

## NEODYMIUM SERIES

# KAPPALITE™ 30 10H0

Lightweight high power, high output midrange driver. For use in small sealed and vented enclosures.

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

APPLICATION		ENCLOSURE	
Midrange	<input checked="" type="checkbox"/>	Sealed Box	<input checked="" type="checkbox"/>
Midbass	<input 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	61 Hz
Usable Frequency Range	400 Hz – 4 kHz
Sensitivity*	99.9 dB
Magnet Weight	11 oz.
Gap Height	0.365", 9.3 mm
Voice Coil Diameter	3", 76 mm

### MATERIALS OF CONSTRUCTION

Edge wound aluminum voice coil
Fiberglass former
Neodymium magnet
Vented Core
Die-cast aluminum basket
Treated paper cone
Sealed cloth Edge
Treated Paper dust cap



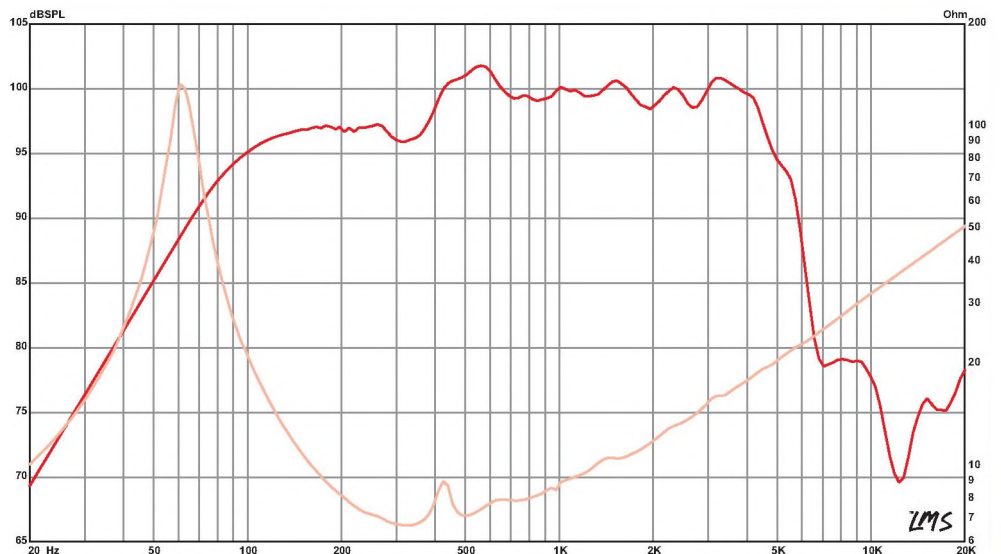
### THIELE & SMALL PARAMETERS

Fs	61 Hz
Re	5.46 Ω
Le	0.57 mH
Qms	9.93
Qes	0.27
Qts	0.26
Vas	1.31 cu.ft., 37.21 liters
Vd	162.2 cc
Cms	0.2 mm/N
BL	16.27 T-M
Mms	34 grams
EBP	227
Xmax	4.43 mm
Sd	366.1 cm <sup>2</sup>
Xlim	7.5 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	9.91–21.24 liters, 0.35–0.75 cu.ft.
	Vented	15.01–28.32 liters, 0.53–1 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.