



ICON K Mini-BTE

K-Amp® Processing Compression

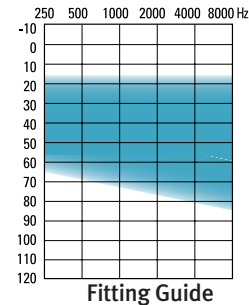
HEARING AID FEATURES

- Since output frequency response is dependent on input level, K-Amp processing may enhance speech clarity by making speech cues more audible at higher frequencies
- Three controls provide fitting flexibility:
 - L - Low-cut Tone
 - H - High-cut Tone
 - TK - Threshold Kneepoint
- Controls continuously adjustable with end stops
- Class D circuitry for excellent battery life
- Powerful telecoil with pre-amplifier
- Gain tied to Maximum Power Output
- Slim mini-housing
- 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
- Filtered earhook
- Battery size: 13
- Fitting is supported by NOAH-compatible Unifit or Standalone Unifit

OPTIONS

- M-MT-O Switch: 3 positions Microphone–Microphone/Telecoil–Off
- O-T-MT-M Switch: 4 positions
 - Off–Telecoil–Microphone/Telecoil–Microphone
- Tamper-resistant battery compartment/Volume Control cover
- CROS/BiCROS
- Child-sized earhook
- Sideplate colors: opaque taupe, brown and gray; translucent red, green and blue; fluorescent pink and yellow

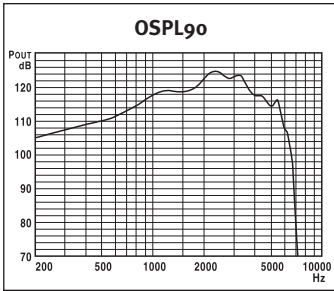
SUITABLE FOR FITTING MILD TO MODERATELY SEVERE HEARING LOSSES



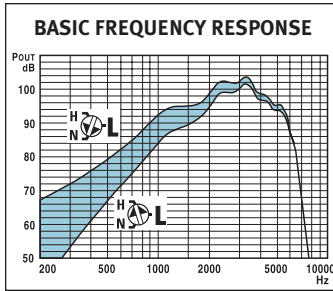
ANSI S3.22-1996 TECHNICAL DATA

Frequency Range	270-7000 Hz	
Peak Gain	63 dB	
Peak Output	126 dB	
Reference Test Gain	44 dB	
HF Average Gain	48 dB	
HF Average OSPL90	121 dB	
Typical Battery Life (Zinc Air Premium)	285 h	
Current Drain at RTP	0.8 mA	
Telephone Magnetic Field Simulator	106 dB	
HFA SPLITS	2 dB	
STS SPLITS	29 dB	
Equivalent Input Noise at RTP typical 20 dB	29 dB	
Total Harmonic Distortion at RTP		
500 Hz	not applicable	
800 Hz	typical 3%	< 6%
1600 Hz	typical 2%	< 6%
Attack Time	<30 ms	
Release Time	700 ms	
Compression Ratio	2:1	

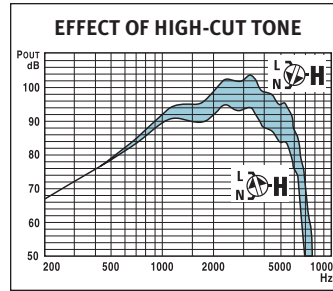
ICON K MINI-BTE ANSI SPECIFICATIONS



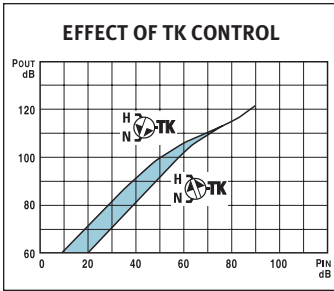
Input sound pressure level: 90 dB
Volume Control: full on
L: N H: N TK: N



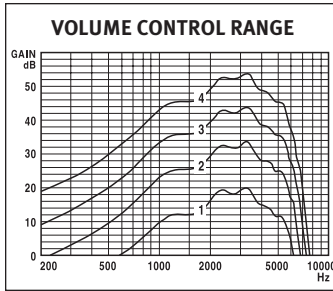
Input sound pressure level: 50 dB
Volume Control: RTP
H: N TK: N



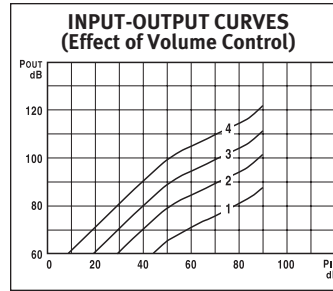
Input sound pressure level: 50 dB
Volume Control: RTP
L: N TK: N



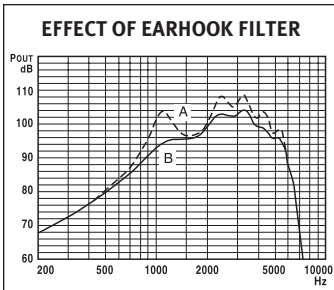
Input at 2000 Hz
Volume Control: RTP
L: N H: N



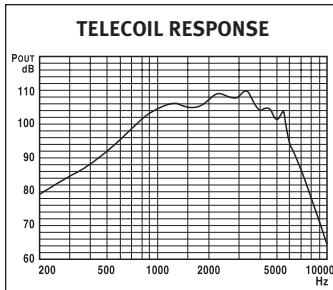
Input sound pressure level: 50 dB
Volume Control: as shown
L: N H: N TK: N



Input at 2000 Hz
Volume Control: as shown
L: N H: N TK: N



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



Input: 31.6 mA/m
Volume Control: RTP
L: N H: N TK: N

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: Filtered
TUBING: Length 25 mm,
Inside Diameter 1.93 mm
Refer to: "Summary of Test Conditions and Limits" for more details.

AID MARKING: ICON K

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.



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