

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	dB SPL	111	121	111	+/- 3
	F Reference	dB SPL	105	115	106	+/- 3
	HF Average	dB SPL		112	107	+/- 3
Full-on Gain (Input: 50dB SPL)	Peak	dB	45	55	45	+/- 4
	F Reference	dB	38	47	38	+/- 4
	HF Average	dB		38	38	+/- 4
Nominal Reference Test Gain (RTG)		dB	27	40	30	
Frequency Range		Hz	200-7100			
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	91	95	94	
RTG; Input 31.6mA/m @ RTF		dB				
FOG; Input 31.6mA/m @ RTF		dB				
SPLITS @ RTF		dB			86	
	HF Average	dB			88	
STS		dB			1.0	
Supply Current at RTG	input dB SPL	mA	60	65		
			1.0	1.0	<1.2	
Battery Life	Type 312 Zinc-Air(110mAh)	hrs	110	110		
	Type 10A Zinc-Air(60mAh)	hrs	60	60		
AGC @ 2KHz	Attack	mS	5	5	5	+/-50%
	Release	mS	200	200	200	+/-50%
Reference Test Frequency(RTF)		Hz	1600	1000	1000	

STANDARD FEATURES

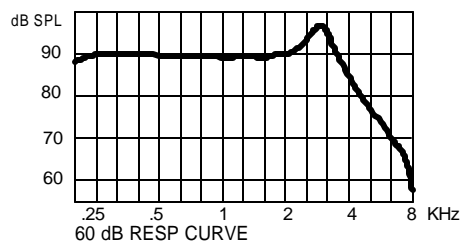
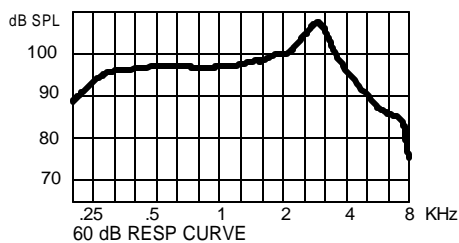
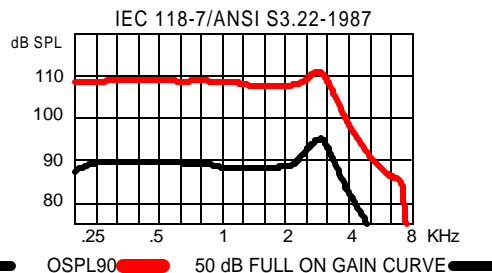
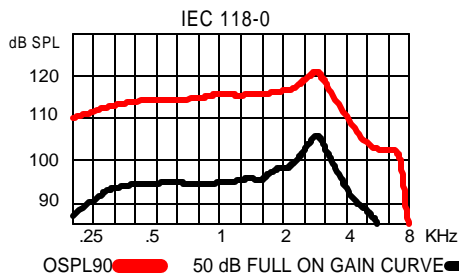
- On/off volume control
- Four(4) pin socket
- Variable vent system
- Windscreen
- 1 year loss or damage
- 1 year warranty

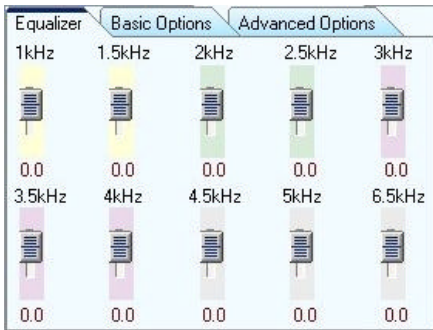
OPTIONS

- Programmable volume control
- Multi-memory(2-4) with tone indicator
- Programmable telephone coil
- Program thru faceplate
- Trimmer volume control
- On/Off switch
- Foto-coat
- Flip Top wax trap
- Windscoop/windhood

Description

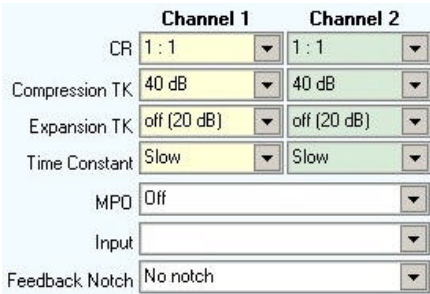
- The 312S Intuition 2 is a programmable 2 channel Digital Wide Dynamic Range Compression system with nine(9) programmable parameters
- Highly configurable digital signal processor provides excellent versatility, with independent channel compressor characteristics
- Ten-Band Gain Adjustment for precise target matching
- Fully adjustable Low Frequency Slope and Corner control
- Adjustable low level expansion for quieter performance
- Unique Dynamic Contrast Detector "Reaches Down" to amplify quiet speech more
- Look-Ahead Detection monitors signal path for loud transients and reduces gain in advance of oncoming transients, nearly eliminates signal clipping due to loud transients
- Adj. Threshold Levels in each channel from 40 to 70dB
- AGC-o compression limiting
- Low Battery and Multi Memory Tone Indicator
- Programmable with HiPro or the Micro-connect card (NOAH or Stand alone)





Ten (10) Band Gain Adjustment

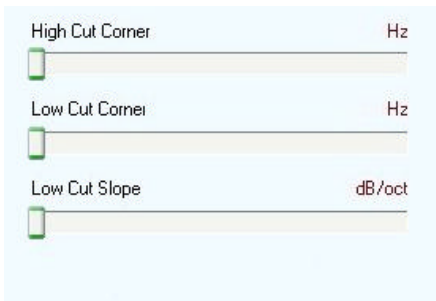
- Precise Target Matching
- Low Frequency Shaping
- High frequency Shaping
- Resonance Smoothing
- Feedback Notches
- Peak Shifting



Advanced Options

The Audina ezFIT software allows high versatility for accurate patient fittings.

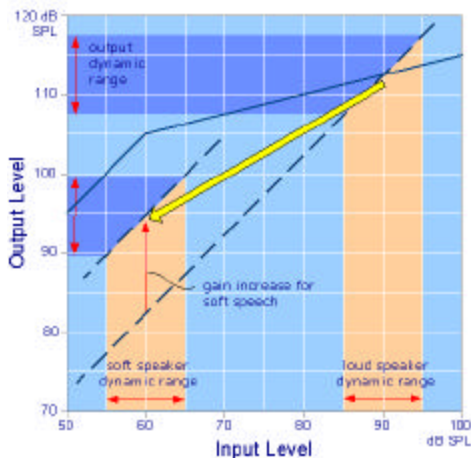
- Adjustable Compression Ratio's offer a range from 1:1 to 4:1
- Adjustable and fully independant Compression and Expansion Thresh-olds for high flexibility
- Select from a wide range of Time Constants, MPO and Feedback Notch settings



Basic Options

The Audina ezFIT software allows further fine-tuning for enhanced patient comfort.

- Adjustable 12dB/Oct. filter for High Frequency Corner control
- Adjustable Low Frequency Corner control
- Adjustable Low Slope settings of: 0dB(Flat), 6dB, 12dB and 18dB/Oct.



Dynamic Contrast Detector

When two detectors are not enough, the Dynamic Contrast Detector recognizes the presence of the soft speaker and "Reaches Down" to amplify the quiet speech more.

- BASIC mode allows *very* long time constants for speech in noise
- FAST mode detects loud transients and releases quickly
- REACH mode recognizes alternating loud and soft sounds

Look- Ahead Detection

Monitors signal path for loud transients and reduces gain *in advance* of the oncoming transient- nearly eliminates signal clipping due to loud transients.

Effect of Adjustable Parameters

