

## NEODYMIUM SERIES

# KAPPALITE™ 30 15

Recommended for vented professional audio enclosures for full-range or as mids. Also suitable for bass guitar.

- 900 W Program Power
- 15" Nominal Diameter
- 8 Ω

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input 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	15", 381 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	900 W
Nominal Power	450 W
Resonance	45 Hz
Usable Frequency Range	40 Hz – 4 kHz
Sensitivity*	100.8 dB
Magnet Weight	11 oz.
Gap Height	0.365", 9.3 mm
Voice Coil Diameter	3", 76 mm

### MATERIALS OF CONSTRUCTION

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



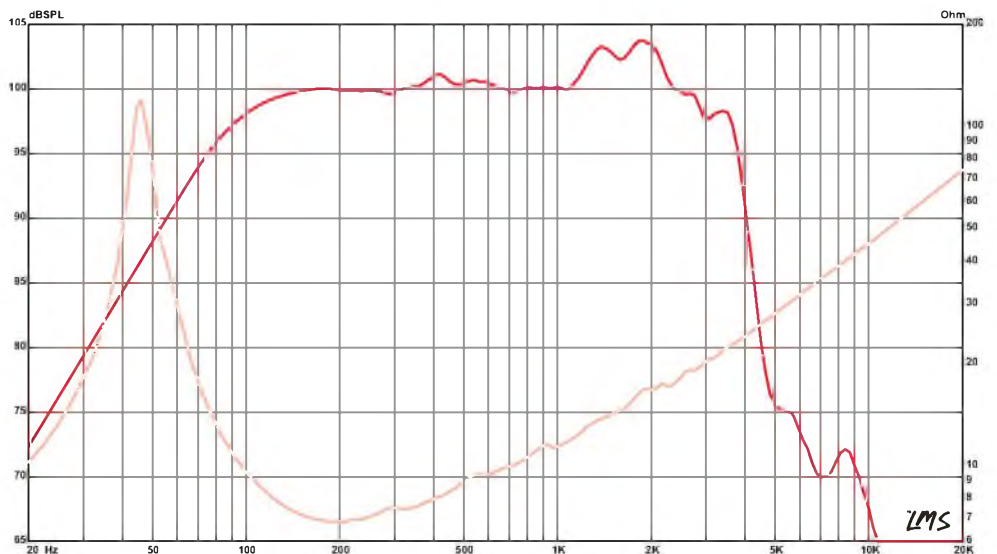
### THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	5.27 Ω
Le	0.64 mH
Qms	6.7
Qes	0.36
Qts	0.34
Vas	5.4 cu.ft., 153 liters
Vd	505 cc
Cms	0.15 mm/N
BL	18.6 T-M
Mms	84 grams
EBP	125
Xmax	5.9 mm
Sd	856 cm <sup>2</sup>
Xlim	11 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	51-144 liters, 1.8-5.1 cu.ft.
Driver Volume Displaced	0.09 cu.ft., 2.54 liters
Overall Diameter	15.32", 389.1 mm
Baffle Hole Diameter	14", 355.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	14.56", 369.8 mm
Depth	6.8", 172.7 mm
Net Weight	7.9 lbs., 3.58 kg
Shipping Weight	10.1 lbs., 4.58 kg

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



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