for 16-Hour Day		
13 Zinc Air (days)	9-12	9-12



NOW BTE fitting range.



OSPL90 (blue) and Full-On Gain (gray) curves for the NOW BTE at 128/60.

Measurement Conditions and Recommendations

The data for NOW are obtained and performance is expressed according to ANSI S3.22 (2003), ANSI C63.19 (2007), IEC 60118-7 (2005) and IEC 60118-0 (1983) with Amendment 1 (1994-01). The AudioSync proprietary Real Time Analyzer and 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 NOW hearing instruments, the hearing instrument must be set to test mode to compare the actual performance of the hearing instrument with these specifications. NOW 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 M3/T3. For your cell phone to be compatible with these hearing instruments, the cell phone should have an immunity rating of M2 or higher for normal use according to ANSI ratings. Please consult your cell phone specifications for your cell phone immunity rating.