



UM60 AGCo Mini-BTE

Output Compression
General Purpose, Broadband Response

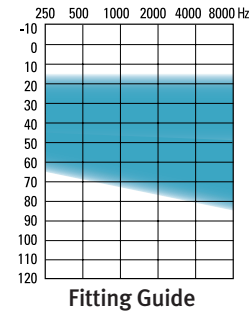
HEARING AID FEATURES

- 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

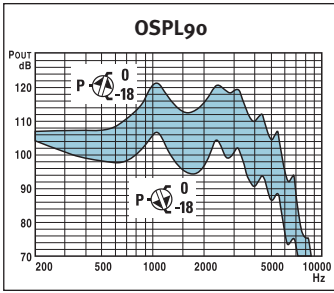


ANSI S3.22-1996 TECHNICAL DATA

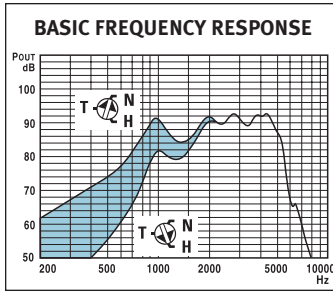
Frequency Range	350-5800 Hz	
P (Power) Control Setting	-18	0
Peak Gain	51 dB	54 dB
Peak Output	106 dB	124 dB
Reference Test Gain	40 dB	
HF Average Gain (50 dB in)	47 dB	50 dB
HF Average SSPL90	100 dB	117 dB
Typical Battery Life (Zinc Air Premium)	480 h	240 h
Current Drain at RTP	0.6 mA	1.2 mA
Telephone Magnetic Field Simulator		
HFA SPLITS	93 dB	
STS SPLITS	-7 dB	
Equivalent Input Noise at RTP typical 20 dB	21 dB	
Total Harmonic Distortion at RTP		
500 Hz	not applicable	
800 Hz	typical 2%	< 8%
1600 Hz	typical 2%	< 8%
Attack Time	20 ms	
Release Time	120 ms	
Compression Ratio	10:1	

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

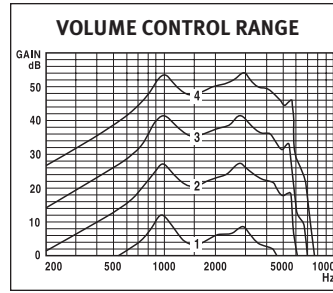
UM60 AGCo MINI-BTE ANSI SPECIFICATIONS



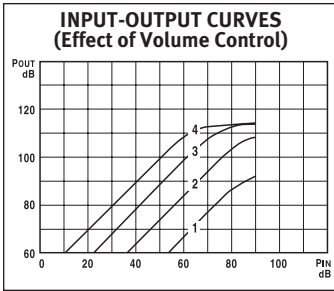
Input sound pressure level: 90 dB
Volume Control: full on
T: N



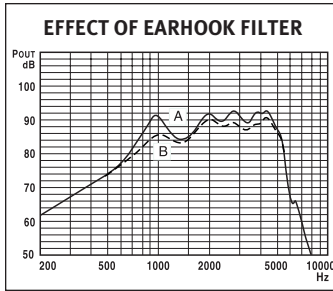
Input sound pressure level: 50 dB
Volume Control: RTP
P: 0



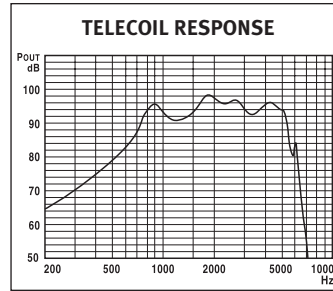
Input sound pressure level: 50 dB
Volume Control: as shown
T: N **P: 0**



Input at 2000 Hz
Volume Control: as shown
T: N **P: 0**



Input sound pressure level: 50 dB
Volume Control: RTP
"A" unfiltered, standard
"B" filtered, optional



Input: 31.6 mA/m
Volume Control: RTP
T: N **P: 0**

TEST CONDITIONS

RTP-ANSI: Reference Test Position 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

ASA: Acoustical Society of America, ANSI S3.22-1996
FDA: Food and Drug Administration, Part 801

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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