



DELTALITE® 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	☐	Sealed Box	☒
Midbass	☒	Vented Box	☒
Woofer	☒	Scoop Loading	☐
Subwoofer	☐	Horn Loading	☒
Bass Guitar	☒		

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	53.1 Hz
Usable Frequency Range	49 Hz – 4.3 kHz
Sensitivity*	99.6 dB
Magnet Weight	7 oz / 198.443g.
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
Treated paper cone
Cloth cone edge
Treated paper dust cap



THIELE & SMALL PARAMETERS

Fs	53.1 Hz
Re	5.28 Ω
Le	0.31 mH
Qms	2.94
Qes	0.64
Qts	0.52
Vas	2.38 cu.ft., 64.44 liters
Vd	255 cc
Cms	0.36 mm/N
BL	10.69 T-M
Mms	37 grams
EBP	83.41
Xmax	4.9 mm
Sd	519.5 cm ²
Xlim	8.5 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	25.49–73.62 liters 0.9–2.6 cu.ft.
Vented	28.32–116.1 liters, 1.00–4.1 cu.ft.
Driver Volume Displaced	84.64 cu.in., 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

FREQUENCY RESPONSE & IMPEDANCE CURVE*

SPL vs Freq

