

ID12 D4 V.3

ULTRA LOW FREQUENCY TRANSDUCER

SPEAKER SPECIFICATIONS

IMP	2/8 ohms	Nominal Impedance
Re	1.8/7.2 ohms	DC Resistance
Fs	20.9Hz	Resonant frequency
Qes	.397	Electrical "Q"
Qms	4.172	Mechanical "Q"
Qts	.363	Total "Q"
Vas	5.92 cuft (168 liters)	Equivalent volume
Xmax	17.0mm	One way linear
Sd	545 cm ²	Cone Area
Spl	88.6db	Sensitivity SPL _o
Pwr	250rms/450max	Power Handling

DIMENSIONS



Speaker displacement .07 cuft.

BOTH VOICE COILS MUST BE USED.

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

ENCLOSURE SPECIFICATIONS

TYPE OF LISTENER	LARGE	NORMAL	SMALL
SEALED VOLUMES GROSS -3db In car \ Free space	1.5 cuft. (INFINITE BAFFLE _{opt}) 16hz \ 42hz	1.25 cuft. 17hz \ 44hz	.8 cuft 20hz \ 50hz
PORTED VOLUMES GROSS 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
SINGLE REFLEX BANDPASS 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

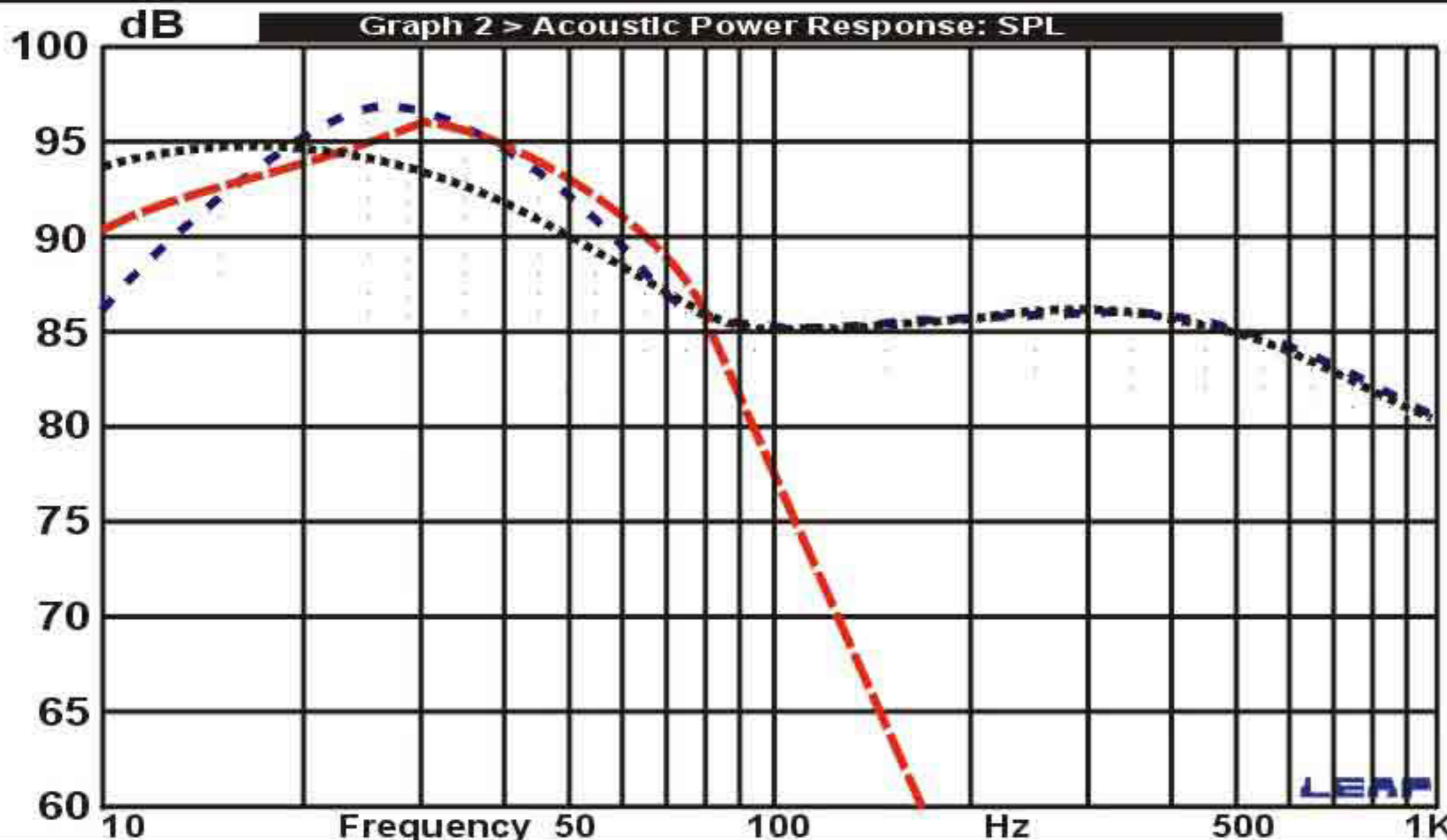
Loudspeaker Enclosure Analysis Program
Ver 4.60, ©

Date: NOV. 29, 2002
Time: Friday 3:43PM

DGL Library:
ID12 D4 V.3 .DGL

ID12 D4 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 310-787-2399

ENCLOSURE RECOMMENDATIONS