

IMAGE DYNAMICS™

IDW18 SINGLE 8 OHM

ULTRA LOW FREQUENCY
TRANSDUCER

ENCLOSURE RECOMMENDATIONS

SPEAKER SPECIFICATIONS

IMP	8ohms	Nominal Impedance
Re	5.7 ohms	DC Resistance
Fs	30Hz	Resonant frequency
Qes	.31	Electrical "Q"
Qms	8.92	Mechanical "Q"
Qts	.30	Total "Q"
Vas	10.56 cuft (300 liters)	Equivalent volume
Xmax	6.5mm	One way linear
Sd	1100 cm ²	Cone Area
Spl	98.5db	Sensitivity
Pwr	500 watts	RMS Power handling

DIMENSIONS

Overall diameter	18.5"
Mounting depth	7.625"
Cutout diameter	16.75"
Speaker displacement	.19cuft.

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

ENCLOSURE SPECIFICATIONS

TYPE OF LISTENER	AUTOPHILE	NORMAL	MACRO-BASS
SEALED VOLUMES	2.35 cuft.	2.0 cuft.	1.5 cuft
-3db In car \ Free space	18hz \ 58hz	20hz \ 66hz	24hz \ 70hz
PORTED VOLUMES	3.4 cuft	3.4 cuft	3.4cuft
Ported Frequency	32hz	32hz	40hz
Port Dimensions & Qty.	2ea 4"ID X 13.5"	2ea 4"ID X 13.5"	2ea 4"ID X 9.00"
-3db In Car \ Free space	19hz \ 42hz	19hz \ 42hz	28hz \ 46hz

DUAL REFLEX BANDPASS

Net rear volume	N/R
Rear port dimensions	N/R
Net front volume	N/R
front port dimensions	N/R

LEAP®

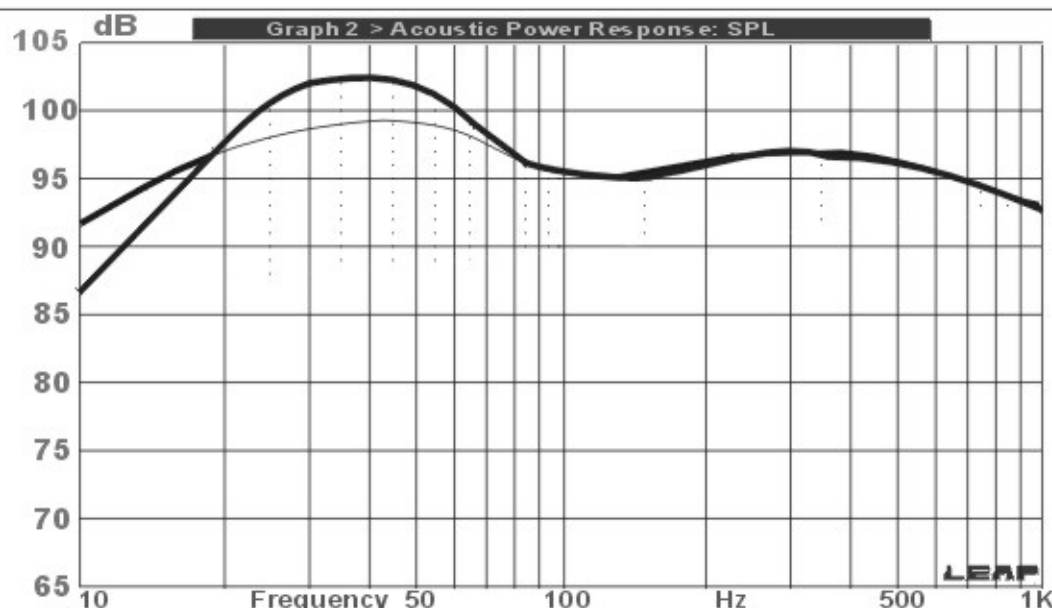
Loudspeaker Enclosure Analysis Program
Ver 4.60, (C)

Date: Mar 5, 1997
Time: Sat 1:25PM

DGL Library:
IDW18 DGL

IDW18 IN CAR RESPONSE CURVES

— SEALED ENCLOSURE 2.0 CUFT
— PORTED ENCLOSURE 3.4 CUFT 32HZ



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