

NEODYMIUM SERIES

DELTA LITE® II 2510

Recommended for pro audio as a mid/hi or full-range and monitor. Also suited for bass guitar and works well in sealed or vented enclosures.

- 500 W Program Power
- 10" Nominal Diameter
- 8 or 4 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	10", 254 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	53 Hz
Usable Frequency Range	60 Hz – 4 kHz
Sensitivity*	97.3 dB
Magnet Weight	7 oz.
Gap Height	0.275", 7 mm
Voice Coil Diameter	2.5", 64 mm

MATERIALS OF CONSTRUCTION

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



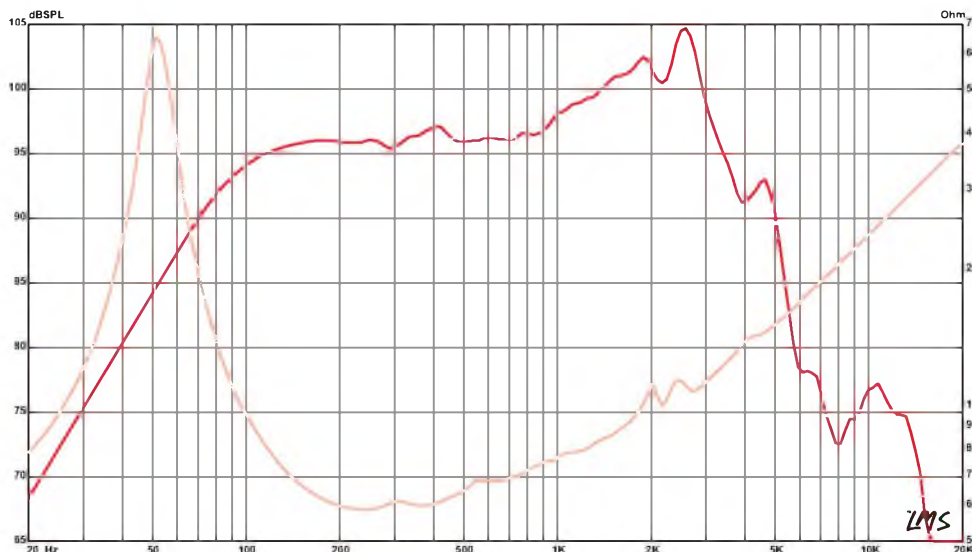
THIELE & SMALL PARAMETERS

Fs	53 Hz
Re	5.06 Ω
Le	0.4 mH
Qms	5.76
Qes	0.45
Qts	0.42
Vas	1.85 cu.ft., 52.5 liters
Vd	147 cc
Cms	0.3 mm/N
BL	10.6 T-M
Mms	31 grams
EBP	117
Xmax	4.2 mm
Sd	350.1 cm ²
Xlim	8 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	12.7–17 liters, 0.45–0.6 cu.ft.
	Vented	17–39.6 liters, 0.6–1.4 cu.ft.
Driver Volume Displaced		0.026 cu.ft., 0.74 liters
Overall Diameter		10.25", 260.4 mm
Baffle Hole Diameter		9.15", 232.4 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		Yes
Mounting Holes Diameter		0.28", 7.1 mm
Mounting Holes B.C.D.		9.73", 247.1 mm
Depth		4.9", 124.5 mm
Net Weight		4.6 lbs., 2.09 kg
Shipping Weight		5.7 lbs., 2.59 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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