



Conversa™ with ClearCall Mini-BTE

Realtime Feedback Canceller, Intelligent Noise Reduction,
Vector Directionality, ClearPath™ Processing Strategy

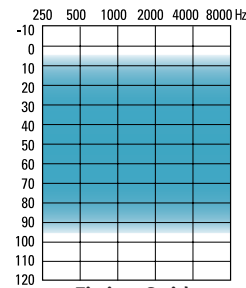
HEARING AID FEATURES

- 16 channels provide high resolution signal processing
- Realtime feedback canceller reacts within milliseconds using independent narrow band detectors to provide precise and adaptive cancellation
- ClearPath™ Technology
 - Noise reduction based on intelligent signal detection system with speech weighting factors. Fast time constants provide rapid reaction to incoming signals. Choice of settings: off, moderate, maximum
 - Selectable vector directional microphone for improved signal-to-noise ratio, AI-DI = 5.3 dB
 - ClearPath processing strategy applies the appropriate scheme based on input level independently across all channels to provide maximum flexibility in frequency shaping for soft, moderate and loud inputs (quiet mode expansion, linear, wide dynamic range compression, compression limiting)
- Up to three programs allowing customization for different listening environments
- Telecoil (T) mode or Microphone/Telecoil (MT) mode can be set as one of the three independent programs
- Users choose program through function switch; audible beep confirms selection
- Start up mute
- Low battery warning
- Conversa can be programmed using NOAH-compatible Unifit™ and Standalone Unifit
- O-M-P function switch: three positions Off–Microphone–Program
- Direct Audio Input - MLx compatible
- Manual volume control can be disabled through software
- Battery size: 13

OPTIONS

- Tamper-resistant volume control
- Tamper-resistant battery door
- Filtered earhook
- Multi-memory Selector (MMS)
- Child-sized earhook
- Choice of shell colors

SUITABLE FOR FITTING MILD TO SEVERE HEARING LOSSES



Fitting Guide

Can fit audiogram configurations ranging from reverse to precipitously sloping.

IEC 118-0 TECHNICAL DATA

Frequency Range	100-6500 Hz
Peak Gain	68 dB
Peak Output	142 dB
Reference Test Gain	52 dB
Full on Average Gain*	59 dB
Average Output*	131 dB
Reference Test Frequency	1.6 kHz
Full on Gain at 1.6 kHz	62 dB
Output at 1.6 kHz	134 dB
Typical Battery Life (Zinc Air Premium)	290 h
Current Drain at RTG	1.0 mA
Output with Inductive Input at 1.6 kHz Quiet Mode Expansion "Off"	95 dB
Equivalent Input Noise at RTG	< 15 dB
Fast Time Constant	
Attack Time	< 40 ms
Release Time	100 ms
Slow Time Constant	
Attack Time	250 ms
Release Time	300 ms
Compression Ratio	
Wide Dynamic Range Compression	4:1 to 1:1
Output Limiting	20:1

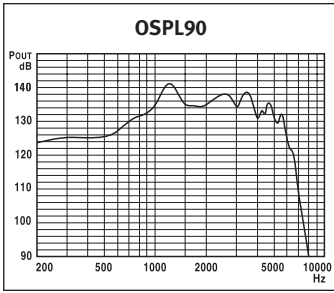
*Average of 500, 1000, and 2,000 Hz

IEC 118-7 2cc COUPLER TECHNICAL DATA

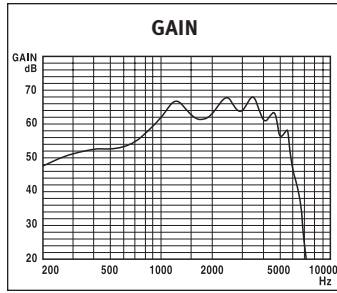
Frequency Range	100-6500 Hz
Peak Gain	60 dB
Peak Output	135 dB
Reference Test Gain	42 dB
Full on Gain at 1.6 kHz	52 dB
Output at 1.6 kHz	124 dB

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

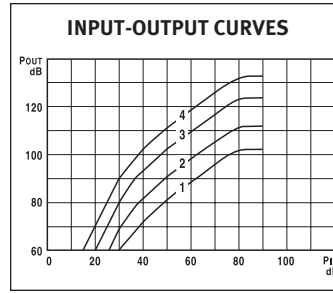
CONVERSA DIGITAL MINI-BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



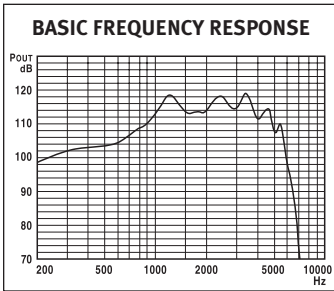
Input sound pressure level: 90 dB
Volume Control: full on



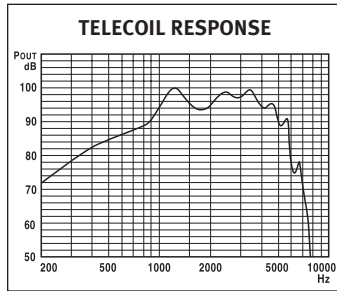
Input sound pressure level: 50 dB
Volume Control: full on



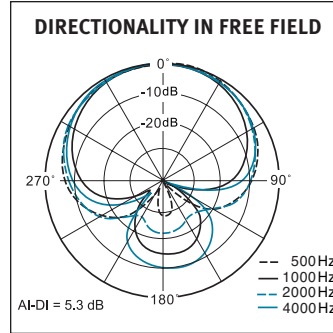
Input at 1600 Hz
Volume Control: as shown



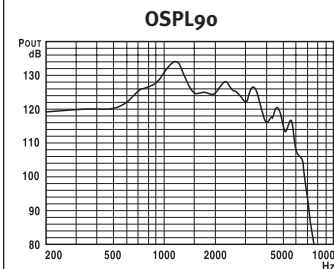
Input sound pressure level: 60 dB
Volume Control: RTG



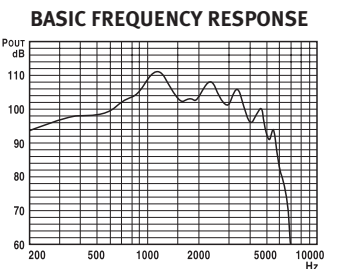
Input: 1 mA/m
Volume Control: full on



IEC 118-7 2cc COUPLER



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



Input sound pressure level: 60 dB
Volume Control: RTG

TEST CONDITIONS

RTG-IEC: Reference Test Gain of the Volume Control: 3.2
BATTERY: 13 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
with **MMS:** Conversa_

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 EN60118/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.



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