

CIC FOUNDATION



Description

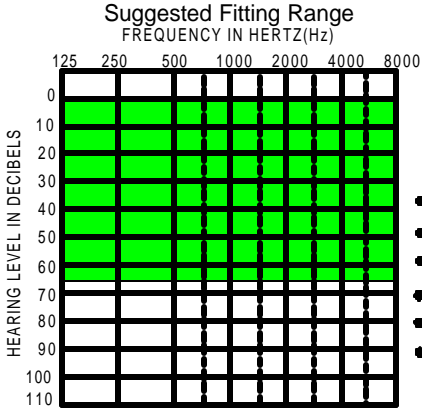
The CIC FOUNDATION is a digital completely-in-the-canal hearing instrument with seven (7) programmable parameters. The programmable parameters are low cut, high cut, compression ratio (1:1 to 4:1), threshold kneepoint, gain, AGC-o and variable feedback notch filter. The Foundation also incorporates a low level expansion circuit to reduce noise in quiet environments. This product incorporates multiple attack and release time technology and utilizes a class D output stage. The Foundation is compatible with Hi-Pro or Microconnect via Audina's ezFit fitting software.

STANDARD FEATURES

- Programmable volume control
- Four(4) pin socket
- Variable vent system
- Windscreen
- 1 year loss or damage warranty
- 1 year repair warranty

OPTIONS

- Trimmer Volume Control
- Multi-memory(2-3) with tone indicator
- Flexstrip programming
- Foto-coat
- Flip Top wax guard
- "NoWax" Filter System
- Windscoop/windhood



Performance Data:

		Coupler 2cc IEC 118-7/94	Coupler MZ (711) IEC 118-0/94	Coupler 2cc ANSI S3.22-1996	Limits
SATURATION (OSPL 90)	Peak	103	113	103	+/- 3
	F Reference	98	107	99	+/- 3
	HF Average			99	+/- 3
Full-on Gain (Input: 50dB SPL)	Peak	33	43	33	+/- 4
	F Reference	28	37	28	+/- 4
	HF Average			28	+/- 4
Nominal Reference Test Gain (RTG)		21	30	22	
Frequency Range	Hz	200-6500			
Volume Control Range	dB	<40			
Total Harmonic Distortion at RTG:					
70 dB SPL in	500 Hz	1	1	1	<4
	800 Hz				<4
65 dB SPL in	1600 Hz				<4
Equivalent Input Noise Level	dB	30	30	30	<33
Maximum Telecoil Sensitivity					
FOG; Input 10mA/m @ RTF	dB	N/A	N/A	N/A	
RTG; Input 31.6mA/m @ RTF	dB				
FOG; Input 31.6mA/m @ RTF	dB				
SPLITS @ RTF	dB			N/A	
HF Average	dB			N/A	
STS	dB			N/A	
Supply Current	input dB SPL	60	65		
at RTG	mA	1.0	1.0	<1.2	
Battery Life	Type 10A Zinc-Air(60mAh)	60	60		
	Type 5A Zinc-Air(30mAh)	30	30		
AGC @ 2KHz	Attack	5	5	5	+/-50%
	Release	800	800	800	+/-50%
Reference Test Frequency(RTF)	Hz	1600	1000	1000	

Typical Effect of Programmable Parameters

