



UM60 PP BTE

Linear, High Power, Push-Pull
Broadband, Extended Low Frequencies

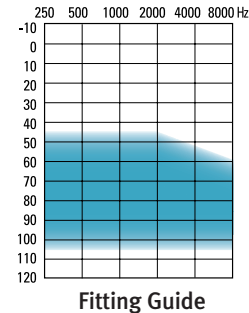
HEARING AID FEATURES

- Powerful Push-Pull amplifier
- Powerful Telecoil
- Gain independent of Maximum Power Output
- Surface Mount Technology
- Two controls provide fitting flexibility:
T - Active Low-cut Tone
P - Power Control
- Controls continuously adjustable with end stops
- Extended Range Active Tone Control
- 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

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

SUITABLE FOR FITTING MODERATELY SEVERE TO SEVERE HEARING LOSSES



IEC 118-0 TECHNICAL DATA

Frequency Range	190-6200 Hz	
P (Power) Control Setting	-24	0
Peak Gain	72 dB*	75 dB
Peak Output	113 dB	139 dB
Reference Test Gain	55 dB	
Full on Average Gain**	60 dB*	63 dB
Average Output**	109 dB	131 dB
Reference Test Frequency	1.6 kHz	
Full on Gain at 1.6 kHz	60 dB*	63 dB
Output at 1.6 kHz	109 dB	130 dB
Typical Battery Life (Zinc Air Premium)	480 h	320 h
Current Drain at RTG	0.6 mA	0.9 mA
Output with Inductive Input at 1.6 kHz	95 dB	
Equivalent Input Noise at RTG	27 dB	

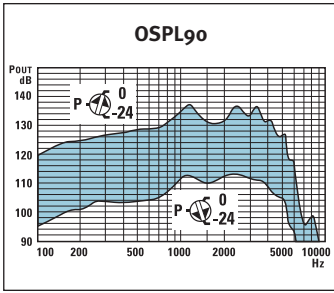
*At lower Power Control setting reduced input level was used to avoid saturation.

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

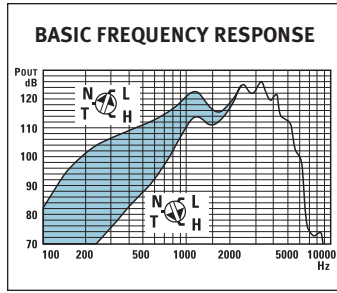
IEC 118-7 2CC COUPLER TECHNICAL DATA

Frequency Range	180-6200 Hz
Peak Gain	68 dB
Peak Output	134 dB
Reference Test Gain	46 dB
Full on Gain at 1.6 kHz	56 dB
Output at 1.6 kHz	122 dB

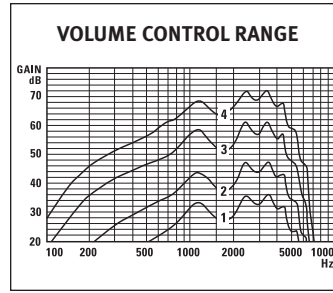
UM60 PP BTE IEC 118-o EAR SIMULATOR SPECIFICATIONS



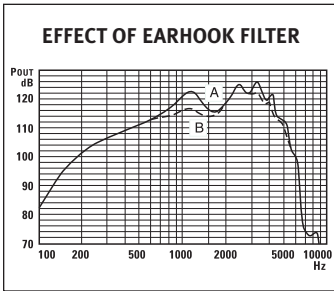
Input sound pressure level: 90 dB
Volume Control: full on
T: L



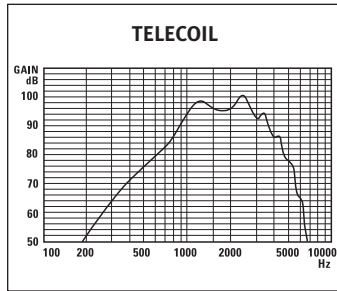
Input sound pressure level: 60 dB
Volume Control: RTG
P: O



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

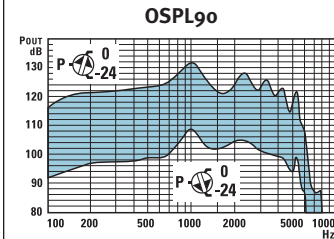


Input sound pressure level: 60 dB
Volume Control: RTG
'A' unfiltered, standard
'B' filtered, optional

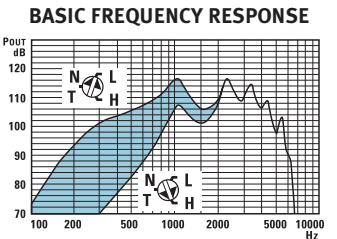


Input: 1 mA/m
Volume Control: full on
T: L P: O

IEC 118 -7 2cc COUPLER



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



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

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-PP

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.



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