



Icon K Mini-BTE

K-Amp® Processing Compression

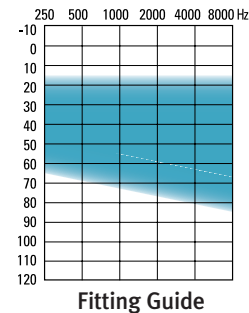
HEARING AID FEATURES

- Since output frequency response is dependent on input level, K-Amp processing may enhance speech clarity by making high frequency speech cues more audible at lower intensities
- Three controls provide full 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
- Slim mini-housing
- Maximum Power Output tied to Gain
- 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 colours: opaque taupe, brown and grey; translucent red, green and blue; fluorescent pink and yellow

SUITABLE FOR FITTING MILD TO MODERATELY SEVERE HEARING LOSSES



IEC 118-0 TECHNICAL DATA

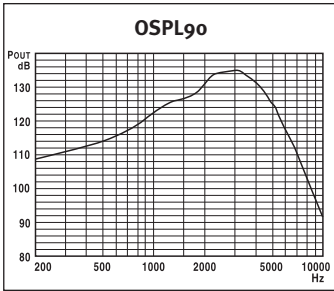
Frequency Range	300 - 7500 Hz
Peak Gain (40 dB in)	76 dB
Peak Output	137 dB
Reference Test Gain	47 dB
Full On Average Gain* (50 dB in)	47 dB
Average Output*	122 dB
Reference Test Frequency	1.6 kHz
Full on Gain at 1.6 kHz (50 dB in)	54 dB
Output at 1.6 kHz	127 dB
Typical Battery Life (Zinc Air Premium)	270 h
Current Drain at RTG	< 0.85 mA
Output with Inductive Input at 1.6 kHz	89 dB
Equivalent Input Noise at RTG (40 dB in)	< 31 dB
Attack Time	< 30 ms
Release Time	700 ms
Compression Ratio	2 : 1

*Average of 500, 1000 and 2000 Hz

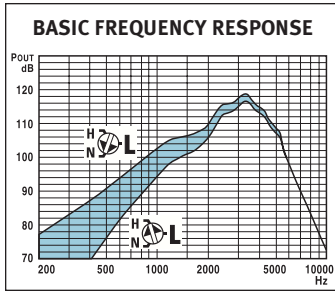
IEC 118-7 2cc COUPLER

Frequency Range	300 - 6800 Hz
Peak Gain	63 dB
Peak Output	126 dB
Reference Test Gain	39 dB
Full On Gain at 1.6 kHz	46 dB
Output at 1.6 kHz	118 dB

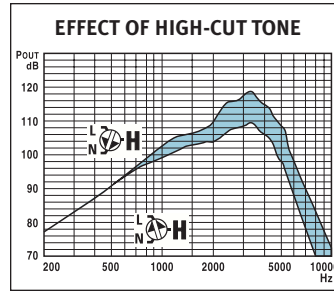
ICON K MINI-BTE IEC 118-0 EAR SIMULATOR SPECIFICATIONS



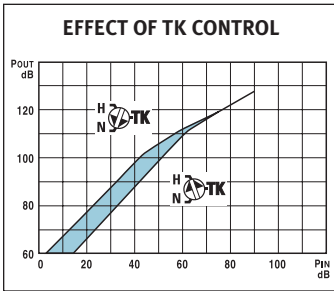
Input sound pressure level: 90 dB
Volume Control: full on
L: N H: N TK: N



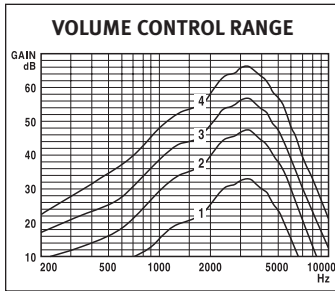
Input sound pressure level: 60 dB
Volume Control: RTG
H: N TK: N



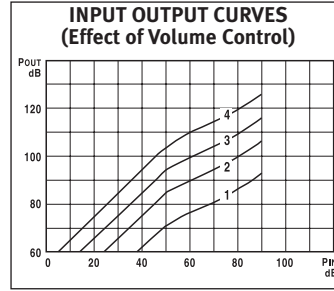
Input sound pressure level: 60 dB
Volume Control: RTG
L: N TK: N



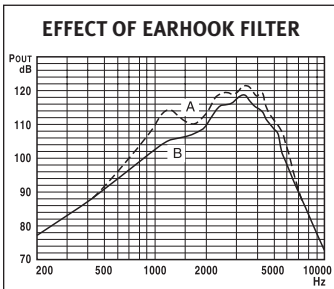
Input at 1600 Hz
Volume Control: full on
L: N H: N



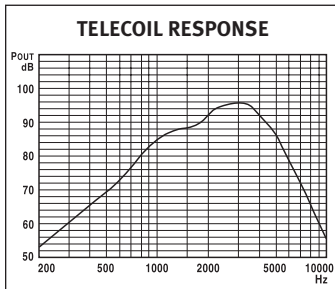
Input sound pressure level: 50 dB
Volume Control: as shown
L: N H: N TK: N



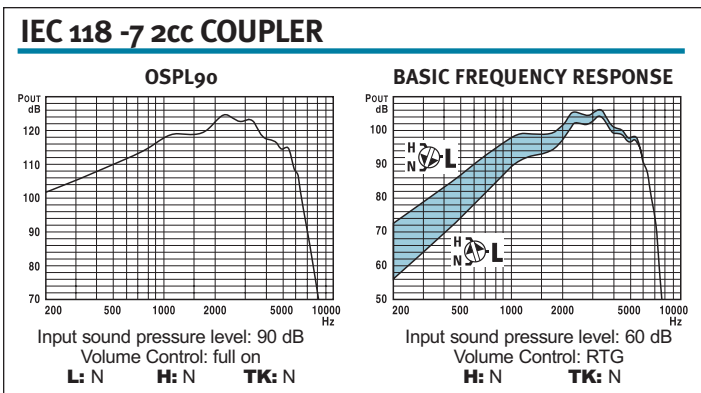
Input at 1600 Hz
Volume Control: as shown
L: N H: N TK: N



Input sound pressure level: 60 dB
Volume Control: RTG
'A' unfiltered, not recommended
'B' filtered, standard



Input: 1 mA/m
Volume Control: full on
L: N H: N TK: N



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

Input sound pressure level: 60 dB
Volume Control: RTG
H: N TK: N

TEST CONDITIONS

RTG-IEC: Reference Test Gain of the Volume Control: 3.5
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

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.

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



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