



## 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



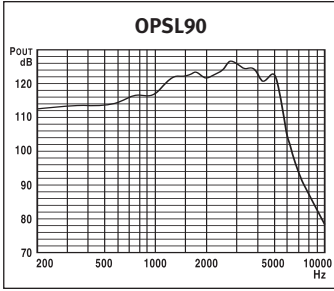
IEC 118-0 TECHNICAL DATA			
Conversa.NT Moda	Filtered Earhook	Unfiltered Earhook	Slim Tube Coupling
Peak Gain	51 dB	56 dB	48 dB
Peak Output	127 dB	130 dB	119 dB
Reference Test Gain	37 dB	42 dB	36 dB
Full on Average Gain*	42 dB	43 dB	10 dB
Average Output*	117 dB	119 dB	90 dB
Frequency Range (Hz)	200-5800	300-5700	1200-5600
Reference Test Frequency	1.6 kHz	1.6 kHz	2.5 kHz
Full on Gain at RTF	45 dB	51 dB	45 dB
Output at RTF	123 dB	128 dB	116 dB
Typical Battery Life (Zinc Air Premium)	80 h	80 h	80 h
Current Drain at RTG	1.1 mA	1.1 mA	1.1 mA
Output with Inductive Input at RTF, Quiet Mode Expansion "Off"	75 dB	80 dB	72 dB
Equivalent Input Noise at RTG	15 dB	12 dB	15 dB
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

\*Average of 500, 1000 and 1600 Hz

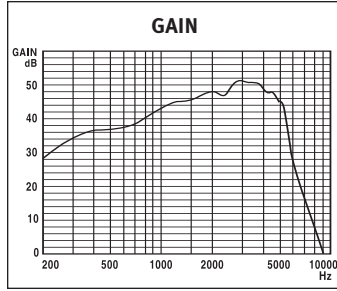
IEC 118-7 2CC COUPLER			
Peak Gain	40 dB	47 dB	38 dB
Peak Output	117 dB	124 dB	108 dB
Reference Test Gain	29 dB	32 dB	26 dB
Full on Gain at RTF	38 dB	41 dB	35 dB
Output at RTF	115 dB	118 dB	106 dB
Frequency Range (Hz)	200-5600	200-5600	1200-5800

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

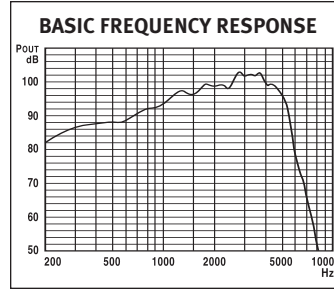
# CONVERSA.NT MODA BTE DIGITAL IEC 118-0 EAR SIMULATOR SPECIFICATIONS



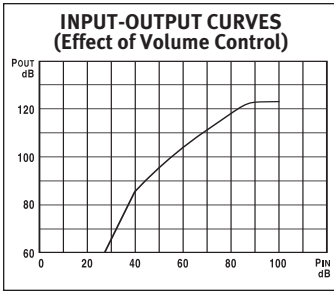
Input sound pressure level: 90 dB  
Volume control: full on



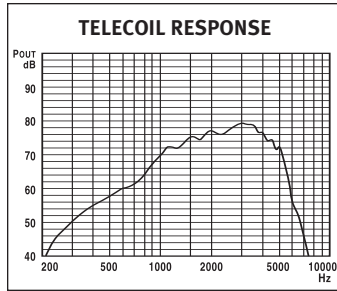
Input sound pressure level: 50 dB  
Volume control: full on



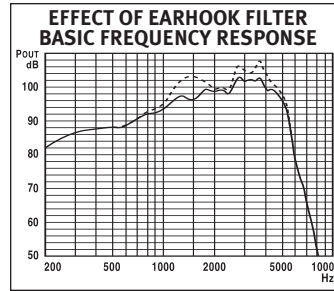
Input sound pressure level: 60 dB  
Volume control: RTG



Input at 1600 Hz  
Volume control: full on



Input: 1 mA/m  
Volume control: full on



Solid line: filtered earhook  
Dotted line: unfiltered earhook

## TEST CONDITIONS

RTG-IEC: Reference Test Gain of the programmable Volume Control (FOG - 7 dB)

BATTERY: 10 Zinc Air Premium  
SOURCE: Voltage 1.3 V  
Impedance 6 Ohms

EARHOOK: Unfiltered  
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

IEC: International Electrotechnical Commission Publication 118-0, 118-7 (1983)  
European Standard EN 60118-0/A1 February, 1994

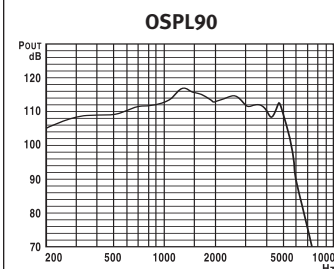
We reserve the right to change specification data without notice as improvements are introduced.

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

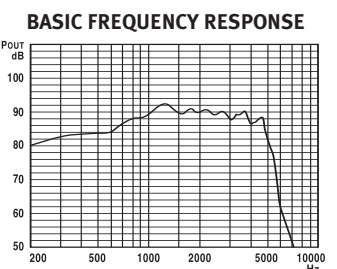
Caution: Hearing aids and batteries can be harmful if swallowed or improperly used.

Sound pressure level of this hearing aid exceeds 132 dB SPL.

## IEC 118-7 2CC COUPLER



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



Input sound pressure level: 60 dB  
Volume control: RTG