

# IMAGE DYNAMICS™

## IDQ8D4 V.4

### SPEAKER SPECIFICATIONS

IMP	Dual 4 Ohm	Nominal Impedance
Re	2.90 Ohms	DC Resistance
Fs	35.05Hz	Resonant Frequency
Qes	0.64	Electrical "Q"
Qms	1.31	Mechanical "Q"
Qts	0.43	Total "Q"
Vas	0.57 cuft (16.20 liters)	Equivalent Volume
Xmax	14 mm	Peak Excursion
Sd	216.42 cm <sup>2</sup>	Piston Area
SPL	82.20 dB	Sensitivity w/m
BL	13.07 Tm	Force Factor
Pwr	500	RMS Power

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

### DIMENSIONS



Speaker displacement	0.05 cuft	(1.42 liters)
Mounting Depth	125.75 mm	(4.95 in)
Cut Out Diameter	184.40 mm	(7.26 in)
Screw Hole Diameter	197.00 mm	(7.76 in)
Outside Diameter	212.00 mm	(8.35 in)

**BOTH VOICE COILS MUST BE USED AT ALL TIMES**

### ENCLOSURE SPECIFICATIONS

	COMPACT/SMALL	UNIVERSAL/INTERMEDIATE	AUDIOPHILE/LARGE
<b>SEALED VOLUMES GROSS</b> 3db In Car (F3) / Qtc	0.33 cu.ft. 57 Hz / 0.71	0.53 cu.ft. 58 Hz / 0.62	0.73 cu.ft. 59 Hz / 0.57
<b>PORTED VOLUMES GROSS</b>	0.5 cu. ft.	0.75 cu. ft.	1 cu. ft.
Port Frequency	40 Hz	40 Hz	40 Hz
-3db In Car (F3)	37 Hz	34 Hz	32 Hz
Subsonic Filter Setting	30 Hz	30 Hz	30 Hz
Round Port Dimensions	2" X 9"	2" X 5.5"	2" X 3.75"
Round Port Displacement	0.02 cu.ft.	0.01 cu.ft.	0.007 cu.ft.
Slot Port Opening	6 x 1 in.	6 x 1 in.	6 x 1 in.
Slot Port Length	17.25"	10.65"	7.40"
Slot Port Displacement	0.6 cu.ft.	0.04 cu.ft.	0.03 cu.ft.

\*When using slot port, remember to account for material thickness displacement.

#### SINGLE REFLEX BANDPASS

Net rear volume  
Net front volume  
Front ported frequency  
Port Qty. and Dimensions

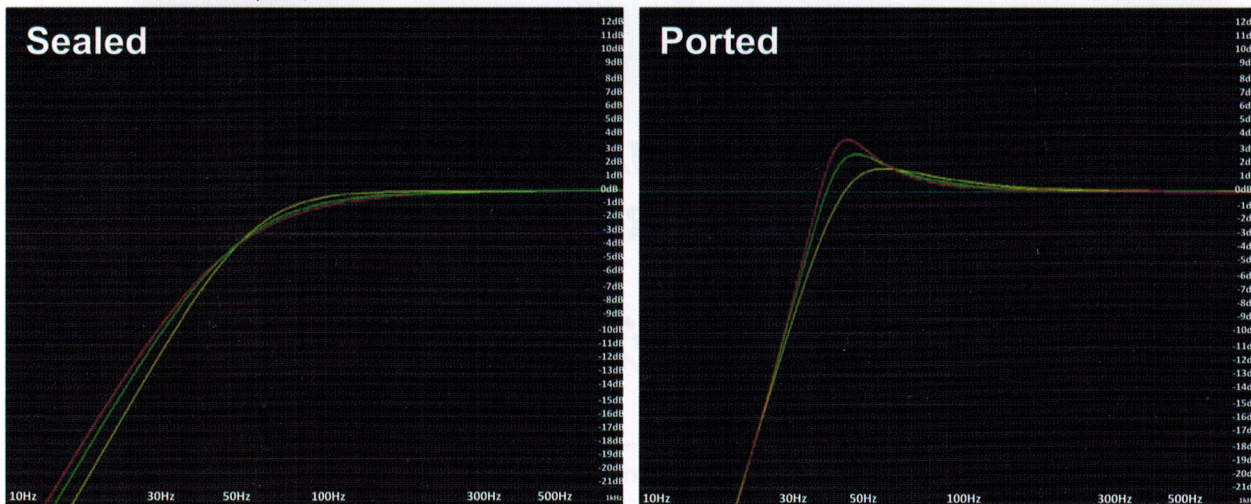
*Please call for assistance*

### IDO8 D4 V.4 IN CAR RESPONSE CURVES

Compact / Minimum Volume  
 Universal / Recommended Volume  
 Audiophile / Maximum Volume

\*Contact Tech for special application enclosures.

\*\*Enclosure volume does not include Port & speaker displacements.



