

NEODYMIUM SERIES

KAPPALITE™ 3010MB

Lightweight high power midbass driver. When used as a true midrange, a small sealed box will work. When used as a midbass, use a vented box.

- 800 W Program Power
- 10" Nominal Diameter
- 8 Ω

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

SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	800 W
Nominal Power	400 W
Resonance	51 Hz
Usable Frequency Range	85 Hz – 3.6 kHz
Sensitivity*	98.6 dB
Magnet Weight	11 oz.
Gap Height	0.365", 9.3 mm
Voice Coil Diameter	3", 76 mm

MATERIALS OF CONSTRUCTION

Edge wound copper voice coil
 Polyimide former
 Neodymium magnet
 Vented core
 Die-cast aluminum basket
 Treated paper cone
 Sealed cloth Edge
 Treated paper dust cap



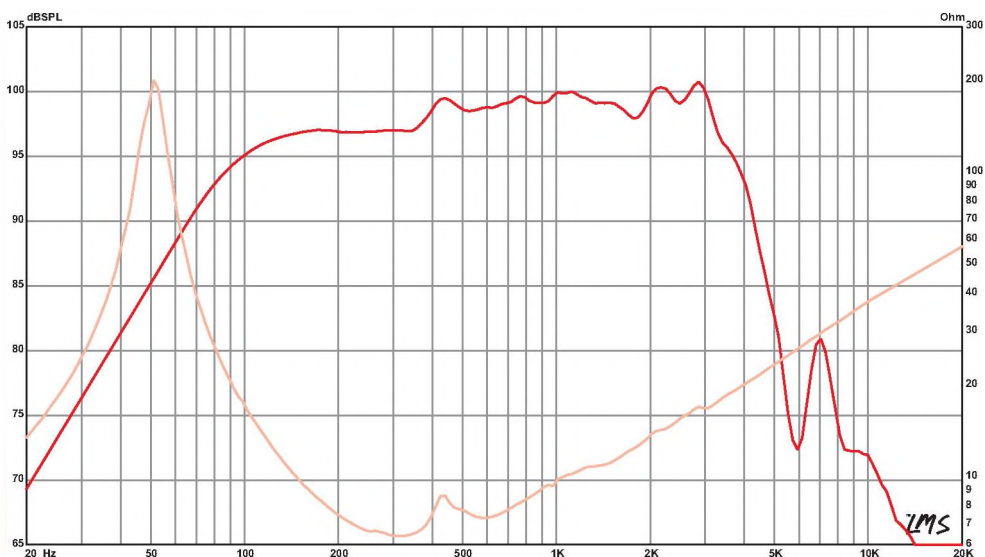
THIELE & SMALL PARAMETERS

Fs	51 Hz
Re	5.01 Ω
Le	0.68 mH
Qms	6.83
Qes	0.21
Qts	0.2
Vas	1.84 cu. ft., 52.1 liters
Vd	183.1 cc
Cms	0.28 mm/N
BL	16.51 T-M
Mms	36 grams
EBP	244
Xmax	5 mm
Sd	366.1 cm ²
Xlim	7.5 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	15.57–43.89 liters, 0.55–1.55 cu. ft.
Vented	19.82–63.71 liters, 0.7–2.25 cu. ft.
Driver Volume Displaced	0.037 cu. ft., 1.04 liters
Major Diameter	11.18", 284 mm
Flat to Flat Diameter	10", 254 mm
Baffle Hole Diameter	9.12", 231.7 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.29", 7.4 mm
Mounting Holes B.C.D.	10.49", 266.5 mm
Depth	4.61", 117.1 mm
Net Weight	7.1 lbs., 3.22 kg
Shipping Weight	8.7 lbs., 3.95 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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