



# EPA-S1506

**6"** 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.



## SPECIFICATION

Nominal Basket Diameter	6.5", 165 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	100 W
Music Program	200 W
Resonance	111 Hz
Usable Frequency Range	103 Hz – 6 KHZ
Sensitivity***	94.7 dB
Magnet Weight	20 oz.
Gap Height	0.24", 6.1 mm
Voice Coil Diameter	1.5", 38 mm

## THIELE & SMALL PARAMETERS\*

Fs	111 Hz
Re	6.7 Ω
Le	0.55 mH
Qms	9.57
Qes	0.49
Qts	0.47
Vas	0.16 cu.ft., 4.49 liters
Vd	22.3 cc
Cms	0.2 mm/N
BL	9.8 T-M
Mms	10 grams
EBP	225
Xmax	1.8 mm
Sd	126.7 cm <sup>2</sup>
Xlim	5 mm

## MOUNTING INFORMATION

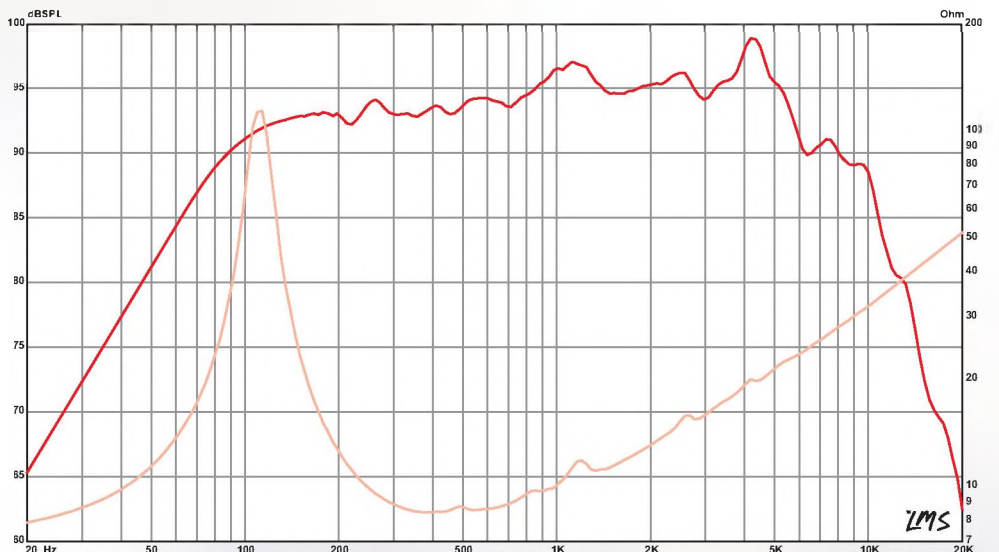
Recommended Enclosure Volume	
Sealed	2–5 liters, 0.1–0.2 cu.ft.
Vented	-5–7 liters, 0.2–0.3 cu.ft.
Driver Volume Displaced	0.014 cu.ft., 0.41 liters
Overall Diameter	6.58", 167.1 mm
Baffle Hole Diameter	5.6", 142.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.22", 5.6 mm
Mounting Holes B.C.D.	6.14", 156 mm
Depth	2.88", 73.2 mm
Net Weight	3.84 lbs , 1.74 kg
Shipping Weight	4.41 lbs , 2 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.