ENCLOSURE RECOMMENDATIONS

SEALED ENCLOSURES ARE VERY STRONGLY SUGGESTED FOR MOST LISTENERS  
FOR FURTHER TECHNICAL SUPPORT PLEASE CALL 866-933-1414 OR EMAIL [sales@imagedynamicsusa.net](mailto:sales@imagedynamicsusa.net)

# IMAGE DYNAMICS™

## IDQ8D2 V.4

### SPEAKER SPECIFICATIONS

IMP	Dual 2 Ohm	Nominal Impedance
Re	1.85 Ohms	DC Resistance
Fs	31.10Hz	Resonant Frequency
Qes	0.66	Electrical "Q"
Qms	1.80	Mechanical "Q"
Qts	0.48	Total "Q"
Vas	0.54 cuft (15.20 liters)	Equivalent Volume
Xmax	14 mm	Peak Excursion
Sd	216.42 cm <sup>2</sup>	Piston Area
SPL	82.60 dB	Sensitivity w/m
BL	10.35 Tm	Force Factor
Pwr	500	RMS Power

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

### DIMENSIONS



Speaker displacement	0.05 cuft (1.42 liters)
Mounting Depth	125.75 mm (4.95 in)
Cut Out Diameter	184.40 mm (7.26 in)
Screw Hole Diameter	197.00 mm (7.76 in)
Outside Diameter	212.00 mm (8.35 in)

**BOTH VOICE COILS MUST BE USED AT ALL TIMES**

### ENCLOSURE SPECIFICATIONS

	COMPACT/SMALL	UNIVERSAL/INTERMEDIATE	AUDIOPHILE/LARGE
<b>SEALED VOLUMES GROSS</b>	<b>0.33 cu.ft.</b>	<b>0.53 cu.ft.</b>	<b>0.73 cu.ft.</b>
3db In Car (F3) / Qtc	57 Hz / 0.71	58 Hz / 0.62	59 Hz / 0.57
<b>PORTED VOLUMES GROSS</b>	<b>0.5 cu. ft.</b>	<b>0.75 cu. ft.</b>	<b>1 cu. ft.</b>
Port Frequency	40 Hz	40 Hz	40 Hz
-3db In Car (F3)	37 Hz	34 Hz	32 Hz
Subsonic Filter Setting	30 Hz	30 Hz	30 Hz
Round Port Dimensions	2" X 9"	2" X 5.5"	2" X 3.75"
Round Port Displacement	0.02 cu.ft.	0.01 cu.ft.	0.007 cu.ft.
Slot Port Opening	6 x 1 in.	6 x 1 in.	6 x 1 in.
Slot Port Length	17.25"	10.65"	7.40"
Slot Port Displacement	0.6 cu.ft.	0.04 cu.ft.	0.03 cu.ft.

\*When using slot port, remember to account for material thickness displacement.

**SINGLE REFLEX BANDPASS**  
 Net rear volume  
 Net front volume  
 Front ported frequency  
 Port Qty. and Dimensions

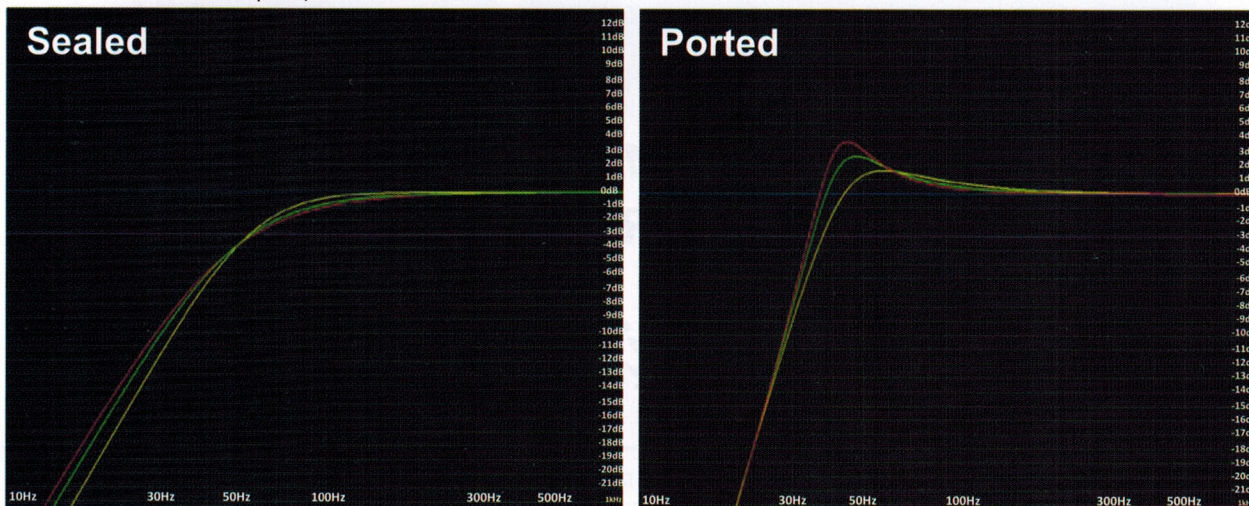
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### IDQ8 D2 V.4 IN CAR RESPONSE CURVES

— Compact / Minimum Volume  
— Universal / Recommended Volume  
— Audiophile / Maximum Volume

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