



UM60 H Mini-BTE

Compression (FDC)
High-Frequency Emphasis

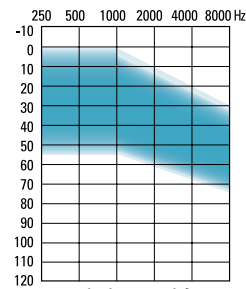
HEARING AID FEATURES

- Frequency Dependent Input Compression (FDC)
- Powerful telecoil
- Two controls provide fitting flexibility
T - Active Low-cut Tone
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

OPTIONS

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

SUITABLE FOR FITTING MILD TO MODERATE HIGH-FREQUENCY HEARING LOSSES



Fitting Guide

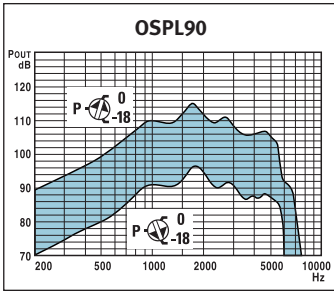


ANSI S3.22-1996 TECHNICAL DATA

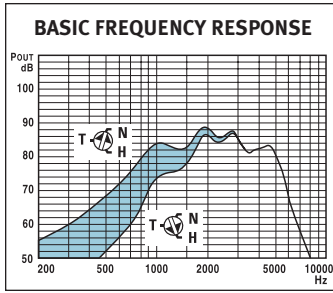
Frequency Range	400-6000 Hz	
P (Power) Control Setting	-18	0
Peak Gain	29 dB*	50 dB
Peak Output	99 dB	117 dB
Reference Test Gain	34 dB	
HF Average Gain 50 dB in	23 dB*	44 dB
HF Average Output	91 dB	111 dB
Typical Battery Life (Zinc Air Premium)	480 h	240 h
Current Drain at RTP	0.6 mA	1.2 mA
Telephone Magnetic Field Simulator		
HFA SPLITS	99 dB	
STS SPLITS	5.0 dB	
Equivalent Input Noise at RTP typical 22 dB	< 27 dB	
Total Harmonic Distortion		
500 Hz	not applicable	
800 Hz	typical 2%	< 8%
1600 Hz	typical 2%	< 8%
Attack Time	10 ms	
Release Time	95 ms	
Compression Ratio	10:1	

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

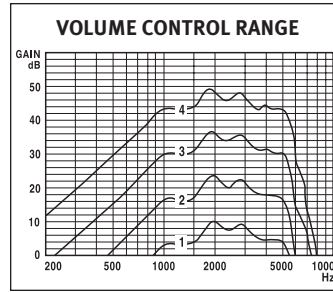
UM60 H MINI-BTE ANSI SPECIFICATIONS



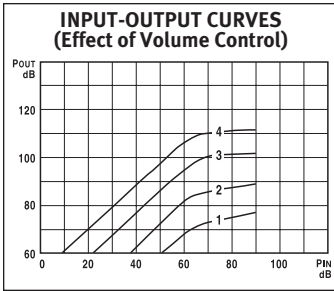
Input sound pressure level: 90 dB
Volume Control: full on
T: N



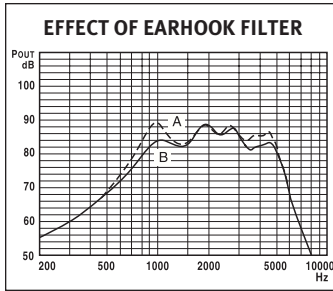
Input sound pressure level: 50 dB
Volume Control: RTP
P: 0



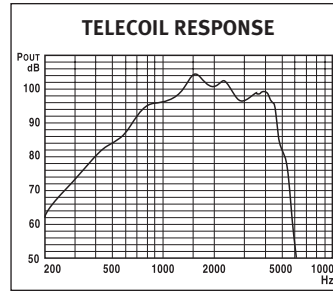
Input sound pressure level: 50 dB
Volume Control: as shown
T: N **P: 0**



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



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



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: 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

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.



CORPORATE OFFICE

Kitchener, Ontario, Canada
877 492 6244; 519 895 0100
fax 519 895 0108

CANADA

Cambridge, Ontario
800 265 8255; 519 650 9111
fax 800 949 6663

U.S.A.

Plymouth, Minnesota
800 888 8882; 763 744 3300
fax 763 557 8828

INTERNATIONAL

Kitchener, Ontario, Canada
519 895 0100
fax 519 895 2318

EUROPE

Bremen, Germany
49 421 43 87 90
fax 49 421 48 81 56

www.unitronhearing.com