



## Unison 2 Power Mini BTE

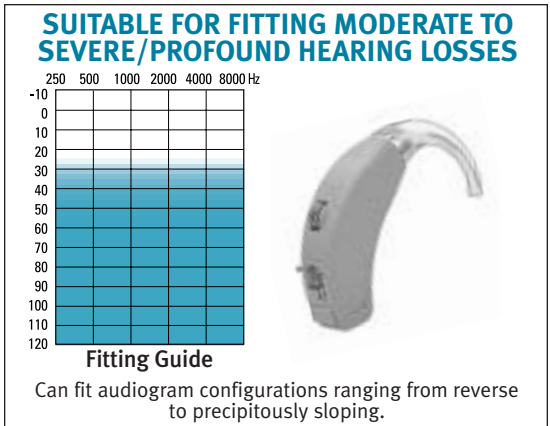
Two Memory  
4 Bands, 2 Channels, Digital WDRC<sup>2</sup>

### HEARING AID FEATURES

- 4 bands provide flexibility in frequency shaping for audiometric configurations and client preferences
- 2 channel Digital Wide Dynamic Range Compression (Digital WDRC<sup>2</sup>)
- 2 programs allow customization for different listening environments
- Quiet Mode Expansion for improved sound quality in quiet environments and reduced microphone and circuit noise
- Feedback Manager at fitting time via Unifit software
- Telecoil (T) mode or Microphone/Telecoil (MT) available using 3rd position of program switch
- Users choose program through function switch; audible beep confirms selection
- Low battery warning
- Unison 2 Power can be programmed using NOAH-compatible Unifit and Standalone Unifit
- O-M-P Function Switch: 3 positions Off–Microphone–Program
- Manual Volume Control can be disabled in software
- Direct Audio Input - MLx compatible
- Battery size 13

### OPTIONS

- Tamper-resistant volume control
- Filtered earhook
- Child-sized earhook
- Choice of shell colours



### IEC 118-0 TECHNICAL DATA

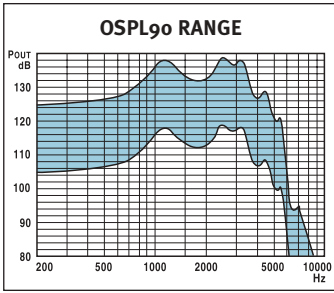
Frequency Range	100-4900 Hz
Peak Gain	79 dB
Peak Output	140 dB
Reference Test Gain	58 dB
Full on Average Gain*	70 dB
Average Output*	132 dB
Reference Test Frequency	1.6 kHz
Full on Gain at 1.6 kHz	72 dB
Output at 1.6 kHz	132 dB
Typical Battery Life (13 Zinc Air Premium)	175 h
Current Drain at RTG	1.3 mA
Output with Inductive Input at 1.6 kHz (Quiet Mode Expansion: off)	98 dB
Equivalent Input Noise Level at RTG (50 dB in)	18 dB
Fast Time Constant	
Attack Time	<10 ms
Release Time	80 ms
Slow Time Constant	
Attack Time	40 ms
Release Time	400 ms
Compression Ratio	
Wide Dynamic Range Compression	4:1 to 1:1

\*Quiet Mode Expansion: in "0.5:1" position

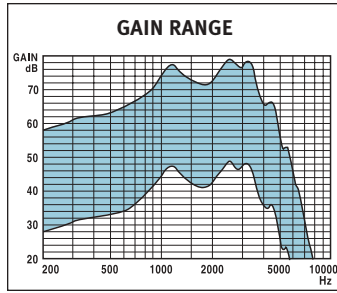
### IEC 118-7 2CC COUPLER

Frequency Range	100-4700 Hz
Peak Gain	70 dB
Peak Output	135 dB
Reference Test Gain	48 dB
Full on Gain at 1.6 kHz	62 dB
Output at 1.6 kHz	123 dB

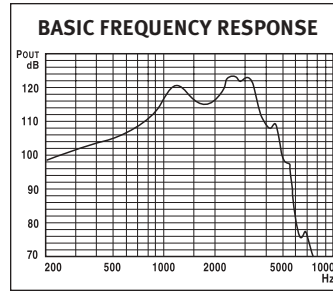
# UNISON 2 POWER MINI BTE DIGITAL IEC 118-0 EAR SIMULATOR SPECIFICATIONS



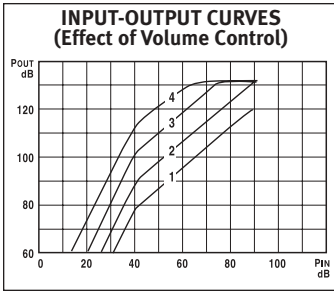
Input sound pressure level: 90 dB  
Volume Control: full on



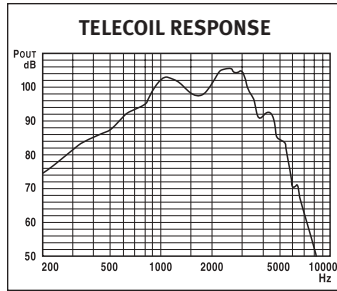
Input sound pressure level: 50 dB  
Volume Control: full on



Input sound pressure level: 60 dB  
Volume Control: RTG

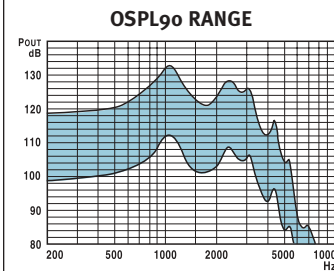


Input at 1600 Hz  
Volume Control: as shown

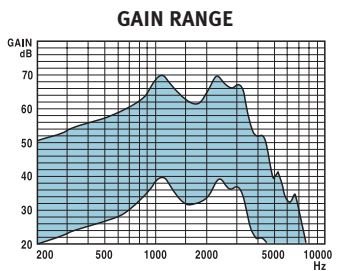


Input: 1 mA/m  
Volume Control: full on

## IEC 118-7 2CC COUPLER



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



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

### TEST CONDITIONS

RTG-IEC: Reference Test Gain of the Volume Control: 2.9  
 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:** Unison 2P

### 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  
 JIS: Japanese Industrial Standard JIS C 5512-2000

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.

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



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