

## Next™ 16 Moxi™ Canal Receiver Technology (CRT)

AutoPro3™

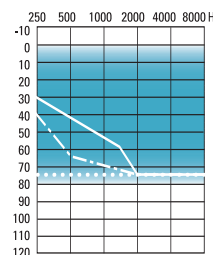
16 Channels, 16 Bands, Adaptive Directionality

### HEARING INSTRUMENT FEATURES

- AutoPro3™ offers faster detection and response of the 3 listening destinations and the ability to adjust comfort and clarity in all destinations
- Highly advanced feedback management that delivers more usable gain, allowing clients to enjoy the natural comforts and advantages of an open fit
- Comfort-Clarity Balance gives the client control of adaptive features (speech enhancement and noise reduction)
- AntiShock™ instantaneously reduces the level of impulse noises such as a door slam, while maintaining the quality and intelligibility of speech
- Speech enhancement LD emphasizes speech signals based on the input level
- 16 channels provide high resolution signal processing
- Adaptive directional microphone system tracks and suppresses moving noise sources, while focusing on sounds from the front
- Noise Reduction, Wind Noise Manager
- Data logging accurately records data on time spent in each program and listening destination. Volume control and Comfort-Clarity Balance changes are also logged in manual and automatic programs.
- MyMusic™ enhances the music listening experience by bringing out the rich, full tones of music
- OnBoard™ control is easily configured as a volume control or program button
- Easy-t provides automatic switching to a dedicated telephone program
- Up to 3 additional manual programs provide customization for individual needs and preferences
- Ideal volume indicator provides a beep notification when preferred gain is reached on the volume control
- Low battery warning
- Start up delay
- On/Off by opening or closing the battery door
- Can be programmed using NOAH-compatible U:fit™ and Standalone U:fit fitting software v1.4 or higher
- Choice of processing strategies, WDRC or Linear
- Choice of receivers
- Battery size: 312

### OPTIONS & ACCESSORIES

- Remote control with volume control, Comfort-Clarity Balance, program change button, and more
- Choice of coupling and venting options

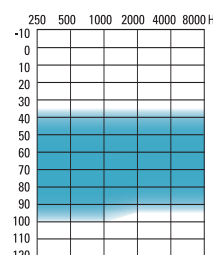


— open dome  
- - - closed dome  
... sleeve mold

Fitting Guide



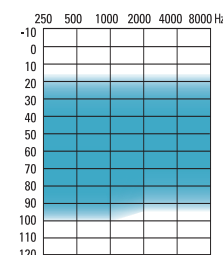
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Next 16 Moxi (xS)



Fitting Guide



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Next 16 Moxi Power (xP)



Fitting Guide

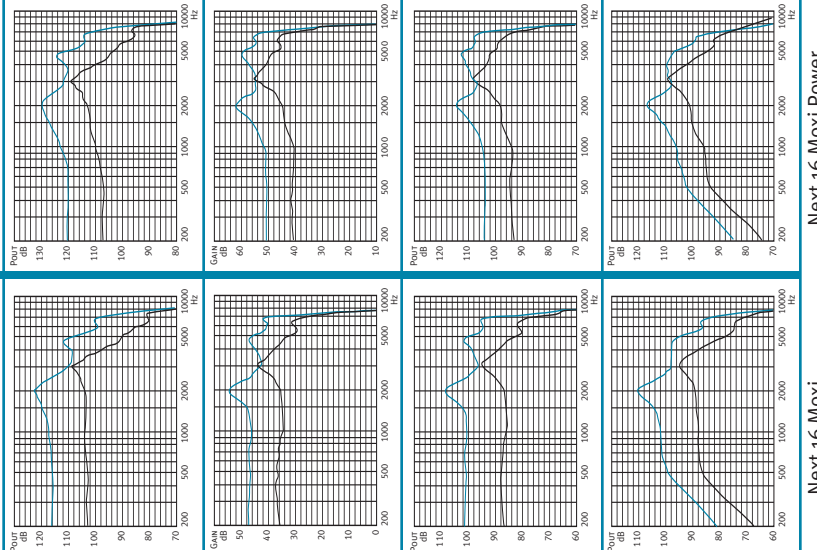


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Next 16 Moxi OptimumFit

Next 16 Moxi is suitable for fitting mild to moderately severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

ANSI S3.22-1996/IEC 118-7 2CC COUPLER TECHNICAL DATA		IEC 118-0 OES COUPLER TECHNICAL DATA	
Reference Test Frequency ANSI IEC 118-7	Next 16 Moxi Power (xS Receiver)	Reference Test Frequency IEC 118-0	Next 16 Moxi Power (xP Receiver)
<b>OSPL90</b> Maximum HFA at RTF	HFA 1.6 kHz  109 dB 105 dB 104 dB	<b>OSPL90</b> Maximum at RTF	1.6 kHz  120 dB 112 dB
<b>Full on Gain</b> (input 50 dB) Maximum HFA at RTF	55 dB 47 dB 49 dB	<b>Full on Gain</b> (input 50 dB) Maximum at RTF	55 dB 44 dB
<b>Basic Frequency Response</b> Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200-7350 28 dB  200-7200 41 dB	<b>Basic Frequency Response</b> Frequency Range in Hz (DIN) Reference Test Gain	200-8000  37 dB
<b>Induction Coil Sensitivity</b> (ANSI 1996, 31±6 mA/m) HFA SPLITS STS	89 dB 1 dB  102 dB 1 dB	<b>Induction Coil Sensitivity</b> Graph shown for 31.6 mA/m at RTG at RTF (1 mA/m at Full On Gain) Maximum at RTF	100 dB  86 dB 76 dB
<b>Current Drain at RTG</b>	1.15 mA	<b>Current Drain at RTG</b>	1.15 mA
<b>Typical Battery Life</b>	130 h	<b>Typical Battery Life</b>	130 h
<b>Equivalent Input Noise at RTG</b>	24 dB	<b>Equivalent Input Noise at RTG</b>	24 dB
<b>Total Harmonic Distortion</b> at 500 Hz at 800 Hz at 1600 Hz	1.0% 0.5% 0.5%	<b>Total Harmonic Distortion</b> at 500 Hz at 800 Hz at 1600 Hz	1.0% 1.0% 0.5%
<b>EMC immunity by</b> ANSI C63-19-2001 EMC, Omni mode/Telecoil	M3/T4	<b>EMC immunity by IEC 118-13, Field</b> Strength 75/50 V/m, Omni mode IRIL Low/High band dB SPL	40/40

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



Next 16 Moxi Power

Next 16 Moxi

**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.

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