



UE12 PP BTE

High Power, Linear
Push-Pull, Broadband Response

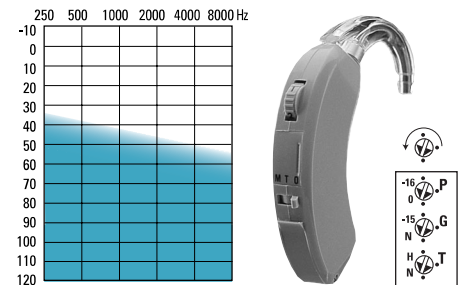
HEARING AID FEATURES

- Powerful push-pull amplifier
- Three controls provide full fitting flexibility:
 - P - Power Control
 - G - Gain
 - T - Low-cut Tone
- Controls continuously adjustable with end stops
- Powerful Telecoil
- 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
- Unfiltered earhook
- Battery size: 675
- Fitting is supported by NOAH-compatible Unifit™ or Standalone Unifit™

OPTIONS

- Filtered earhook
- Child-sized earhook

SUITABLE FOR FITTING MODERATE TO SEVERE/
PROFOUND HEARING LOSSES INCLUDING
FLUCTUATING OR PROGRESSIVE LOSSES



Fitting Guide

IEC 118-0 TECHNICAL DATA

Frequency Range	400-5600 dB	
P (Power) Control Setting	-16	0
Peak Gain	80 dB*	82 dB
Peak Output	123 dB	141 dB
Reference Test Gain	59 dB	
Full on Average Gain**	68 dB*	70 dB
Average Output**	118 dB	134 dB
Reference Test Frequency	1.6 kHz	
Full on Gain at 1.6 kHz	70 dB*	72 dB
Output at 1.6 kHz	121 dB	134 dB
Typical Battery Life (Zinc Air Premium)	600 h	315 h
Current Drain at RTG	1.0 mA	1.9 mA
Output with Inductive Input at 1.6 kHz	103 dB	
Equivalent Input Noise Level at RTG	26 dB	

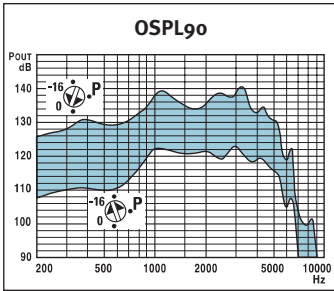
*At MPO=-16, reduced input level was used to avoid saturation.

**Average of 500, 1000 and 2000 Hz

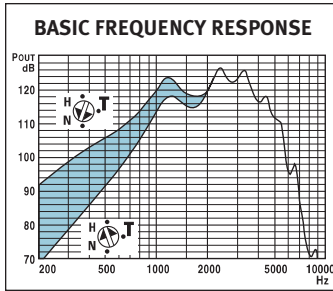
IEC 118-7 2cc COUPLER TECHNICAL DATA

Frequency Range	300-5800 Hz
Peak Gain	77 dB
Peak Output	136 dB
Reference Test Gain	51 dB
Full on Gain at 1.6 kHz	65 dB
Output at 1.6 kHz	127 dB

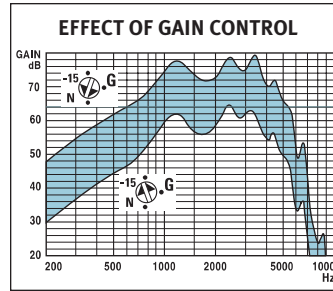
UE12 PP BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



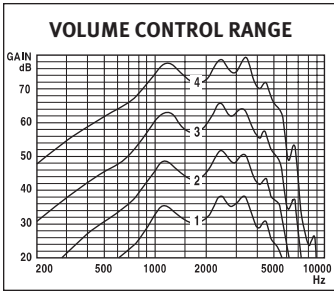
Input sound pressure level: 90 dB
Volume Control: full on
T: N G: N



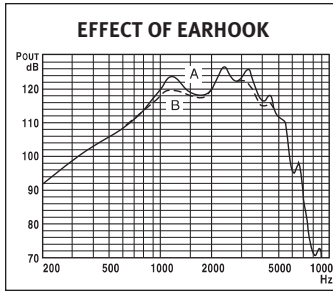
Input sound pressure level: 60 dB
Volume Control: RTG
G: N P: 0



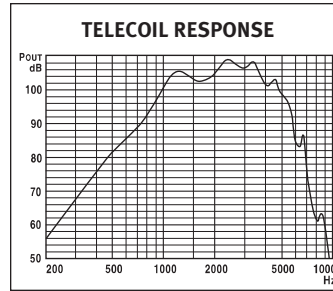
Input sound pressure level: 50 dB
Volume Control: full on
T: N P: 0



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

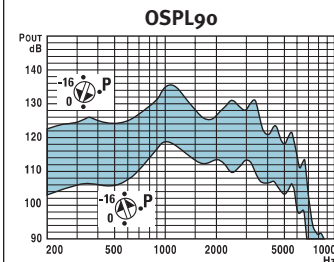


Input sound pressure level: 60 dB
Volume Control: RTG
"A" unfiltered, standard
"B" filtered, optional

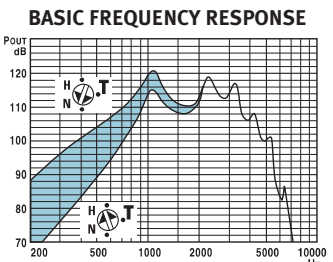


Input: 1mA/m
Volume Control: full on
T: N G: N P: 0

IEC 118-7 2cc COUPLER



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



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

TEST CONDITIONS

RTG-IEC: Reference Test Gain of the Volume Control: 3
BATTERY: 675 Zinc Air Premium
SOURCE: Voltage 1.3 V
Impedance 3.5 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: UE12-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.



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