



UE12 PP BTE

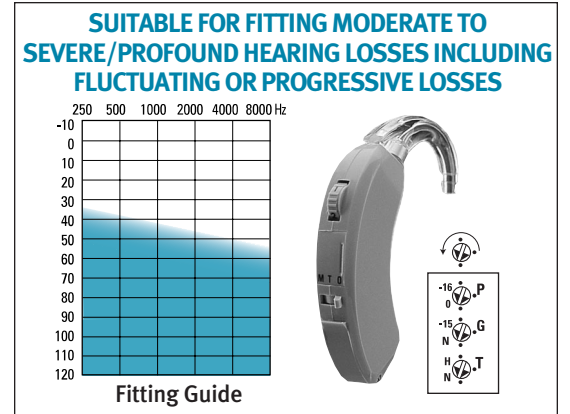
Linear
High Power, Push-Pull, Broadband Response

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

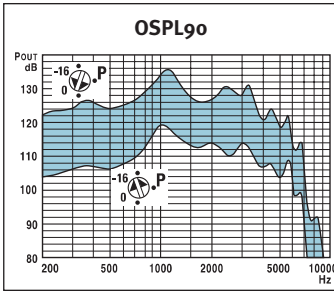


ANSI S3.22-1996 TECHNICAL DATA

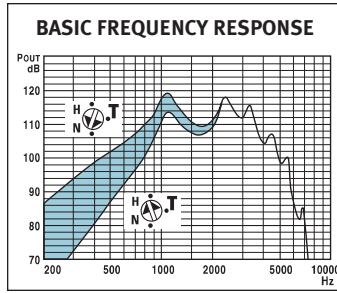
Frequency Range	300-5800 dB	
P (Power) Control Setting	-16	0
Peak Gain	75 dB*	77 dB
Peak Output	120 dB	136 dB
Reference Test Gain	54 dB	
HF Average Gain 50 dB in	67 dB*	69 dB
HF Average OSPL ₉₀	114 dB	131 dB
Typical Battery Life (Zinc Air Premium)	375 h	275 h
Current Drain at RTP	1.6 mA	2.2 mA
Telephone Magnetic Field Simulator		
HFA SPLITS	101 dB	
STS SPLITS	-13 dB	
Equivalent Input Noise at RTP typical 20 dB	< 23 dB	
Total Harmonic Distortion at RTP		
500 Hz	not applicable	
800 Hz	typical 2%	< 8%
1600 Hz	typical 3%	< 8%

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

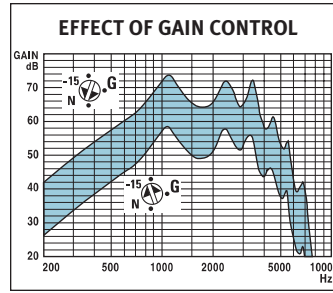
UE12 PP BTE ANSI SPECIFICATIONS



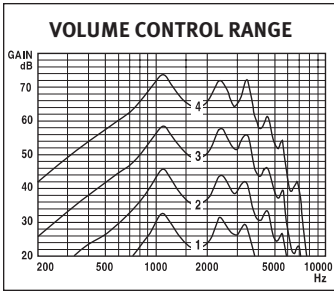
Input sound pressure level: 90 dB
Volume Control: full on
T: N G: N



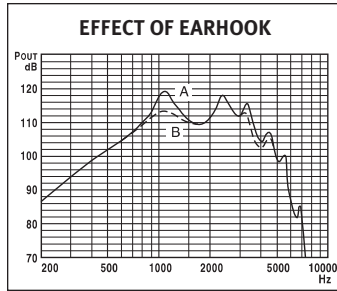
Input sound pressure level: 60 dB
VC: RTP
G: N P: 0



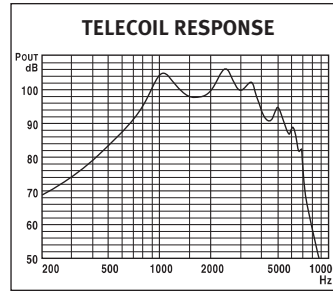
Input sound pressure level: 50 dB
Volume Control: full on
T: N P: 0



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

TEST CONDITIONS

RTP-ANSI: Reference Test Position 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

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