

IMAGE DYNAMICS™

IDQ15 D2 V.2

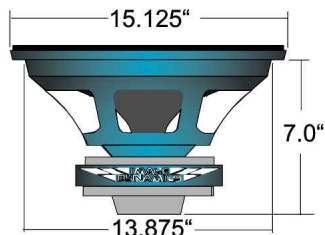
ULTRA LOW FREQUENCY
TRANSDUCER

SPEAKER SPECIFICATIONS

IMP	1 / 4ohms	Nominal Impedance
Re	1.05/ 4.1 ohms	DC Resistance
Fs	20.5Hz	Resonant frequency
Qes	.265	Electrical "Q"
Qms	4.96	Mechanical "Q"
Qts	.251	Total "Q"
Vas	9.45 cuft (268 liters)	Equivalent volume
Xmax	13.5mm	One way linear
Sd	840 cm2	Cone Area
Spl	94.2 db	Sensitivity 50 to 100 hz
Pwr	400/800watts	RMS / PROGRAM

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

DIMENSIONS



Speaker displacement .15cuft.

BOTH VOICE COILS MUST BE USED AT ALL TIMES

ENCLOSURE SPECIFICATIONS

TYPE OF LISTENER	LARGE	NORMAL	SMALL
SEALED VOLUMES GROSS	1.55 cuft.	1.35 cuft.	1.1 cuft
-3db In car \ Free space	14hz \ 44hz	16hz \ 48hz	20hz \ 50hz
PORTED VOLUMES GROSS	2.75cuft	2.28 cuft	2.0 cuft
Ported Frequency	30hz	30hz	34hz
Port Dimensions	4"ID X 11.625"	4"ID X 15.0"	4.0" ID X 13.5"
-3db In Car \ Free space	16hz \ 28hz	18hz \ 32hz	20hz \ 38hz
SINGLE REFLEX BANDPASS			
Net rear volume	N/R	1.25 cuft	1.25 cuft
Net front volume	N/R	1.5 cuft	1.5 cuft
Front ported frequency	N/R	68 hz	68hz
Port Qty. And dimensions	N/R	40 SQ IN X 9.5"	--OR-- 40 SQ IN X 9.5"

LEAP®

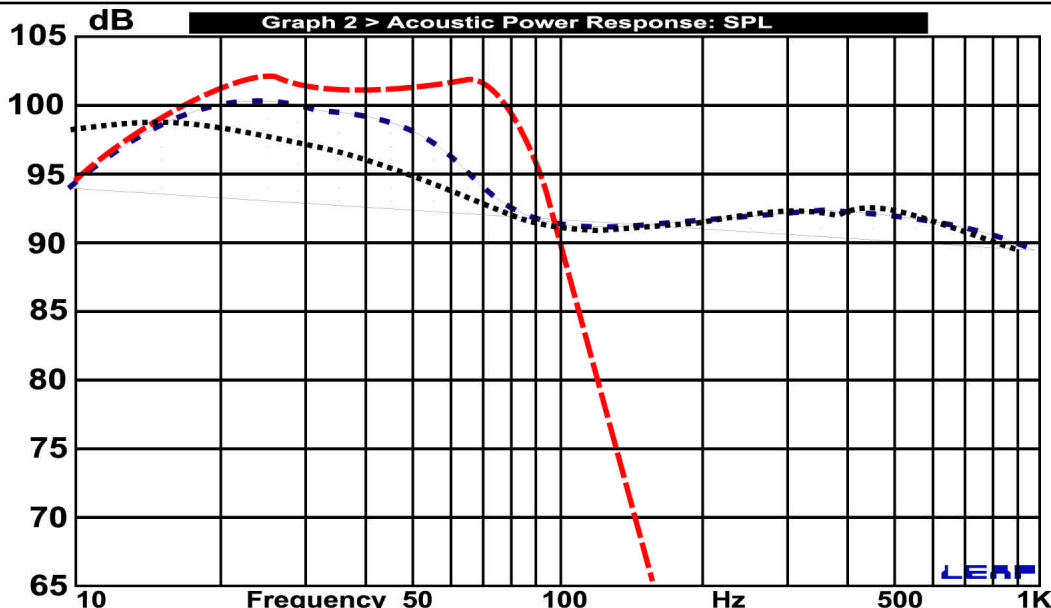
Loudspeaker Enclosure Analysis Program
Ver 4.60, ©

Date: AUG 9, 2000
Time: WED 5:25PM

DGL Library:
IDQ15 D2 V.2 .DGL

IDQ15 D2 IN CAR RESPONSE CURVES

- SEALED ENCLOSURE 1.25 CUFT
- - - - - PORTED ENCLOSURE 2.0 CUFT 30HZ
- - - - - SINGLE REFLEX BANDPASS 1.25 REAR 1.5 FRONT 68 HZ



ENCLOSURE RECOMMENDATIONS

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