



UM60 AGCo Mini-BTE

Output Compression
General Purpose, Broadband Response

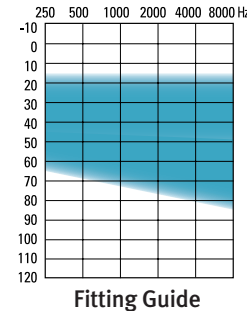
HEARING AID FEATURES

- Output Compression
- Powerful Telecoil
- Two controls provide fitting flexibility:
T - Active Tone Control
P - Power Control
- Controls continuously adjustable with end stops
- Gain Independent of 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
- 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



IEC 118-0 TECHNICAL DATA

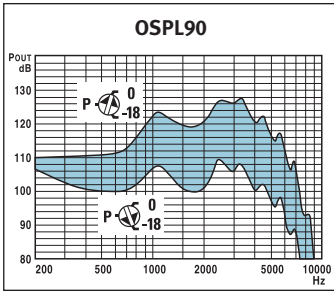
Frequency Range	440-7000 Hz	
P (Power) Control Setting	-18	0
Peak Gain	60 dB	65 dB
Peak Output	112 dB	130 dB
Reference Test Gain	45 dB	
Full on Average Gain*	48 dB	50 dB
Average Output*	100 dB	118 dB
Reference Test Frequency	1.6 kHz	
Full on Gain at 1.6 kHz	50 dB	54 dB
Output at 1.6 kHz	102 dB	120 dB
Typical Battery Life (Zinc Air Premium)	265 h	265 h
Current Drain at RTG	1.1 mA	1.1 mA
Output with Inductive Input at 1.6 kHz	82 dB	
Equivalent Input Noise at RTG	26 dB	
Attack Time	20 ms	
Release Time	120 ms	
Compression Ratio	10:1	

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

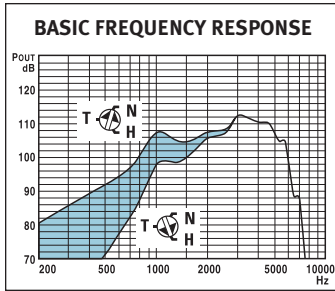
IEC 118-7 2cc COUPLER TECHNICAL DATA

Frequency Range	320-6150 Hz	
Peak Gain	54 dB	
Peak Output	124 dB	
Reference Test Gain	37 dB	
Full on Gain at 1.6 kHz	48 dB	
Output at 1.6 kHz	112 dB	

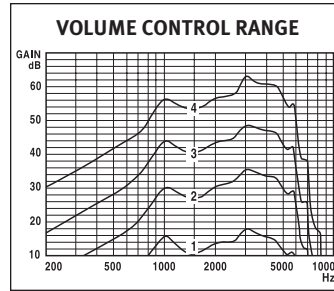
UM60 AGCo MINI-BTE IEC 118-o EAR SIMULATOR SPECIFICATIONS



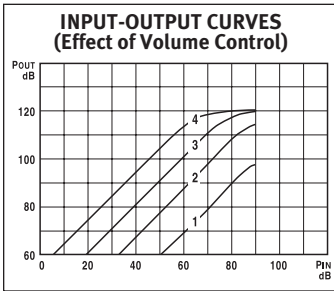
Input sound pressure level: 90 dB
Volume Control: full on
T: N P: 0



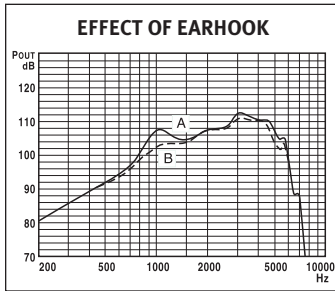
Input sound pressure level: 60 dB
Volume Control: RTG
P: 0



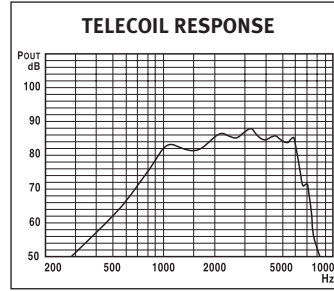
Input sound pressure level: 50 dB
Volume Control: as shown
T: N P: 0



Input at 1600 Hz
Volume Control: as shown
T: N P: 0

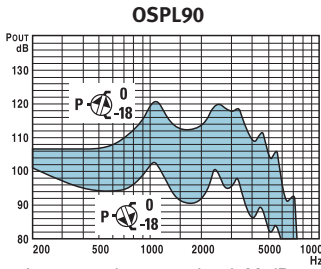


Input sound pressure level: 60 dB
Volume Control: RTG
"A" unfiltered, standard
"B" filtered, optional

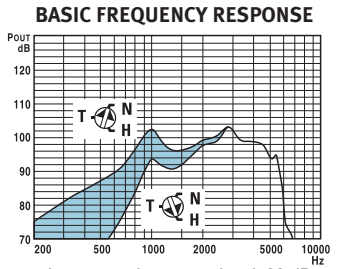


Input: 1mA/m
Volume Control: full on
T: N P: 0

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

AID MARKING: UM60-AGCo

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-o, 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.

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



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