



IDQ 10 D2 V.3

SPEAKER SPECIFICATIONS

IMP	1/4 ohms	Nominal Impedance
Re	1.025/ 4.1 Ohms	DC Resistance
Fs	25.528 Hz	Resonant frequency
Qes	.470	Electrical "Q"
Qms	2.100	Mechanical "Q"
Qts	.384	Total "Q"
Vas	2.5 cuft (71 liters)	Equivalent volume
Xmax	19.0 mm	One way linear
Sd	399.1 cm2	Cone Area
Splo	85 dB	Sensitivity
Pwr	50/500 Watts	POWER Range

SPECIFICATIONS SUBJECT TO CHANGE OR IMPROVEMENT WITHOUT NOTICE

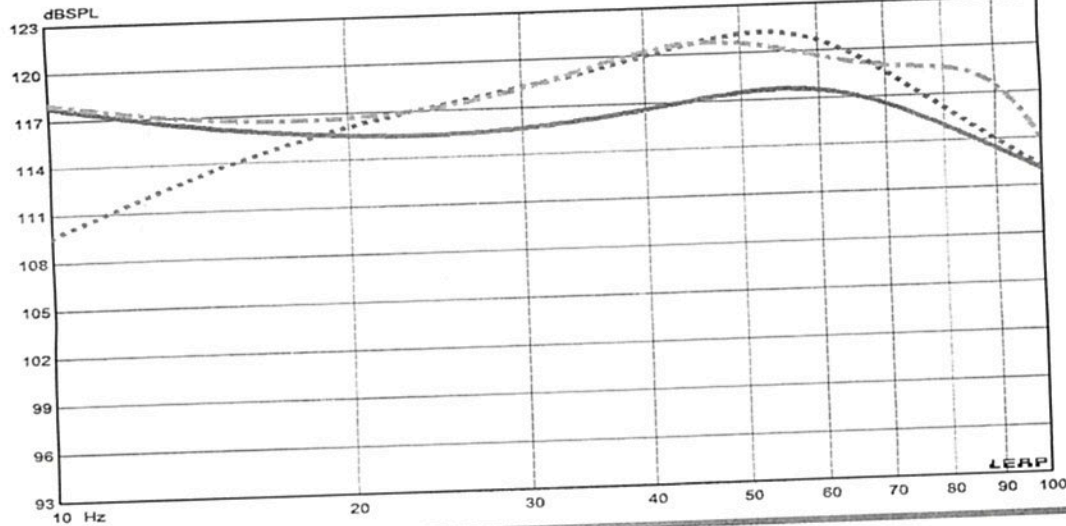
DIMENSIONS



ENCLOSURE SPECIFICATIONS

	<u>Audiophile</u> (Large Box)	<u>Universal</u> (Intermediate Box)	<u>Compact</u> (Small Box)
SEALED VOLUMES GROSS Infinite Baffle Ready	1.1 cu.ft (31.148 L)	.75 cu.ft (21.237 L)	.55 cu.ft (15.574 L)
PORTED VOLUMES GROSS Ported Frequency Port Dimensions	1.5 cu. ft. 28hz 4" Round X 19.231" long	1.2 cu. ft. 30hz 3" Round X 11.4" long	1 cu. ft. 34hz 3" Round X 10.57" long
BANDPASS VOLUME GROSS Ported Frequency Port Dimensions Box volumes:	1.75 cu.ft 65 hz 4" Round X 5.46" long Front (ported) .75 cu.ft Rear (sealed) 1.0 cu.ft	1.5 cbft 61 hz 4" Round X 6.6 long Front (Ported) .75 cu.ft Rear (Sealed) .75 cu.ft	N/A

SPL vs Freq



Map
 --- 31: iDQ 10 v.3 sealed .75 " uni"
 --- 34: iDQ 10 v.3 ported 1.2 "uni"
 --- 37: Bandpass iDQ 10 d2 v.3 1.5 cbft

Notes
 iDQ 10 v.3 Ported 1.2 cbft "uni" tuned at 30 hrz
 iDQ 10 v.3 Sealed .75 cu.ft " uni"
 iDQ 10 v.3 bandpass 1.5 cu.ft "uni"
 3db scale
 Power scale 300 watts
 All designs are in car resonance curves
 Results will change from car to car.

