

NEODYMIUM SERIES

DELTA-LITE® II 2512

Suited for pro audio as a mid/hi or full-range and monitor. Also recommended for bass guitar. Works well in sealed or vented enclosures.

- 500 W Program Power
- 12" Nominal Diameter
- 8 Ω

APPLICATION	ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box <input checked="" type="checkbox"/>
Midbass	<input checked="" type="checkbox"/>	Vented Box <input checked="" type="checkbox"/>
Woofer	<input checked="" type="checkbox"/>	Scoop Loading <input type="checkbox"/>
Subwoofer	<input type="checkbox"/>	Horn Loading <input checked="" type="checkbox"/>
Bass Guitar	<input checked="" type="checkbox"/>	



SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	44 Hz
Usable Frequency Range	58 Hz – 4.3 kHz
Sensitivity*	99.9 dB
Magnet Weight	7 oz.
Gap Height	0.275", 7 mm
Voice Coil Diameter	2.5", 64 mm

THIELE & SMALL PARAMETERS

Fs	44 Hz
Re	5.17 Ω
Le	0.43 mH
Qms	4.17
Qes	0.45
Qts	0.41
Vas	4.76 cu.ft., 134.88 liters
Vd	255 cc
Cms	0.36 mm/N
BL	10.69 T-M
Mms	37 grams
EBP	96
Xmax	4.9 mm
Sd	519.5 cm ²
Xlim	8.5 mm

MOUNTING INFORMATION

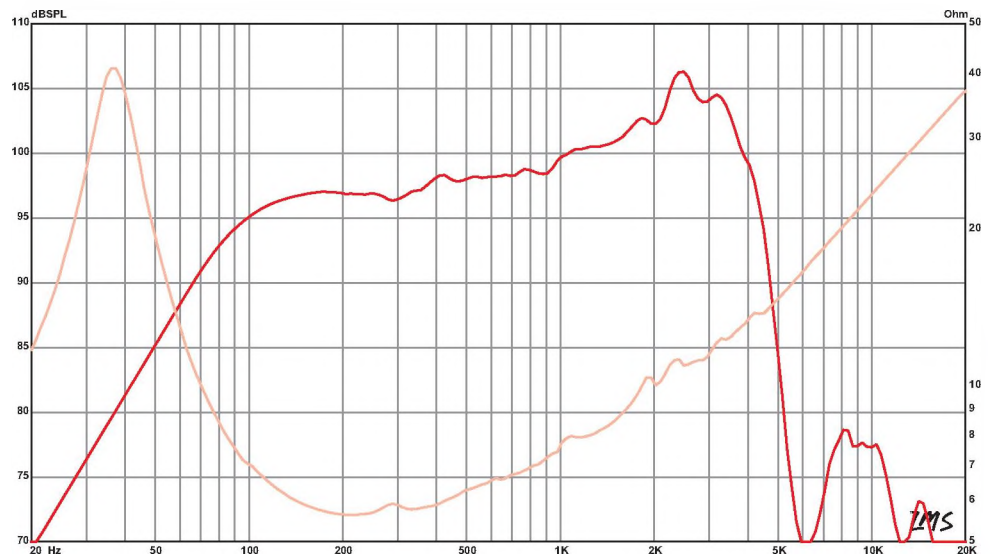
Recommended Enclosure Volume	
Sealed	25.49–42.48 liters, 0.9–1.5 cu.ft.
Vented	32.56–127.43 liters, 1.15–4.5 cu.ft.
Driver Volume Displaced	0.05 cu.ft., 1.42 liters
Overall Diameter	12.38", 314.5 mm
Baffle Hole Diameter	11.06", 280.9 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	11.62", 295.2 mm
Depth	6.06", 153.9 mm
Net Weight	5.1 lbs., 2.31 kg
Shipping Weight	6.8 lbs., 3.08 kg

MATERIALS OF CONSTRUCTION

Aluminum voice coil
Polymide former
Neodymium magnet
Vented core
Die-cast aluminum basket/ heatsink
Paper cone
Cloth cone edge
Solid composition paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.