

## ID12 D2 V.3

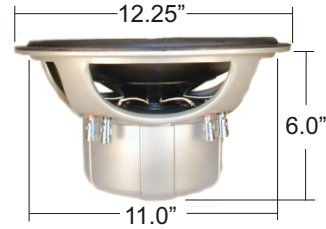
ULTRA LOW FREQUENCY TRANSDUCER

### SPEAKER SPECIFICATIONS

IMP	1/4 ohms	Nominal Impedance
Re	.98/3.8 ohms	DC Resistance
Fs	20.7Hz	Resonant frequency
Qes	.412	Electrical "Q"
Qms	3.80	Mechanical "Q"
Qts	.372	Total "Q"
Vas	5.71 cuft (162 liters)	Equivalent volume
Xmax	17.0mm	One way linear
Sd	545 cm <sup>2</sup>	Cone Area
Spl	88.6db	Sensitivity SPLo
Pwr	250rms/450max	Power Handling

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

### DIMENSIONS



Speaker displacement .07 cuft.

**BOTH VOICE COILS MUST BE USED.**

### ENCLOSURE SPECIFICATIONS

TYPE OF LISTENER	LARGE	NORMAL	SMALL
<b>SEALED VOLUMES GROSS</b> -3db In car \ Free space	1.5 cuft. (INFINITE BAFFLE ok) 16hz \ 42hz	1.25 cuft. 17hz \ 44hz	.8 cuft 20hz \ 50hz
<b>PORTED VOLUMES GROSS</b> Ported Frequency Port Dimensions -3db In Car \ Free space	2.0 cuft 30hz 4"ID X 15" 18hz \ 30hz	1.75 cuft 32hz 3"ID X 11.5" 20hz \ 34hz	1.5 cuft 34hz 3.0" ID X 12.375" 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	1.25 cuft 1.25 cuft 59 hz 25 SQ IN X 10.75" -OR- 36 SQ IN X 16.5"	N/R N/R N/R N/R

**LEAP**®

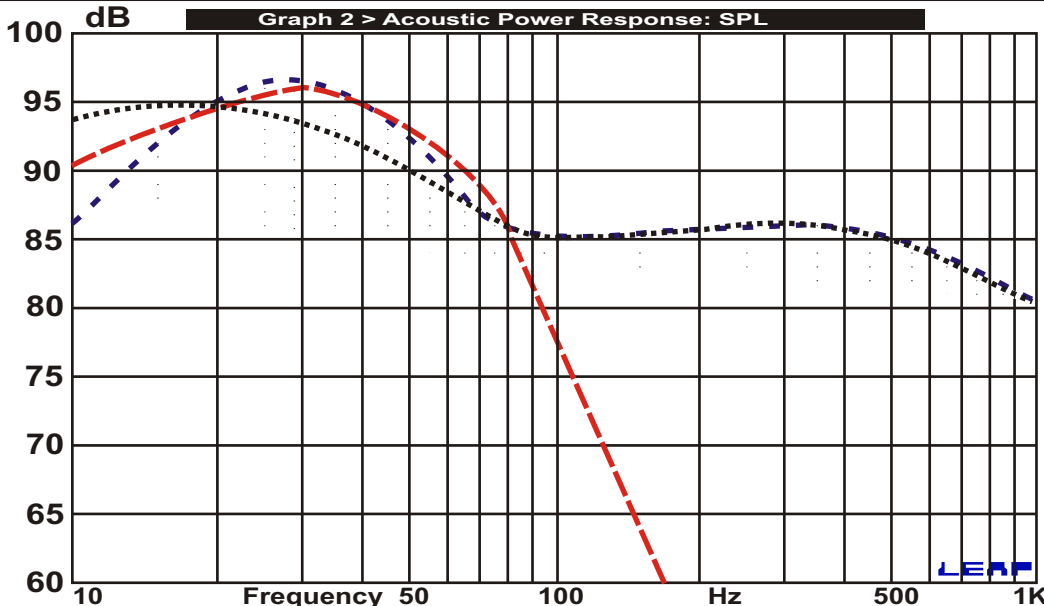
Loudspeaker Enclosure Analysis Program  
Ver 4.60, ©

Date: NOV. 29, 2002  
Time: Friday 2:24PM

DGL Library:  
ID12 D2 V.3 .DGL

### ID12 D2 V.3 IN CAR RESPONSE CURVES

- SEALED ENCLOSURE 1.25 CUFT
- - - - - PORTED ENCLOSURE 1.75 CUFT 32HZ
- - - - - SINGLE REFLEX BANDPASS 1.25 REAR 1.25 FRONT 59 HZ



SEALED ENCLOSURES ARE VERY STRONGLY SUGGESTED FOR MOST LISTENERS FOR FURTHER TECHNICAL ENCLOSURE HELP PLEASE CALL 951-281-2000

ENCLOSURE RECOMMENDATIONS