



Liaison™ BTE with volume control

Dynamic SoundScene™ Adaptive Beamformer, Realtime Feedback Canceller

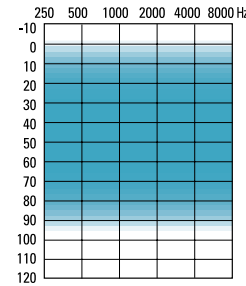
HEARING AID FEATURES

- 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

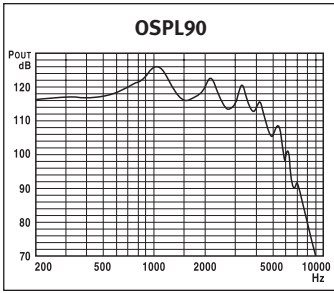
Can fit audiogram configurations ranging from reverse to precipitously sloping.

ANSI 3.22-1996 TECHNICAL DATA

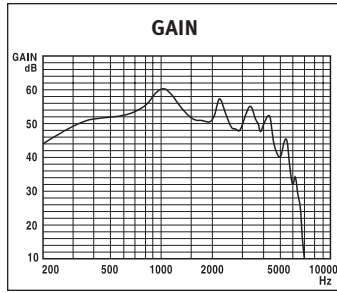
Frequency Range	200-5800 Hz	
Peak Gain	60 dB	
Peak Output	127 dB	
Reference Test Gain	42 dB	
HF Average Gain	54 dB	
HF Average OSPL90	119 dB	
Typical Battery Life (Zinc Air Premium)	265 h	
Current Drain at RTP	1.1 mA	
Telephone Magnetic Field Simulator		
HFS SPLITS	97 dB	
STS SPLITS	-5.0 dB	
Equivalent Input Noise at RTP	15 dB	
Total Harmonic Distorsion at RTP		
500 Hz	typical 3%	< 5%
800 Hz	typical 1%	< 5%
1600 Hz	typical 1%	< 5%
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	

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

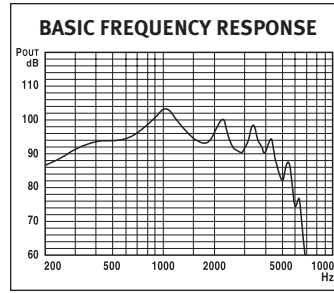
LIAISON DIGITAL BTE ANSI SPECIFICATIONS



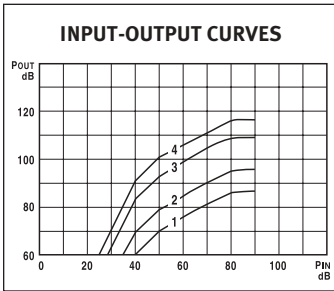
Input sound pressure level: 90 dB
Volume Control: full on



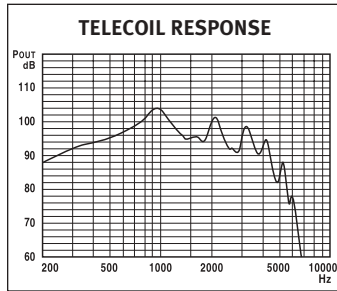
Input sound pressure level: 50 dB
Volume Control: full on



Input sound pressure level: 50 dB
Volume Control: RTP



Input at 2000 Hz
Volume Control: as shown



Input: 31.6 mA/m
Volume Control: RTP

TEST CONDITIONS

RTP-ANSI: Reference Test Position of the Volume Control: 3.1
 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

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.

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



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