



## UM60 Mini-BTE

Linear  
General Purpose, Broadband Response

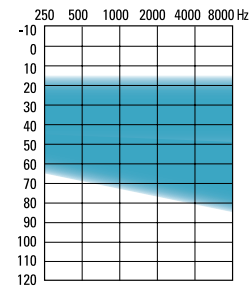
### HEARING AID FEATURES

- Powerful telecoil
- Gain tied to Maximum Power Output
- Two controls for fitting flexibility:  
T - Tone  
P - Power
- Controls continuously adjustable with end stops
- Surface Mount Technology
- Volume Control: numbered 1 (low) to 4 (high)
- M-T-O Switch: 3 positions Microphone–Telecoil–Off
- Slim mini-housing
- Unfiltered earhook
- Battery size: 13
- Fitting is supported by NOAH-compatible Unifit or Standalone Unifit

### OPTIONS

- Filtered earhook
- Child-sized earhook
- Brown or grey housing

### SUITABLE FOR FITTING MILD TO MODERATELY SEVERE HEARING LOSSES



Fitting Guide



### IEC 118-0 TECHNICAL DATA

Frequency Range	400-5700 Hz	
P (Power) Control Setting	-15	0
Peak Gain	46 dB*	62 dB
Peak Output	115 dB	130 dB
Reference Test Gain	47 dB	
Full on Average Gain**	35 dB*	51 dB
Average Output**	111 dB	125 dB
Reference Test Frequency	1.6 kHz	
Full on Gain at 1.6 kHz	36 dB*	54 dB
Output at 1.6 kHz	110 dB	122 dB
Typical Battery Life (Zinc Air Premium)	290 h	290 h
Current Drain at RTG	1.0 mA	1.0 mA
Output with Inductive Input at 1.6 kHz	86 dB	
Equivalent Input Noise at RTG	26 dB	

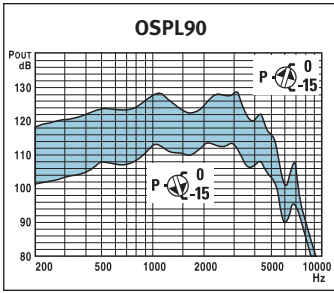
\*at P=-15, reduced input level was used to avoid saturation

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

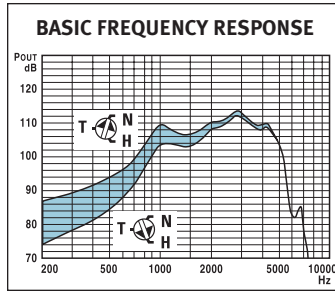
### IEC 118-7 2cc COUPLER TECHNICAL DATA

Frequency Range	250-5700 Hz
Peak Gain	54 dB
Peak Output	126 dB
Reference Test Gain	38 dB
Full on Gain at 1.6 kHz	47 dB
Output at 1.6 kHz	114 dB

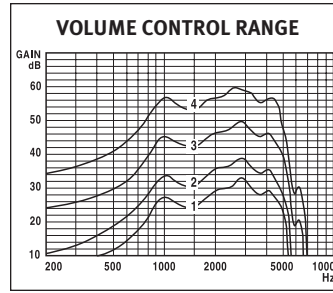
# UM60 MINI-BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



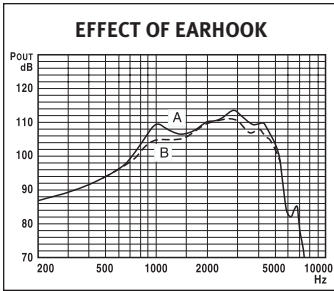
Input sound pressure level: 90 dB  
Volume Control: full on  
T: N



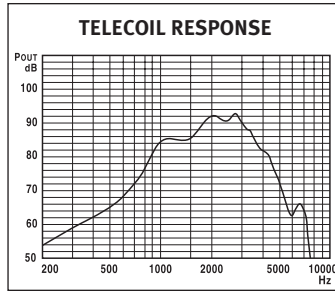
Input sound pressure level: 60 dB  
Volume Control: RTG  
P: O



Input sound pressure level: 50 dB  
Volume Control: as shown  
T: N P: O

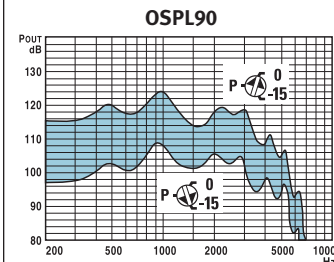


Input sound pressure level: 60 dB  
Volume Control: RTG  
"A" unfiltered, standard  
"B" filtered, optional

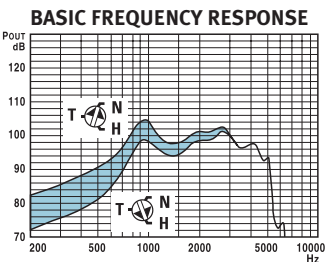


Input: 1 mA/m  
Volume Control: full on  
T: N P: O

## IEC 118-7 2cc COUPLER



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



Input sound pressure level: 60 dB  
Volume Control: RTG  
P: O

### TEST CONDITIONS

RTG-IEC: Reference Test Gain of the Volume Control: 3  
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: UM60

### 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.



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