LEAP Enclosure Shop Person: Matt Borgardt (aka. iDTech) Company: Image Dynamics Usa Project: iDQ 10 box design File: iDQ 10 v.3.ted Jul 20, 2007 Fri 8:04 am LINEAR X

FOR FURTHER TECHNICAL HELP PLEASE CALL 866 933 1414 or go to www.imagedynamicsusa.com/forum

ENCLOSURE RECOMMENDATIONS

IMAGE DYNAMICS USA LIMITED WARRANTY

IMAGE DYNAMICS USA warrants this product is free from defects in material and workmanship for a period of 1 (one) year from date of original purchase when installed by an authorized retailer or in a retailer approved installation, this must be indicated in writing on the original sales receipt.

Ninety (90) days if not installed by an authorized dealer or in an authorized retailer approved installation.

This warranty is not transferable and applies only to the original retail purchaser of the product from an authorized IMAGE DYNAMICS Retailer. Upon inspection by Image Dynamics should service be necessary under this warranty for any reason due to manufacturing defects IMAGE DYNAMICS USA will, at its sole discretion, repair or replace the defective product with new or re-manufactured product at no charge.

This warranty is limited and does not cover claims for damage caused by misuse, abuse, neglect, alteration, or burnt or overheated voice coils, normal wear and tear, and is limited to material failures or defects arising during normal use in a dealer approved installation.

All warranty returns should be sent to IMAGE DYNAMICS USA freight prepaid through an authorized IMAGE DYNAMICS retailer and must be accompanied by proof of purchase (a copy of the original sales receipt). Direct returns from consumers or non-authorized retailers will be refused unless specifically authorized by IMAGE DYNAMICS customer service with a valid return authorization number. This warranty does not cover the cost of removing or reinstalling the speakers.

All warranty returns must be packaged in original retail packaging and be accompanied by a copy of the original sales receipt. Products damaged in shipment due to improper packaging will not be covered under this warranty.

No other warranties are expressed or implied.

In no event will IMAGE DYNAMICS be liable for incidental, consequential, or other damages resulting from the use of this product, this includes but is not limited to, damage to hearing, property or person, damage based upon inconvenience or on loss of use of the product, and, to the extent permitted by law, damages for personal injury.

This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. This warranty applies to products sold and used in the United States of America. In all other countries, contact your distributor. If you have any questions please contact customer service @ 866-933-1414 or go to imagedynamicsusa.com/forum ask for:IDTech

CAUTION:

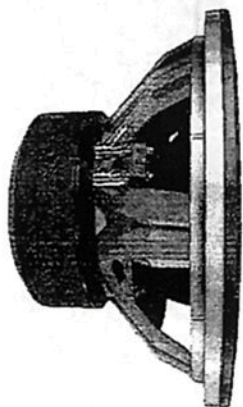
THESE PRODUCTS ARE CAPABLE OF VERY HIGH SOUND PRESSURE LEVELS. PROLONGED EXPOSURE TO SOUND PRESSURE LEVELS IN EXCESS OF 100DB CAN CAUSE PERMANENT HEARING LOSS. PLEASE LISTEN USING COMMON SENSE AND RESTRAINT

Image is everything...

IDQ 10 D2 V.3

ULTRA LOW FREQUENCY, ULTRA LONG EXCURSION DRIVER

**THIELE SMALL PARAMETERS AND
ENCLOSURE RECOMMENDATIONS**



**IMAGE
DYNAMICS™**

FOR MORE INFO www.imagedynamicsusa.com E-MAIL id@imagedynamicsusa.com
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