



## UM60 Mini-BTE

Linear  
General Purpose, Broadband Response

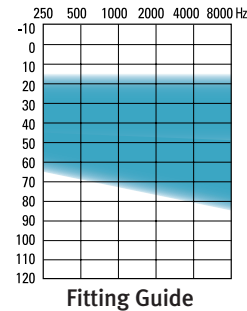
### HEARING AID FEATURES

- Powerful telecoil
- Gain tied to Maximum Power Output
- Two controls provide fitting flexibility:  
T - Low-cut Tone  
P - Power
- Controls 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
- Unfiltered earhook
- Battery size: 13
- Fitting is supported by NOAH-compatible Unifit or Standalone Unifit

### OPTIONS

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

### SUITABLE FOR FITTING MILD TO MODERATELY SEVERE HEARING LOSSES

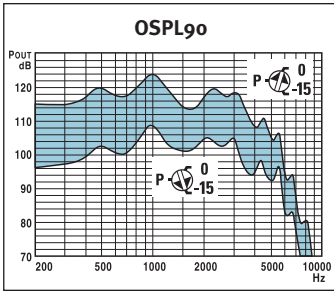


### ANSI S3.22-1996 TECHNICAL DATA

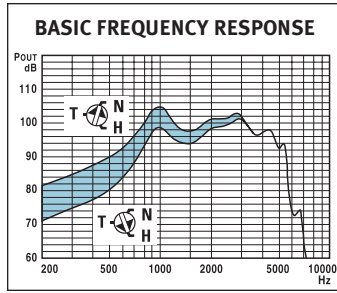
Frequency Range	200-5800 Hz	
P (Power) Control Setting	-15	0
Peak Gain	40 dB*	53 dB
Peak Output	111 dB	126 dB
Reference Test Gain	41 dB	
HF Average Gain (50 dB in)	32 dB*	50 dB
HF Average SSPL90	104 dB	118 dB
Typical Battery Life (Zinc Air Premium)	485 h	320 h
Current Drain at RTP	0.6 mA	0.9 mA
Telephone Magnetic Field Simulator		
HFA SPLITS	91 dB	
STS SPLITS	-10 dB	
Equivalent Input Noise at RTP typical 21 dB	25 dB	
Total Harmonic Distortion at RTP		
500 Hz	not applicable	
800 Hz	typical 2%	< 8%
1600 Hz	typical 2%	< 8%

\*at P=-15, reduced input level was used to avoid saturation

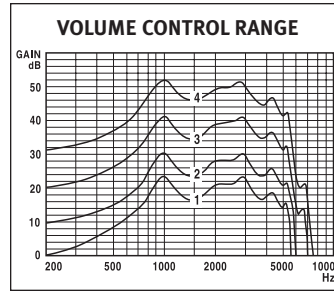
# UM60 MINI-BTE ANSI SPECIFICATIONS



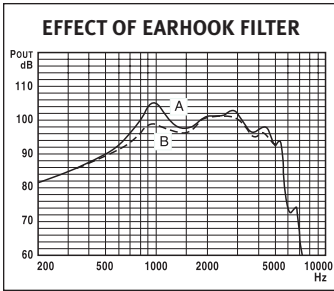
Input sound pressure level: 90 dB  
Volume Control: full on  
**T: N**



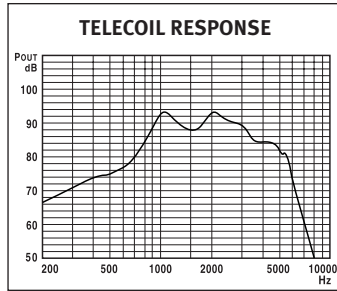
Input sound pressure level: 60 dB  
Volume Control: RTP  
**P: 0**



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



Input sound pressure level: 60 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

## 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