

Latitude™ 16 Moxi™ 3G

312 BTE Canal Receiver Technology (CRT)

Signature features

SmartFocus™

Provides clients with the ability to adjust for added speech focus or for more listening comfort, using the combination of four adjustable parameters:

- Microphone strategy
- Speech enhancement
- Noise reduction
- Overall gain

Parameters are customizable in both the automatic and manual programs

Enhanced AutoPro™ 3 with SmartFocus™

Allows clients to experience superior automatic performance with fast, smooth transitions between 3 distinct destinations

Enhanced feedback management system

Offers adjustable strengths to suppress various degrees of feedback and provide more usable gain

Self learning

Gradually and intelligently learns client preferences for smartFocus™ parameters and volume control in the automatic program

Smart Control (optional)

A hand-held remote control providing access to an array of adjustable parameters, including smartFocus

Unifi™ Wireless System

Binaural Phone – Automatically streams audio to the non phone ear, allowing for binaural hearing while on a landline or mobile phone. The Easy-t or Smart Control gives easy access to binaural phone hearing without any additional streaming accessory

DuoLink – Program and/or volume adjustments conducted on one hearing instrument are automatically binaurally synchronized

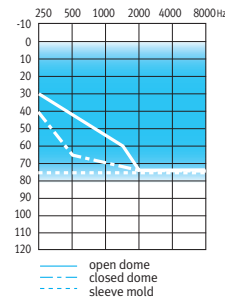
uDirect™ (optional) – Neck-worn device that acts as a reliable and secure interface between wireless hearing instruments and Bluetooth-enabled devices, or those that plug directly into the uDirect accessory. Features accessed with uDirect include:

- uPhone – Activates streaming program when signal is received from Bluetooth-enabled cell phone and Bluetooth-enabled audio devices
- uAudio – Activates streaming program when signal is received from FM transmitters or wired audio inputs

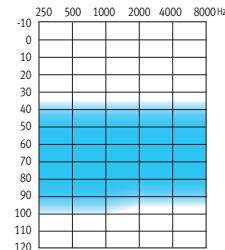
Additional features

- 16 channels, 16 bands
- Automatic program (3 destinations) + 3 manual + 2 wireless streaming programs
- Multiple microphone options: omnidirectional, fixed directional, and multiband adaptive directional
- Speech enhancement LD
- Noise reduction
- AntiShock™
- MyMusic™
- Wind noise manager
- Data logging
- Easy-t
- Telecoil
- Optional wireless programming with iCube
- OnBoard™ control is easily configured as a volume control or program button
- Choice of 2 receivers

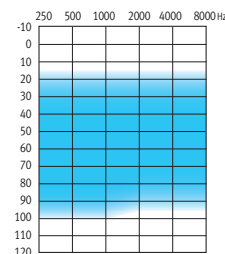
Fitting guides



Latitude 16 Moxi 3G (xS)



Latitude 16 Moxi 3G Power (xP)



Latitude 16 Moxi 3G cShell

Latitude™ 16 Moxi™ 3G is suitable for fitting mild to severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

ANSI 3.22 1996/ANSI 3.22 2003/IEC 118-7 2CC COUPLER TECHNICAL DATA	Latitude 16 Moxi 3G (xS Receiver)	Latitude 16 Moxi 3G Power (xP Receiver)
Reference Test Frequency ANSI IEC 118-7	HFA 1.6 kHz	HFA 1.6 kHz
OSPL90 Maximum Nominal HFA at RTF	112 dB 109 dB 105 dB 104 dB	126 dB 123 dB 118 dB 120 dB
Full on Gain (input 50 dB) Maximum HFA at RTF	45 dB 39 dB 37 dB	55 dB 48 dB 50 dB
Basic Frequency Response Frequency Range (Hz) Reference Test Gain (ANSI 1996/ANSI 2003)	< 100-8500 28 dB	< 100-7300 41 dB
Induction Coil Sensitivity (ANSI 1996/ANSI 2003, 31.6 mA/m) HFA SPLITS STS/RSETS	87 dB -1 dB	99 dB -2 dB
Current Drain at RTG	1.15 mA	1.25 mA
Typical Battery Life	141 h	130 h
Equivalent Input Noise at RTG	19 dB	18 dB
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.0% 1.0% 1.0%	1.5% 1.0% 0.5%
EMC ratings by ANSI C63.19-2001 EMC, Omni/Telecoil	M4/T4	M4/T4

ANSI 3.22 1996/ANSI 3.22 2003/IEC 118-7 2CC COUPLER TECHNICAL DATA	Latitude 16 Moxi 3G xS	Latitude 16 Moxi 3G Power xP
Reference Test Frequency IEC 118-0	1.6 kHz	1.6 kHz
OSPL90 Maximum at RTF	121 dB 113 dB	132 dB 129 dB
Full on Gain (input 50 dB) Maximum at RTF	56 dB 46 dB	65 dB 58 dB
Basic Frequency Response Frequency Range (Hz) (DIN 45605) Reference Test Gain	< 100-8600 38 dB	< 100-7500 51 dB
Induction Coil Sensitivity Graph shown for 31.6 mA/m at RTG at RTF	97 dB	109 dB
Current Drain at RTG	1.15 mA	1.25 mA
Typical Battery Life	141 h	130 h
Equivalent Input Noise at RTG	19 dB	18 dB
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.0% 1.0% 1.0%	1.5% 1.5% 0.5%
EMC immunity by IEC 60118-13, Field Strength 75/50 V/m, Omni mode IRL Low/High band dB SPL	18/23 dBSPPL	18/23 dBSPPL

Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized ear mold. We reserve the right to change specification data without notice as improvements are introduced.



Test Conditions:

Battery: 312

Source: Voltage 1.3 V

The measurements obtained with a closed configuration using a HA-1 coupler (ANSI-3.7-1995) or occluded ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard).

The hearing instrument set to linear, omni mode with all adaptive features disabled.