

## ID10 D4 V.3

ULTRA LOW FREQUENCY  
TRANSDUCER

### SPEAKER SPECIFICATIONS

IMP	2/8 ohms	Nominal Impedance
Re	1.8/7.2 ohms	DC Resistance
Fs	23.2Hz	Resonant frequency
Qes	.387	Electrical "Q"
Qms	3.714	Mechanical "Q"
Qts	.35	Total "Q"
Vas	2.43 cuft (69 liters)	Equivalent volume
Xmax	17.0mm	One way linear
Sd	350 cm <sup>2</sup>	Cone Area
Spl	86.5db	Sensitivity
Pwr	250rms/450max	Power Handling

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

### DIMENSIONS



Speaker displacement .05 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	.80 cuft. 18hz \ 42hz	.60 cuft. 20hz \ 45hz	.40 cuft 21hz \ 50hz
<b>PORTED VOLUMES GROSS</b> Ported Frequency Port Dimensions -3db In Car \ Free space	1.62 cuft 28hz 3"ID X 12.50"	1.37 cuft 30hz 3"ID X 14.0"	1.14 cuft 32hz 3.0" ID X 15.0"
<b>SINGLE REFLEX BANDPASS</b> Gross rear volume Gross front volume Front ported frequency Port Qty. And dimensions	N/R N/R N/R N/R	.70 cuft 1.0 cuft 50 hz 20 SQ IN X 17.25"	.70 cuft 1.0 cuft 50hz 20 SQ IN X 17.25"

**LEAP**

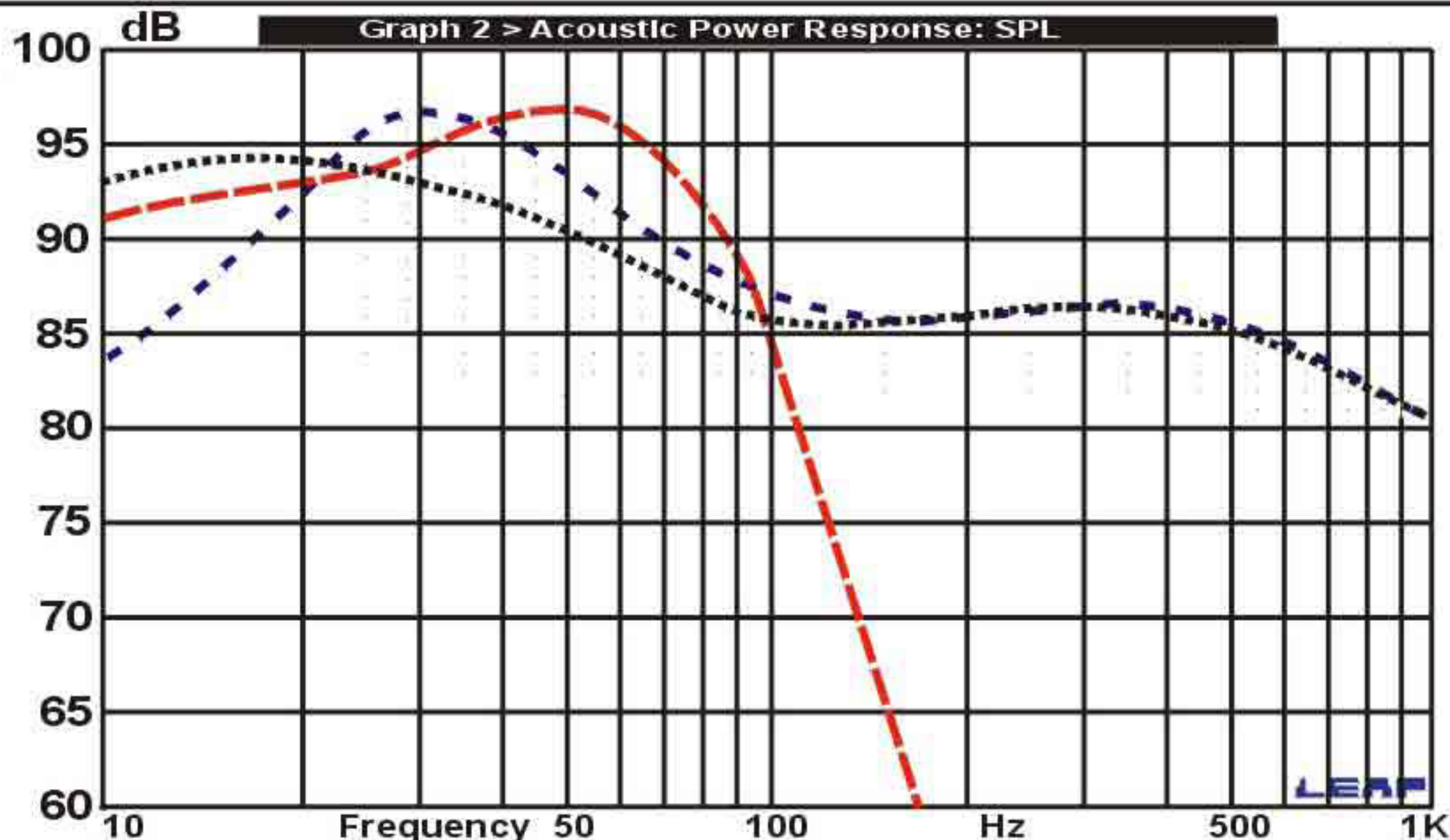
Loudspeaker Enclosure Analysis Program  
Ver 4.60, ©

Date: Oct 4, 2002  
Time: Fri 11:34 am

DGL Library:  
ID10 D4 V.3 .DGL

### ID10 D4 IN CAR RESPONSE CURVES

- SEALED ENCLOSURE .70 CUFT
- - - - - PORTED ENCLOSURE 1.25 CUFT 30HZ
- . - . - SINGLE REFLEX BANDPASS .70 REAR 1.0 FRONT 50 HZ



SEALED ENCLOSURES ARE VERY STRONGLY SUGGESTED FOR MOST LISTENERS  
FOR FURTHER TECHNICAL ENCLOSURE HELP PLEASE CALL 800-836-3051

ENCLOSURE RECOMMENDATIONS