

Performance Data:

**Description**

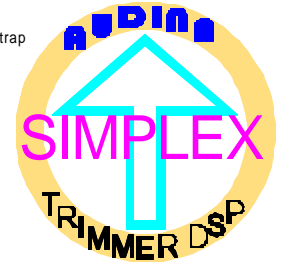
The C.I.C. Simplex offers 100% Digital sound processing easily adjusted with your choice of up to 3 trim pots; active low cut, active high cut, AGC-o output control, and threshold kneepoint. The Simplex can be utilized for both new and previous users and can be configured to precisely fit a range of losses (precipitous to reverse)

**STANDARD FEATURES**

- Trimmer volume control
- 1 Trimpot standard
- Thru vent
- Windscreen
- 1 year warranty
- 1 year loss or damage

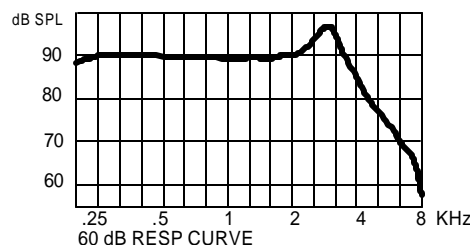
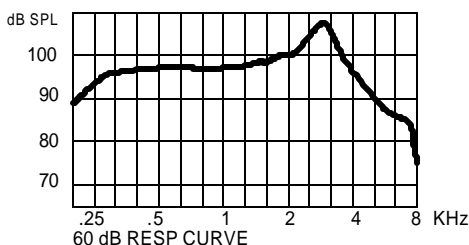
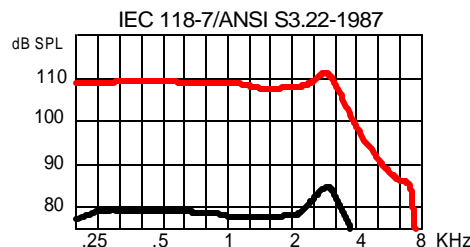
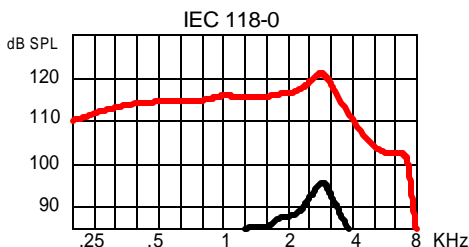
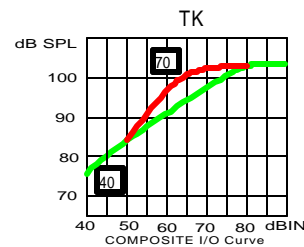
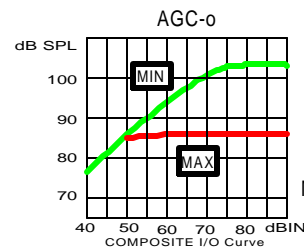
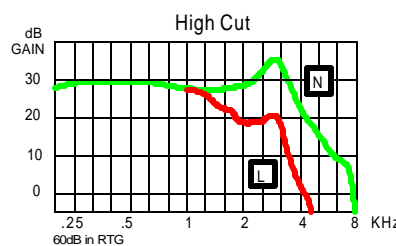
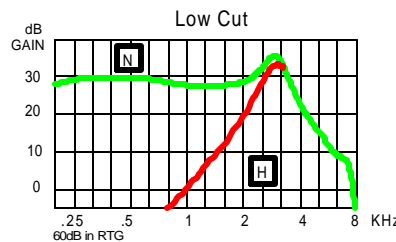
**OPTIONS**

- LFC, HFC, AGC-o, or TK
- Flip Top wax trap
- Plus Power
- Foto-coat
- Windscoop

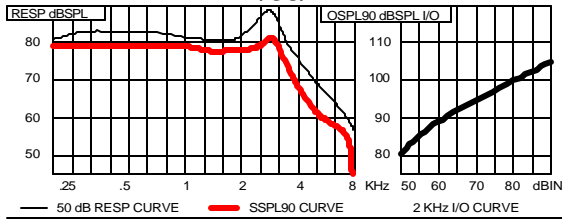


	Coupler 2cc IEC 118-7/94	Coupler MZ (711) IEC 118-0/94	Coupler 2cc ANSI S3.22-1996	Limits
SATURATION (OSPL 90)	Peak dB SPL 111	F Reference dB SPL 105	HF Average dB SPL 112	+/- 3
Full-on Gain (Input: 50dB SPL)	Peak dB 35	F Reference dB 28	HF Average dB 27	+/- 4
Nominal Reference Test Gain (RTG)	27			
Frequency Range	200-7100 Hz			
Volume Control Range	<40 dB			
Total Harmonic Distortion at RTG:				
70 dB SPL in	500 Hz	800 Hz	1600 Hz	%
65 dB SPL in	1	1	1	<4
Equivalent Input Noise Level	30 dB	30 dB	30 dB	<33 dB
Maximum Telecoil Sensitivity				
FOG; Input 10mA/m @ RTF	dB			
RTG; Input 31.6mA/m @ RTF	dB			
FOG; Input 31.6mA/m @ RTF	dB			
SPLITS @ RTF				
HF Average	dB			
STS	dB			
Supply Current at RTG	input dB SPL			
	60 mA	65 mA	1.0 mA	<1.2 mA
Battery Life	Type 10A Zinc-Air(60mAh)	hrs		
	Type 5A Zinc-Air(30mAh)	60 hrs		
AGC @ 2KHz	Attack	mS		
	Release	200 mS		
Reference Test Frequency(RTF)	1600 Hz	1000 Hz	1000 Hz	+/-50%

