



## Conversa.NT Moda 10A BTE

Open Fitting Option, Speech Enhancement  
AutoMic, Adaptive Beamformer

### HEARING AID FEATURES

- Speech enhancement based on an intelligent signal detection system identifies and automatically emphasizes speech signals independently in each of the 16 channels. Choice of settings: Off, Moderate, Maximum
- AutoMic automatically switches between omni directional and fixed directional based on the sound level in the listening environment
- Adaptive beamformer manages noise from any direction, even if it is in motion, for improved speech intelligibility
- Realtime feedback canceller reacts within milliseconds using independent narrow band detectors to provide precise and adaptive feedback cancellation
- Intelligent noise reduction analyzes input on three dimensions and automatically reduces noise signals independently in each of the 16 channels. Choice of settings: Off, Mild, Moderate, Maximum
- Wind noise manager intuitively engages based on moderate or high wind conditions providing more enjoyment in outdoor pursuits
- 16 channels provide high resolution signal processing
- Dynamic range mapping functions independently across all 16 channels to allow accurate mapping of a wide range of input levels (quiet mode expansion, linear, wide dynamic range compression, output compression limiting)
- Up to three programs allow customization for different listening environments
- Telecoil (T) or Microphone/Telecoil (MT) option can be set in any of the three independent programs
- Wearers choose program through program button; audible beep confirms selection
- On/Off feature through the battery door
- Start up mute
- Low battery warning
- Filtered earhook
- Battery size 10A
- Conversa.NT Moda can be programmed using NOAH-compatible Unifit™ software or standalone Unifit

### OPTIONS

- Slim tube coupling for instant open fittings
- Unfiltered earhook
- Choice of shell colors



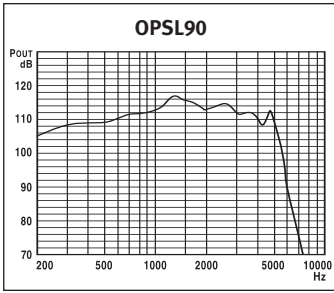
### ANSI S3.22-1996 TECHNICAL DATA

Conversa.NT Moda	Filtered Earhook	Unfiltered Earhook	Slim Tube Coupling
Frequency Range (Hz)	200-5700	200-5700	1100-5800
Peak Gain	40 dB	47 dB	38 dB
Peak Output	117 dB	124 dB	108 dB
Reference Test Gain	37 dB	39 dB	23 dB
HF Average Gain	38 dB	40 dB	30 dB*
HF Average OSPL90	114 dB	116 dB	100 dB*
Typical Battery Life (Zinc Air Premium)	80 h	80 h	80 h
Current Drain at RTP	1.1 mA	1.1 mA	1.1 mA
Telephone Magnetic Field Simulator			
HFA SPLITS	96 dB	99 dB	83 dB*
STS SPLITS	-1 dB	0 dB	0 dB
Equivalent Input Noise at RTP	15 dB	15 dB	23 dB
Total Harmonic Distortion at RTP			
500 Hz typical	3%	5%	5%
800 Hz typical	1%	4%	4%
1600 Hz typical	1%	4%	4%
Fast Time Constant			
Attack Time	< 40 ms	< 40 ms	< 40 ms
Release Time	100 ms	100 ms	100 ms
Slow Time Constant			
Attack Time	250 ms	250 ms	250 ms
Release Time	300 ms	300 ms	300 ms
Compression Ratio			
Wide Dynamic Range			
Compression	4:1 to 1:1	4:1 to 1:1	4:1 to 1:1
Compression Limiting	20:1	20:1	20:1

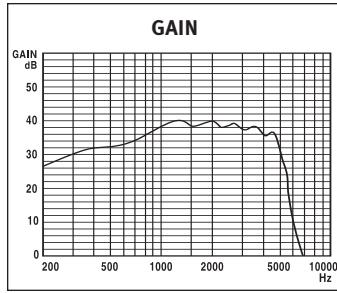
Note: Technical Data generated with Quiet Mode Expansion "On"

\*SPA Frequencies: 1600, 2500, and 4000 Hz.

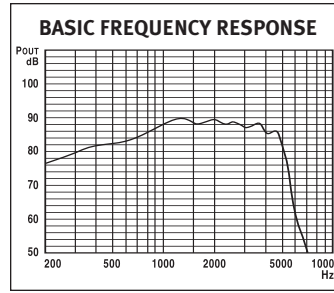
# CONVERSA.NT MODA BTE DIGITAL (FILTERED EARHOOK) ANSI SPECIFICATIONS



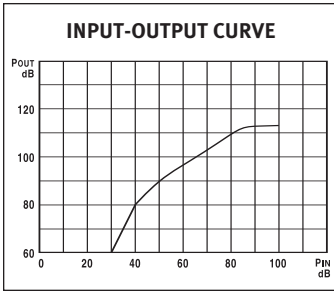
Input sound pressure level: 90 dB  
volume control: full on



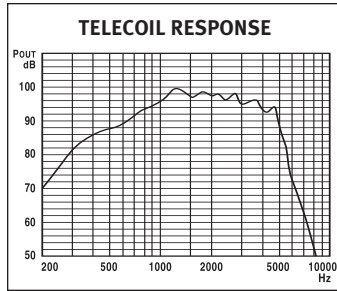
Input sound pressure level: 50 dB  
volume control: full on



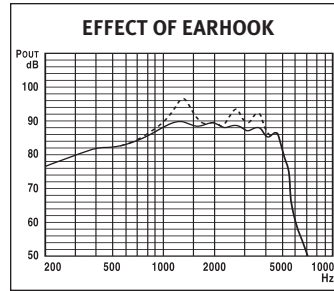
Input sound pressure level: 50 dB  
volume control: RTP = full on



Input at 2000 Hz  
volume control: full on



Input: 31.6 mA/m  
volume control: RTP



Solid line: filtered earhook  
Dotted line: unfiltered earhook

## TEST CONDITIONS

RTP-ANSI: Reference Test Position of the programmable volume control: Full on  
BATTERY: 10 Zinc Air Premium  
SOURCE: Voltage 1.3 V  
Impedance 6 Ohms  
EARHOOK: Filtered  
TUBING: Length 25 mm,  
Inside Diameter 1.93 mm  
Refer to: "Summary of Test Conditions and Limits" for more details.

**AID MARKING:** Conversa.NT Moda

## COMPLIANCE

Our products are designed to meet all of the limits required when tested in accordance with the applicable standard.

## REFERENCES

ASA: Acoustical Society of America, ANSI S3.22-1996  
FDA: Food and Drug Administration, Part 801

We reserve the right to change specification data without notice as improvements are introduced.

This product is manufactured under the protection of U.S. Patent #4349082 & #5204917.

Caution: Hearing aids and batteries can be harmful if swallowed or improperly used.

