



Liaison™ BTE with volume control Dynamic SoundScene™ Adaptive Beamformer, Realtime Feedback Cancellor

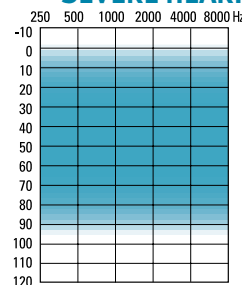
HEARING AID FEATURES

- Dynamic SoundScene™ provides comfortable, effortless and discreet transitions within a single program:
 - Adaptive Beamformer manages noise from any direction, even if it is in motion, for better speech intelligibility
 - Intelligent Noise Reduction 2.0 analyzes input on three dimensions and automatically reduces noise signals independently in each of the 16 channels. Customizable with activation level and degree of noise reduction settings
 - Realtime feedback canceller reacts within milliseconds using independent narrow band detectors to provide precise and adaptive feedback cancellation
 - 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 for accurate mapping of a wide range of input levels (quiet mode expansion, linear, wide dynamic range compression, output limiting)
- Up to three programs to provide flexibility for personalized fittings
- Manual mode offers customizable programs for unique listening needs
- Telecoil (T) or Microphone/Telecoil (MT) option can be set as one of the three programs
- Start up mute
- Wearers choose program through push button; audible beep confirms selection
- Low battery warning
- Ideal volume indicator provides beep notification when correct gain is reached on the volume control
- Manual volume control can be disabled through software
- On/Off by opening or closing the battery door
- Liaison can be programmed using NOAH-compatible Unifit™ and Standalone Unifit
- Direct Audio Input compatible
- MLx compatible
- Battery size: 13

OPTIONS

- Tamper-resistant volume control
- Tamper-resistant battery door
- Filtered earhook
- Choice of shell colours
- Direct Audio Input battery door unit

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	100-6400 Hz
Peak Gain	67 dB
Peak Output	132 dB
Reference Test Gain	49 dB
Full on Average Gain*	60 dB
Average Output*	126 dB
Reference Test Frequency	1.6 kHz
Full on Gain at 1.6 kHz	61 dB
Output at 1.6 kHz	125 dB
Typical Battery Life (Zinc Air Premium)	265 h
Current Drain at RTG	1.1 mA
Output with Inductive Input at 1.6 kHz Quiet Mode Expansion "Off"	90 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 Compression Limiting	20:1

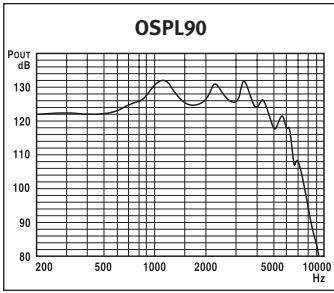
*Average of 500, 1000, and 2,000 Hz

IEC 118-7 2cc COUPLER TECHNICAL DATA

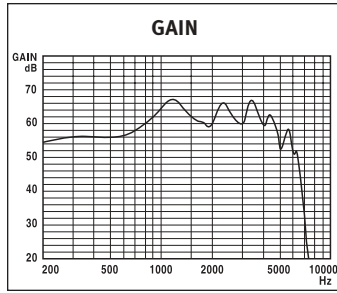
Frequency Range	100-5800 Hz
Peak Gain	60 dB
Peak Output	127 dB
Reference Test Gain	40 dB
Full on Gain at 1.6 kHz	52 dB
Output at 1.6 kHz	116 dB

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

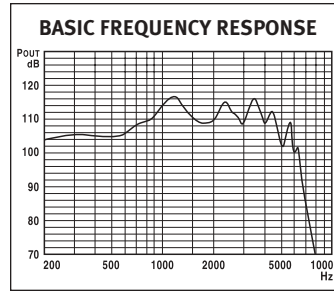
LIAISON DIGITAL BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



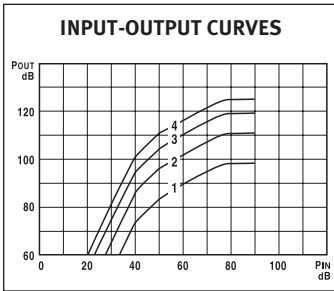
Input sound pressure level: 90 dB
Volume Control: full on



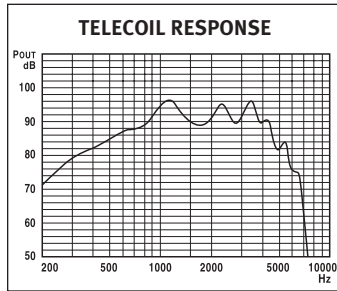
Input sound pressure level: 50 dB
Volume Control: full on



Input sound pressure level: 60 dB
Volume Control: RTG

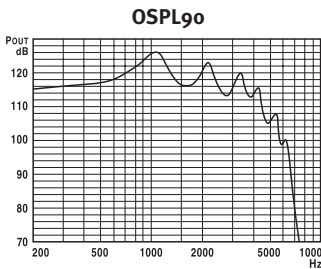


Input at 1600 Hz
Volume Control: as shown

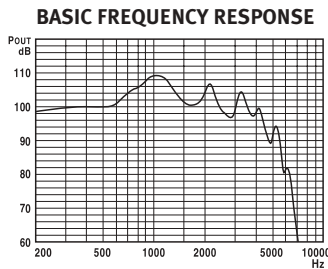


Input: 1 mA/m
Volume Control: full on

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: Liaison

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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