



UE18 AGCO BTE

Output Compression
General Purpose, Broadband Response

HEARING AID FEATURES

- Output compression
- Three controls provide fitting flexibility:
T - Low-cut Tone
G - Gain
P - Power
- Controls continuously adjustable with end stops
- Broadband telecoil response
- 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™

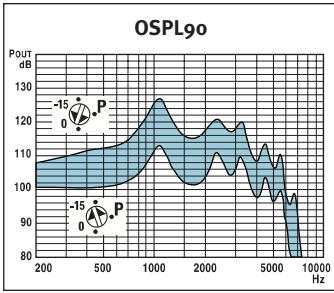
OPTIONS

- Filtered earhook
- Child-sized earhook

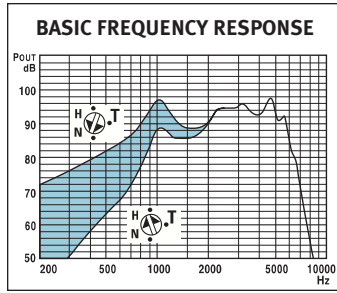


ANSI S3.22-1996 TECHNICAL DATA		
Frequency Range	200-6900 Hz	
P (Power) Control Setting	-15	0
Peak Gain	58 dB	60 dB
Peak Output	114 dB	129 dB
Reference Test Gain	43 dB	
HF Average Gain 50 dB in	50 dB	52 dB
HF Average OSPL ₉₀	107 dB	120 dB
Typical Battery Life (Zinc Air Premium)	275 h	275 h
Current Drain at RTP	2.2 mA	2.2 mA
Telephone Magnetic Field Simulator		
HFA SPLITS	101 dB	
STS SPLITS	-2.0 dB	
Equivalent Input Noise at RTP typical 23 dB	< 27 dB	
Total Harmonic Distortion at RTP		
500 Hz	typical 2%	< 8%
800 Hz	typical 2%	< 8%
1600 Hz	typical 2%	< 8%
Attack Time	15 ms	
Release Time	85 ms	
Compression Ratio	9:1	

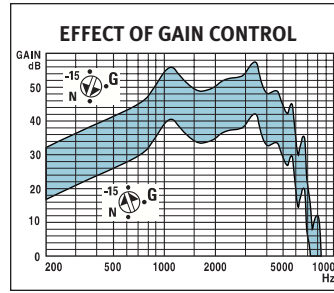
UE18 AGCo BTE ANSI SPECIFICATIONS



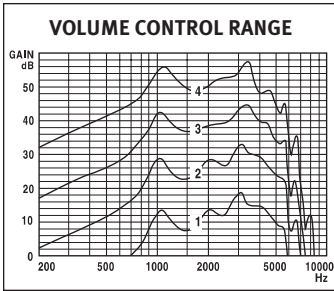
Input sound pressure level: 90 dB
VC: full on
T: N G: N P: 0



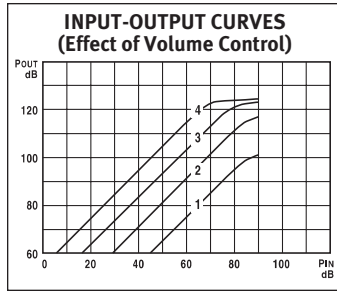
Input sound pressure level: 50 dB
VC: RTP
G: N P: 0



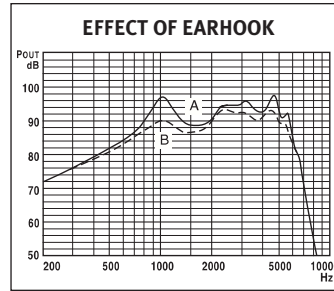
Input sound pressure level: 50 dB
VC: full on
T: N P: 0



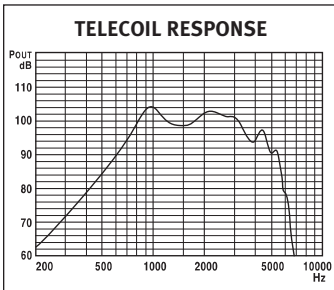
Input sound pressure level: 50 dB
VC: as shown
T: N G: N P: 0



Input at 2000 Hz
VC: as shown
T: N G: N P: 0



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



Input: 31.6 mA/m
VC: 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 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: UE18-AGCo

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.

Caution: Sound pressure level of this hearing aid exceeds 132 dB SPL.



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