**Instrument Control System**

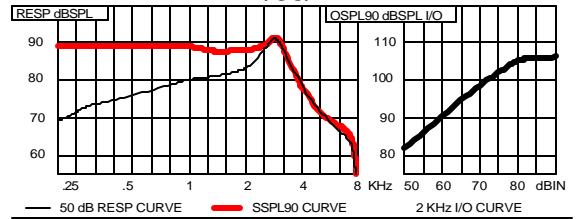


### 111/35/1



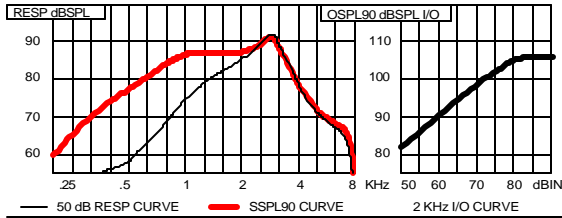
MAX OSPL90: 111.0 dB	RESP LIMIT: 60.0 dB	ATK 5 mS
AT: 2800 Hz	F1= 200 Hz F2= 7100 Hz	REL 200 mS
HF AVG: 107.0 dB	THD	FREQ
HF AVG FULL ON GAIN: <5.0 % 500 Hz 70 dB		SRC
AT 50 dB IN 28.0 dB	<5.0 % 800 Hz 70 dB	MEASURED
REFERENCE TEST GAIN: 28.0 dB	<5.0 % 1600 Hz 65 dB	AT 2 KHz
	EQ INP NOISE: 30.0 dB	
	BAT (1.3 V) 1.00 mA	

### 111/35/2



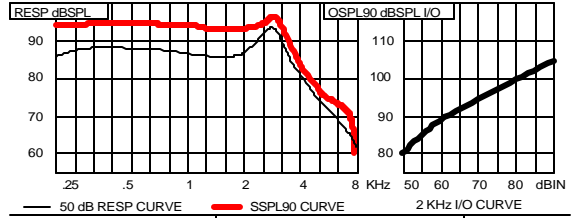
MAX OSPL90: 109.0 dB	RESP LIMIT: 60.0 dB	ATK 5 mS
AT: 2800 Hz	F1= 200 Hz F2= 7500 Hz	REL 200 mS
HF AVG: 107.0 dB	THD	FREQ
HF AVG FULL ON GAIN: <5.0 % 500 Hz 70 dB		SRC
AT 50 dB IN 36.0 dB	<5.0 % 800 Hz 70 dB	MEASURED
REFERENCE TEST GAIN: 30.0 dB	<5.0 % 1600 Hz 65 dB	AT 2 KHz
	EQ INP NOISE: 30.0 dB	
	BAT (1.3 V) 1.00 mA	

### 111/35/3



MAX OSPL90: 111.0 dB	RESP LIMIT: 60.0 dB	ATK 5 mS
AT: 2800 Hz	F1= 200 Hz F2= 8000 Hz	REL 200 mS
HF AVG: 107.0 dB	THD	FREQ
HF AVG FULL ON GAIN: <5.0 % 500 Hz 70 dB		SRC
AT 50 dB IN 28.0 dB	<5.0 % 800 Hz 70 dB	MEASURED
REFERENCE TEST GAIN: 28.0 dB	<5.0 % 1600 Hz 65 dB	AT 2 KHz
	EQ INP NOISE: 30.0 dB	
	BAT (1.3 V) 1.00 mA	

### 116/40/1B



MAX OSPL90: 116.0 dB	RESP LIMIT: 65.0 dB	ATK 5 mS
AT: 2800 Hz	F1= 200 Hz F2= 7100 Hz	REL 200 mS
HF AVG: 112.0 dB	THD	FREQ
HF AVG FULL ON GAIN: <5.0 % 500 Hz 70 dB		SRC
AT 50 dB IN 33.0 dB	<5.0 % 800 Hz 70 dB	MEASURED
REFERENCE TEST GAIN: 33.0 dB	<5.0 % 1600 Hz 65 dB	AT 2 KHz
	EQ INP NOISE: 30.0 dB	
	BAT (1.3 V) 1.00 mA	