



UM6o D Mini-BTE

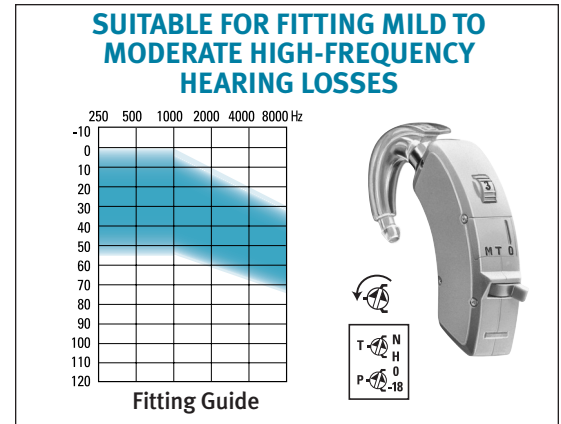
Directional
Compression (FDC), High-Frequency Emphasis

HEARING AID FEATURES

- Frequency Dependent Input Compression (FDC)
- Directional microphone
- Powerful telecoil
- Active Tone Control
- Gain tied to Maximum Power Output
- Maximum Power Output and Tone Control 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
- Filtered earhook
- Battery size: 13

OPTIONS

- Direct Audio Input
- CROS/BiCROS
- Unfiltered earhook
- Child-sized earhook
- Brown or grey housing



IEC 118-0 TECHNICAL DATA

Frequency Range	825-5600 Hz	
Reference Test Frequency	2.5 kHz	
P (Power) Control Setting	-18	0
Peak Gain	44 dB	64 dB
Peak Output	107 dB	125 dB
Reference Test Gain	45 dB	
Full on Average Gain**	29 dB	47 dB
Average Output**	97 dB	114 dB
Full on Gain at 2.5 kHz	40 dB	59 dB
Output at 2.5 kHz	103 dB	120 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	92 dB	
Equivalent Input Noise at 2.5 kHz	23 dB	
Attack Time	10 ms	
Release Time	95 ms	
Compression Ratio	10:1	

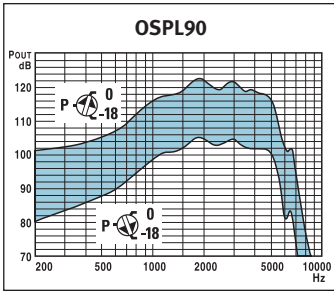
*at P=-18, reduced input level was used to avoid saturation

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

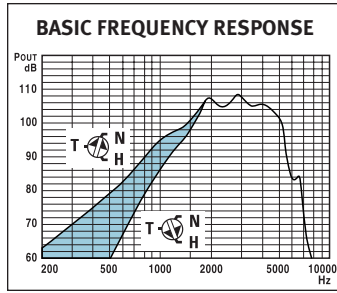
IEC 118-7 2cc COUPLER TECHNICAL DATA

Frequency Range	630-5700 Hz
Peak Gain	55 dB
Peak Output	117 dB
Reference Test Gain	35 dB
Full on Gain at 2.5 kHz	50 dB
Output at 2.5 kHz	110 dB

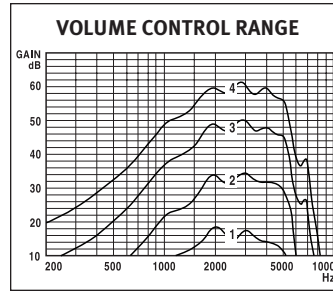
UM60 D MINI-BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



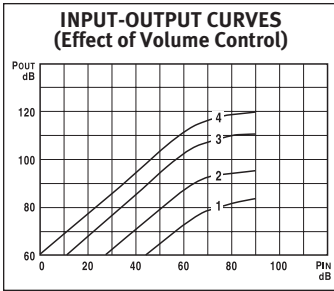
Input sound pressure level: 90 dB
Volume Control: full on
T: N



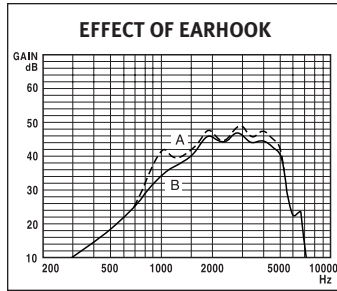
Input sound pressure level: 60 dB
Volume Control: RTG
P: O



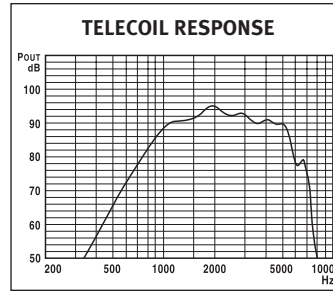
Input sound pressure level: 50 dB
Volume Control: as shown
T: N P: O



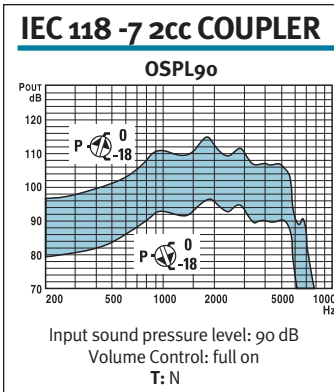
Input at 2500 Hz
Volume Control: as shown
T: N P: O



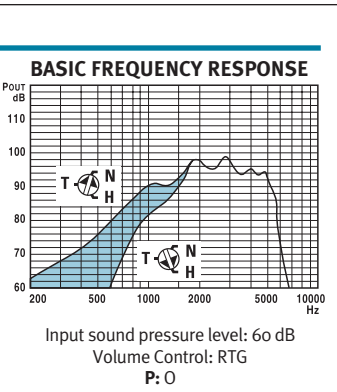
Input sound pressure level: 60 dB
Volume Control: RTG
"A" unfiltered, optional
"B" filtered, standard



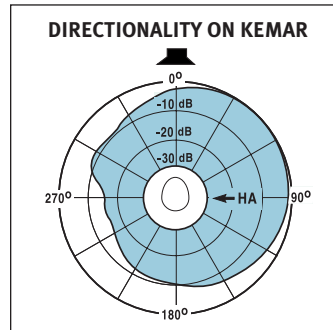
Input: 1 mA/m
Volume Control: full on
T: N P: O



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



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



Noise with spectrum of speech
Directional microphone decreases sensitivity to sound coming from behind listener.

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-D

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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