



# EPA-S1512

**12"** Medium power pro audio and MI driver. Works well as a mid in small sealed boxes, or as a mid/bass driver in vented box. Can also be used for Bass Guitar in medium sized vented cabinets



### SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	125 W
Music Program	250 W
Resonance	47 Hz
Usable Frequency Range	40 Hz – 5 kHz
Sensitivity***	96.5 dB
Magnet Weight	20 oz.
Gap Height	0.24", 6.1 mm
Voice Coil Diameter	1.5", 38 mm

### THIELE & SMALL PARAMETERS\*

Fs	47 Hz
Re	6.7 Ω
Le	0.67 mH
Qms	5.9
Qes	0.92
Qts	0.79
Vas	4 cu.ft., 113.23 liters
Vd	167.2 cc
Cms	0.29 mm/N
BL	9.2 T-M
Mms	39 grams
EBP	51
Xmax	3.2 mm
Sd	525.9 cm <sup>2</sup>
Xlim	6.7 mm

### MOUNTING INFORMATION

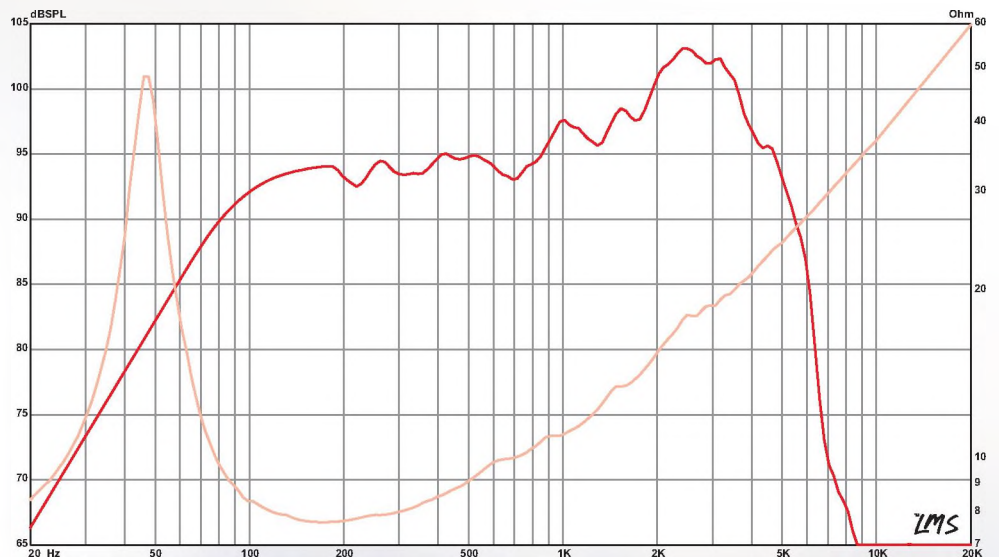
Recommended Enclosure Volume	
Sealed	20–51 liters, 0.7–1.8 cu.ft.
Vented	93–147 liters, 3.3–5.2 cu.ft.
Driver Volume Displaced	0.063 cu.ft., 1.78 liters
Overall Diameter	12.25", 311.2 mm
Baffle Hole Diameter	11", 279.4 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.72", 297.7 mm
Depth	4.63", 117.6 mm
Net Weight	4.87 lbs, 2.21 kg
Shipping Weight	6.28 lbs, 2.85 kg

### MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polymide former
- Ferrite magnet
- Vented core, bumped backplate
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



\* See footnotes on page 15 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.