



UM60 H Mini-BTE

Input Compression
High-Frequency Emphasis

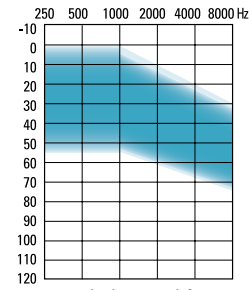
HEARING AID FEATURES

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

OPTIONS

- Unfiltered earhook
- Child-sized earhook
- Brown or gray housing

SUITABLE FOR FITTING MILD TO MODERATE HEARING LOSSES



Fitting Guide



Can fit audiogram configurations ranging from flat to sloping.

IEC 118-0 TECHNICAL DATA

Frequency Range	660-5600 Hz	
P (Power) Control Setting	-18	0
Peak Gain	38 dB*	59 dB
Peak Output	106 dB	124 dB
Reference Test Gain	44 dB	
Full on Average Gain**	25 dB*	45 dB
Average Output**	94 dB	113 dB
Reference Test Frequency	2.5 kHz	
Full on Gain at 2.5 kHz	34 dB	54 dB
Output at 2.5 kHz	100 dB	119 dB
Typical Battery Life (Zinc Air Premium)	480 h	240 h
Current Drain at RTG	0.6 mA	1.2 mA
Output with Inductive Input at 2.5 kHz	91 dB	
Equivalent Input Noise at RTG	25 dB	
Data applicable at P = -18		
Attack Time	10 ms	
Release Time	95 ms	
Compression Ratio	10:1	

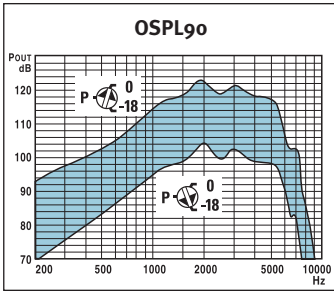
*at P=-18, reduced input level was used to avoid saturation

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

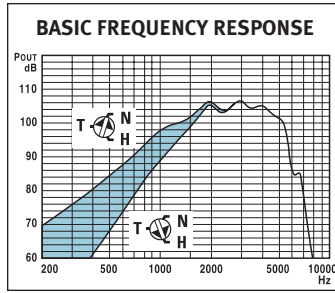
IEC 118-7 2cc COUPLER TECHNICAL DATA

Frequency Range	550-5800 Hz
Peak Gain	50 dB
Peak Output	117 dB
Reference Test Gain	34 dB
Full on Gain at 2.5 kHz	46 dB
Output at 2.5 kHz	108 dB

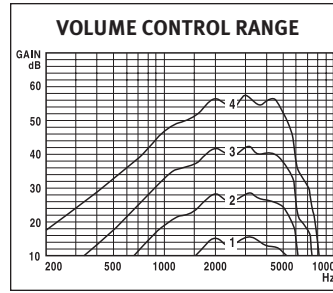
UM60 H MINI-BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



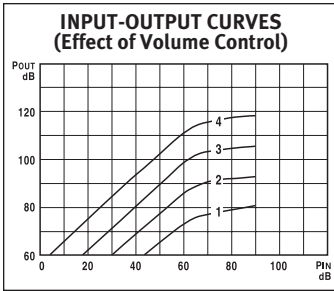
Input sound pressure level: 90 dB
Volume Control: full on
T: N P: 0



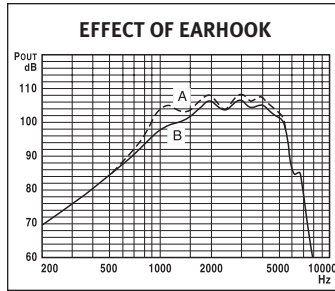
Input sound pressure level: 60 dB
Volume Control: RTG
P: 0



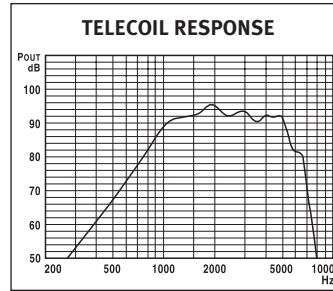
Input sound pressure level: 50 dB
Volume Control: as shown
T: N P: 0



Input at 2500 Hz
Volume Control: as shown
T: N P: 0

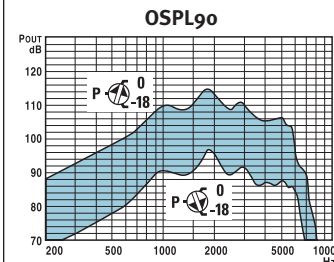


Input sound pressure level: 60 dB
Volume Control: RTG
"A" unfiltered, optional
"B" filtered, standard

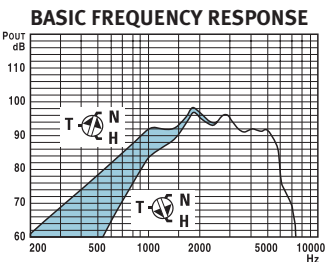


Input: 1 mA/m
Volume Control: full on
T: N P: 0

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: 0

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: Filtered
TUBING: Length 25 mm,
Inside Diameter 1.93 mm
Refer to: "Summary of Test Conditions and Limits" for more details.

AID MARKING: UM60-H

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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