



Icon AGCo Mini-BTE

Output Compression
General Purpose

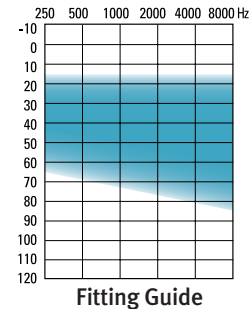
HEARING AID FEATURES

- Three controls provide full fitting flexibility:
 - L - Active Low-cut Tone
 - AO - Compression Limiting
 - P - Power
- Controls continuously adjustable with end stops
- Class D circuitry for excellent battery life
- Powerful telecoil with pre-amplifier
- Slim mini-housing
- Gain independent of Maximum Power Output
- Volume Control: numbered 1 (low) to 4 (high)
- M-T-O Switch: 3 positions Microphone–Telecoil–Off
- Direct Audio Input - MLx compatible
- Two-tone, beige/taupe housing
- Unfiltered earhook
- Battery size: 13
- Fitting is supported by NOAH-compatible Unifit software

OPTIONS

- M-MT-O Switch: 3 positions Microphone–Microphone/Telecoil–Off
- CROS/BiCROS
- Tamper-resistant battery compartment/volume control cover
- Filtered earhook
- Child-sized earhook
- Sideplate colors: opaque taupe, brown and gray; translucent red, green and blue; fluorescent pink and yellow

SUITABLE FOR FITTING MILD TO MODERATELY SEVERE HEARING LOSSES

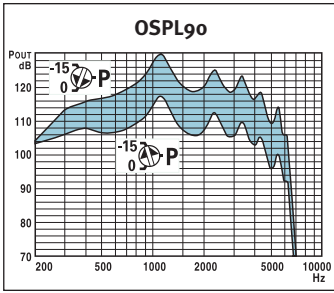


ANSI S3.22-1996 TECHNICAL DATA

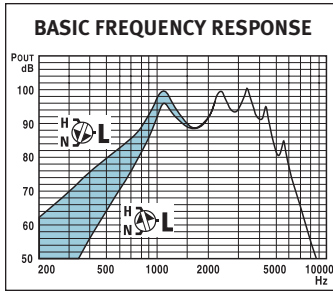
Frequency Range	400-6000 Hz	
P (Power) Control Setting	-15	0
Peak Gain	57 dB*	57 dB
Peak Output	119 dB	132 dB
Reference Test Gain	45 dB	
HF Average Gain	50 dB*	50 dB
HF Average OSPL90	109 dB	122 dB
Typical Battery Life (Zinc Air Premium)	270 h	230 h
Current Drain at RTP	0.8 mA	1.0 mA
Telephone Magnetic Field Simulator		
HFA SPLITS	109 dB	
STS SPLITS	4 dB	
Equivalent Input Noise at RTP typical 20 dB	23 dB	
Total Harmonic Distortion at RTP		
500 Hz	not applicable	
800 Hz	typical 2%	< 6%
1600 Hz	typical 2%	< 6%
(Data applicable at AO=Min)		
Attack Time	< 10 ms	
Release Time	90 ms	
Compression Ratio	10:1	

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

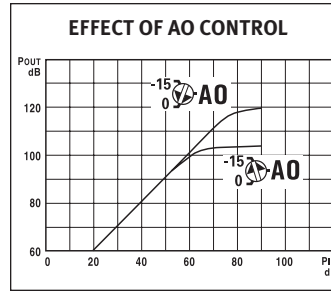
ICON AGCo MINI-BTE ANSI SPECIFICATIONS



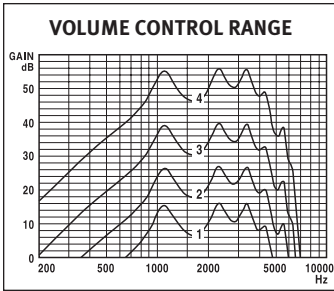
Input sound pressure level: 90 dB
Volume Control: full on
L: N AO: 0



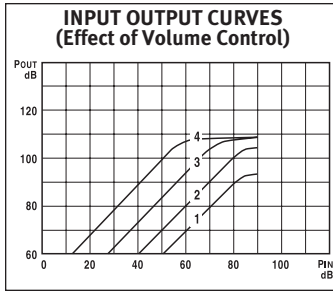
Input sound pressure level: 50 dB
Volume Control: RTP
AO: 0 P: 0



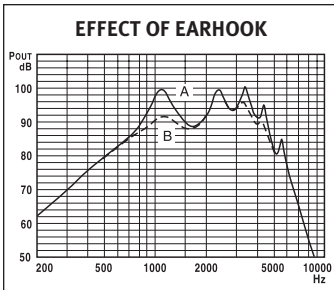
Input at 2000 Hz
Volume Control: RTP
L: N P: 0



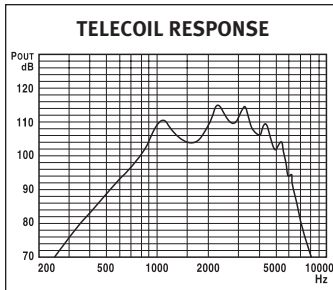
Input sound pressure level: 50 dB
Volume Control: as shown
L: N AO: 0 P: 0



Input at 2000 Hz
Volume Control: as shown
L: N AO: -15 P: 0



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



Input: 31.6 mA/m
Volume Control: RTP
L: N AO: 0 P: 0

TEST CONDITIONS

RTP-ANSI: Reference Test Position of the Volume Control: 4
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: ICON 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.

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



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