



IDQ 12 D2 V.3

SPEAKER SPECIFICATIONS

IMP	1/4 ohms	Nominal Impedance
Re	.9 / 3.6 Ohms	DC Resistance
Fs	26 Hz	Resonant frequency
Qes	.437	Electrical "Q"
Qms	2.806	Mechanical "Q"
Qts	.374	Total "Q"
Vas	3.0 cuft (85 liters)	Equivalent volume
Xmax	18 mm	One way linear
Sd	519.45 cm ²	Cone Area
Spl ₀	87.22 dB	Sensitivity
Pwr	50/500 Watts	POWER Range

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

DIMENSIONS



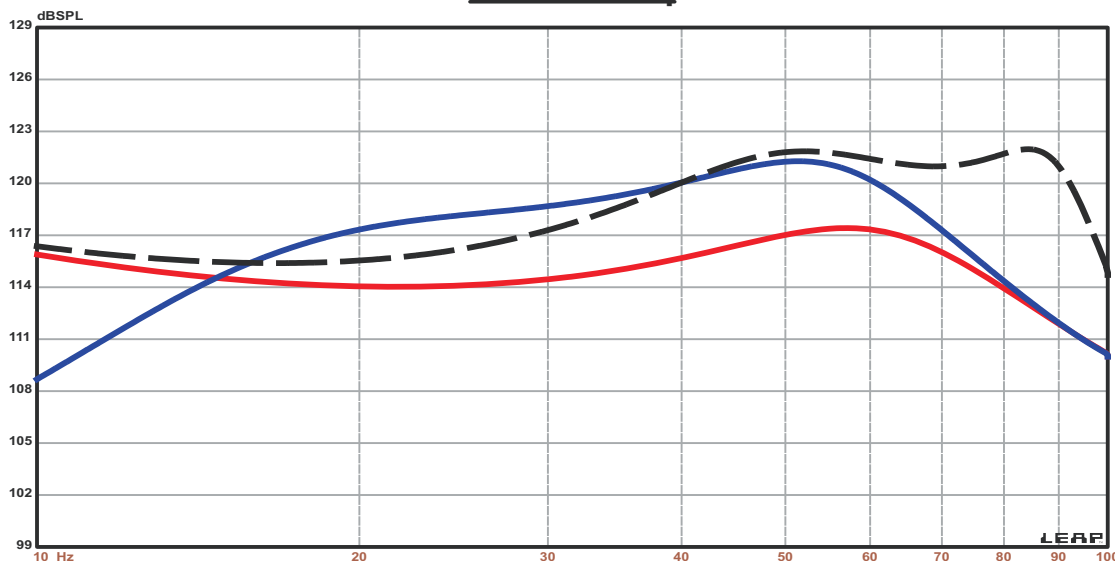
Speaker displacement 0 .05 cuft.

BOTH VOICE COILS MUST BE USED AT ALL TIMES

ENCLOSURE SPECIFICATIONS

	<u>Audiophile</u> (Large Box)	<u>Universal</u> (Intermediate Box)	<u>Compact</u> (Small Box)
SEALED VOLUMES GROSS Infinite Baffle Ready	1 cu.ft (28.31 L)	.88 cu.ft (24.91 L)	.65 cu.ft (18.40 L)
PORTED VOLUMES GROSS Ported Frequency Port Dimensions Poly Fill	1.9 cu. ft. 28hz 4" Round X 13.80" long 0 to 3 Pounds	1.5 cu. ft. 30hz 3" Round X 8.30" long 0 to 2 pounds	1.2 cu. ft. 34hz 3" Round X 8" long 0 to 2 pounds
BANDPASS VOLUME GROSS Ported Frequency Port Dimensions Box volumes:	2.70 cu.ft 65 hz 6" Round X 5.5" long Front (ported) 1.5 cu.ft Rear (sealed) 1.2 cu.ft	1.5 cbft 70 hz 4" Round X 5.04 long Front (Ported) .75 cu.ft Rear (Sealed) .75 cu.ft	N/A

SPL vs Freq



- 12: Sealed .88 cbft
- 13: ported 1.55 cbft
- 14: 4th Order Bandpass

iDQ 12 v.3 Sealed .88 cbft "uni"

iDQ 12 v.3 Ported 1.2 cbft "uni" tuned at 30 hrz

iDQ 12 v.3 Bandpass 1.5 cbft "uni"

3db scale

Power scale 500 watts

All designs are in car resonance curves

Results will change from car to car

ENCLOSURE RECOMMENDATIONS