

# IMAGE DYNAMICS™

## IDQ12 SINGLE 4 OHM

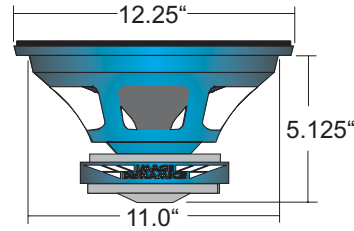
ULTRA LOW FREQUENCY  
TRANSDUCER

### SPEAKER SPECIFICATIONS

IMP	4ohms	Nominal Impedance
Re	3.9 ohms	DC Resistance
Fs	19Hz	Resonant frequency
Qes	.30	Electrical "Q"
Qms	3.50	Mechanical "Q"
Qts	.28	Total "Q"
Vas	7.76 cuft (220 liters)	Equivalent volume
Xmax	9.50mm	One way linear
Sd	530 cm2	Cone Area
Spl	91.8db	Sensitivity
Pwr	300watts	RMS Power Handling

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

### DIMENSIONS



Speaker displacement .07cuft.

### ENCLOSURE SPECIFICATIONS

TYPE OF LISTENER	AUTOPHILE	NORMAL	MACRO-BASS
<b>SEALED VOLUMES</b> -3db In car \ Free space	1.3 cuft. 14hz \ 42hz	1.0 cuft. 16hz \ 46hz	.72 cuft 20hz \ 50hz
<b>PORTED VOLUMES</b> Ported Frequency Port Dimensions -3db In Car \ Free space	2.5 cuft 24hz 4"ID X 15" 12hz \ 28hz	1.8 cuft 30hz 4"ID X 14" 14hz \ 32hz	1.25cuft 40hz 4"ID X 10.75" 22hz \ 40hz
<b>SINGLE REFLEX BANDPASS</b> Net rear volume Net front volume Front ported frequency Port Qty. And dimensions	N/R N/R N/R N/R	1.0 cuft 1.25 cuft 70 hz 3ea. 4" id X 10.75"	.72 cuft. 1.50 cuft 65hz 3ea. 4" id X 9.75"

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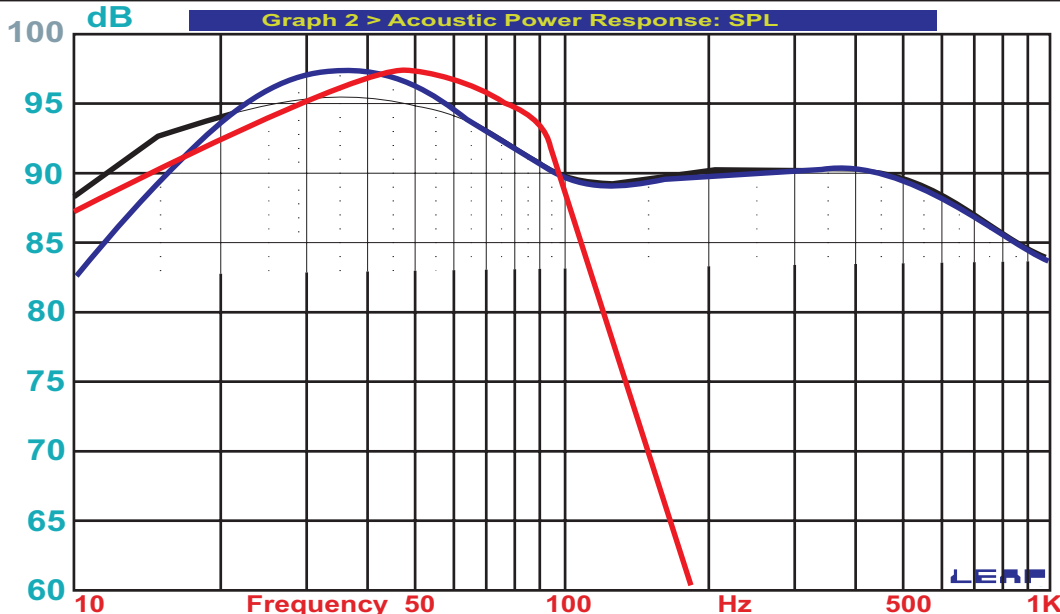
Loudspeaker Enclosure Analysis Program  
Ver 4.60, (C)

Date: Mar 1,1997  
Time: Sat 1:51PM

DGL Library:  
IDQ12 .DGL

### IDQ12 IN CAR RESPONSE CURVES

- SEALED ENCLOSURE 1.0 CUFT
- PORTED ENCLOSURE 1.8 CUFT 30HZ
- SINGLE REFLEX BANDPASS 1.0 REAR 1.25 FRONT 70HZ



SEALED ENCLOSURES ARE VERY STRONGLY SUGGESTED FOR MOST LISTENERS  
FOR FURTHER TECHNICAL ENCLOSURE HELP PLEASE CALL 310-787-2399

ENCLOSURE RECOMMENDATIONS