



K-Amp Custom

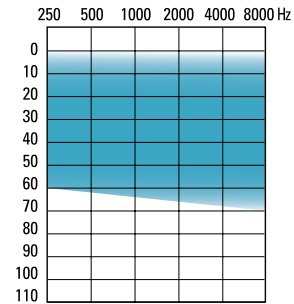
HEARING AID FEATURES

- K-Amp Class D input compression
- Available colours – pink, tan, cocoa or brown
 - CIC standard colour is cocoa
 - all others pink
- Standard volume control
- Wax Spring
- Select-A-Vent
- Standard control - Threshold Kneepoint

OPTIONS

- Optional controls for added fitting flexibility:
 - High-cut
 - MPO
 - Crossover Frequency
 - Gain
 - Low-cut Tone
 - High Boost
 - Loudness Boost
- Compression Ratio
- Raised or Screw-set VC
- On/Off toggle switch
- Noise suppression switch
- Telecoil (full-shell, half-shell & canal only)
- Windscreen

SUGGESTED FITTING RANGE



Fitting Guide

ANSI S3.22-1996 TECHNICAL DATA

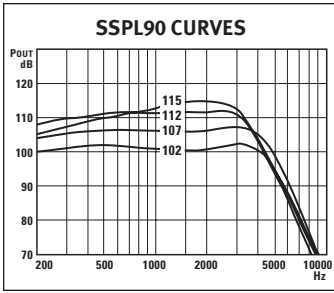
Frequency Response Slope 5	100-6400
Frequency Response Slope 15	200-7000
Frequency Response Slope 25	400-7300
Frequency Response Slope 35	600-8000
Peak Gain	30-45 dB
HF Average Gain	21-44 dB
HF Average Gain at RTP	21-44 dB
Peak Output	102-115 dB
HF Average SSPL90	101-114 dB
Typical Battery Life (Zinc Air Premium)	
13	290-750 h
312	140-365 h
10A	70-185 h
Current Drain	0.3-0.8 mA
Equivalent Input Noise	< 32 dB
Total Harmonic Distortion at RTP	
500 Hz	typical 1%
800 Hz	typical 1%
1600 Hz	typical 1%
Attack Time	< 50 ms
Release Time	500 ms
Compression Ratio	2:5:1

Note: This K-Amp circuit is offered with a 2K filter in the receiver tube.

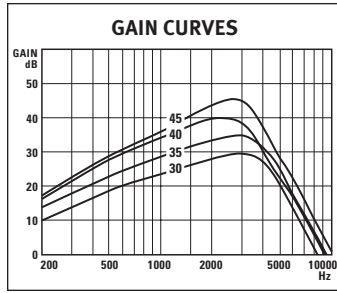
MATRIX SELECTIONS

Mini-Canal	102/30/05, 15, 25, 35
	107/35/05, 15, 25, 35
Canal through Half-Shell	112/40/05, 15, 25, 35
Full Shell	115/45/05, 15, 25, 35

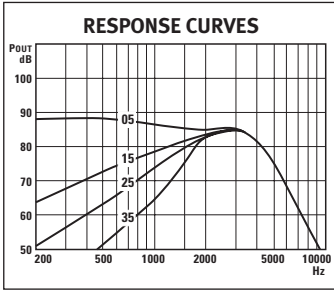
CONVENTIONAL K-AMP ANSI SPECIFICATIONS



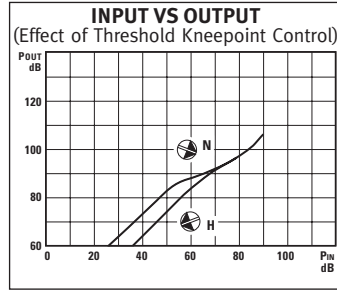
Input sound pressure level: 90 dB
Volume Control: full on



Input sound pressure level: 50 dB
Volume Control: full on



Input sound pressure level: 50 dB
Volume Control: full on
Matrix: 107/35/05, 15, 25, 35



Input signal: 2000 Hz
Volume Control: full on

TEST CONDITIONS

RTP-ANSI: Reference Test Position of the Volume Control
BATTERY: 13/312/10A Zinc Air Premium
SOURCE: Voltage 1.3 V Impedance 6 Ohms
COUPLER: HA-1
VENT: Closed at canal end
Refer to: "Summary of Test Conditions and Limits" for more details.

AID MARKING: UHC CUSTOM

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: Proper fitting of this hearing aid requires the taking of a deep-canal impression. Hearing Health Professionals should not attempt this type of fitting unless they have developed the necessary skills needed to take this type of impression safely.



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