

## Next™ Essential Moda II™ 312 BTE

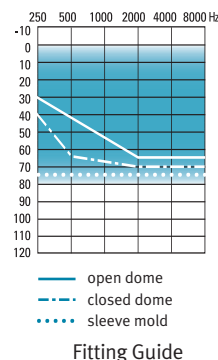
4 Channels, 8 Bands, Directional

### HEARING INSTRUMENT FEATURES

- 2 manual programs provide customization for individual needs and preferences
- Highly advanced feedback management that delivers more usable gain, allowing clients to enjoy the natural comforts and advantages of an open fit
- AntiShock™ instantaneously reduces the level of impulse noises such as a door slam, while maintaining the quality and intelligibility of speech
- 4 channels, 8 bands provide flexible and accurate frequency shaping
- Fixed directional microphone system suppresses background noise sources, while focusing on sounds from the front
- Noise Reduction analyzes input and automatically reduces noise signals
- Data logging accurately records the wearer's usage and manual program use
- 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, for increased fitting flexibility
- Battery Size: 312

### OPTIONS & ACCESSORIES

- Telecoil (T) or Microphone/Telecoil (MT) option can be set as one of the 2 manual programs
- Choice of domes and tubes
- Earhook



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Next Essential Moda II

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

# Next Essential Moda II

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	HFA 1.6 kHz	Reference Test Frequency IEC 118-0	1.6 kHz
OSPL90 Maximum HFA at RTF	118 dB 109 dB 104 dB	OSPL90 Maximum at RTF	123 dB 114 dB
Full on Gain (input 50 dB) Maximum HFA at RTF	45 dB 36 dB 33 dB	Full on Gain (input 50 dB) Maximum at RTF	57 dB 42 dB
Basic Frequency Response Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200-7700 32 dB	Basic Frequency Response Frequency Range in Hz (DIN) Reference Test Gain	200-8000 36 dB
Induction Coil Sensitivity (ANSI 1996, 31.6 mA/m) HFA SPLITS STS	94 dB 2 dB	Induction Coil Sensitivity Graph shown for 31.6 mA/m at RTG at RTF (1 mA/m at Full On Gain) Maximum at RTF	98 dB 85 dB 75 dB
Current Drain at RTG	1.25 mA	Current Drain at RTG	1.25 mA
Typical Battery Life	120 h	Typical Battery Life	120 h
Equivalent Input Noise at RTG	24 dB	Equivalent Input Noise at RTG	24 dB
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.5% 1.3% 0.5%	Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.5% 1.3% 0.5%
EMC immunity by ANSI C63.19-2001 EMC, Omni mode/Telecoil	M4/T4	EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRIL Low/High band dB SPL	43/43

### Test Conditions:

Battery: 312

Source: Voltage 1.3 V

The measurements obtained with a closed configuration with a straight measurement micro tube (004-1393) 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.

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.

