



Conversa.NT Moda 10A BTE

Speech Enhancement
Adaptive Beamformer, Open Fitting Option

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
- 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 version of Unifit

OPTIONS

- Slim tube coupling for instant open fittings
- Tamper-resistant battery door
- Unfiltered earhook
- Choice of shell colors



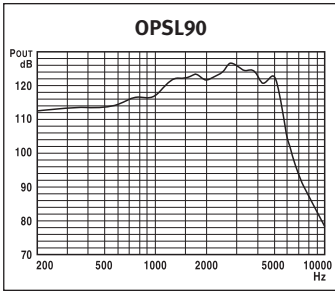
| IEC 118-0 TECHNICAL DATA | | | |
|----------------------------------------------------------------|------------------|--------------------|--------------------|
| Conversa.NT Moda | Filtered Earhook | Unfiltered Earhook | Slim Tube Coupling |
| Peak Gain | 51 dB | 56 dB | 48 dB |
| Peak Output | 127 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

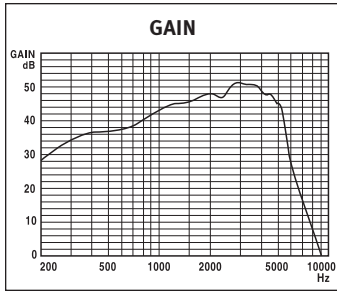
| IEC 118-7 2CC COUPLER | | | |
|-----------------------|----------|----------|-----------|
| Peak Gain | 40 dB | 47 dB | 38 dB |
| Peak Output | 117 dB | 125 dB | 108 dB |
| Reference Test Gain | 29 dB | 32 dB | 26 dB |
| Full on Gain at RTF | 38 dB | 41 dB | 35 dB |
| Output at RTF | 115 dB | 118 dB | 106 dB |
| Frequency Range (Hz) | 200-5600 | 200-5600 | 1200-5800 |

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

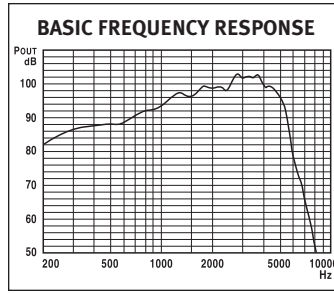
CONVERSA.NT MODA BTE DIGITAL IEC 118-0 EAR SIMULATOR SPECIFICATIONS



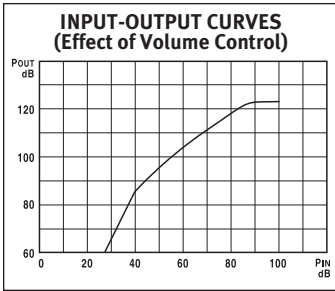
Input sound pressure level: 90 dB
Volume control: full on



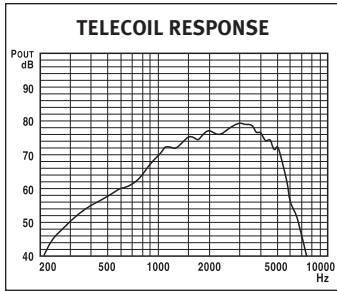
Input sound pressure level: 50 dB
Volume control: full on



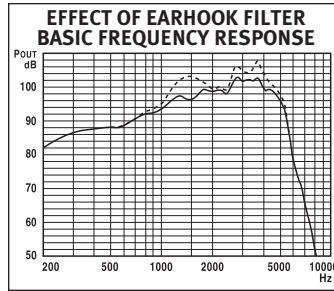
Input sound pressure level: 60 dB
Volume control: RTG



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 Position 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

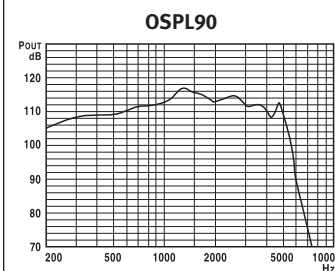
We reserve the right to change specification data without notice as improvements are introduced.

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

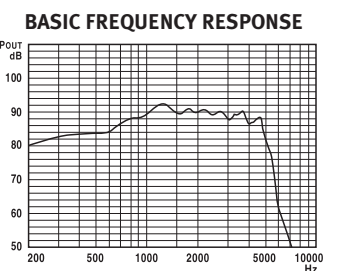
Caution: Hearing aids and batteries can be harmful if swallowed or improperly used.

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

