

NEODYMIUM SERIES

KAPPALITE™ 30 12H0

Recommended as a woofer, midbass or midrange in sealed and vented enclosures. A popular choice for 12" line arrays and bass guitar applications.

- 800 W Program Power
- 12" 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 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	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	800 W
Nominal Power	400 W
Resonance	52 Hz
Usable Frequency Range	51 Hz – 3.5 kHz
Sensitivity*	100.5 dB
Magnet Weight	11 oz.
Gap Height	0.365", 9.3 mm
Voice Coil Diameter	3", 76 mm

THIELE & SMALL PARAMETERS

Fs	52 Hz
Re	5.5 Ω
Le	0.57 mH
Qms	8.39
Qes	0.33
Qts	0.32
Vas	2.86 cu.ft., 81.1 liters
Vd	330 cc
Cms	0.2 mm/N
BL	15.9 T-M
Mms	47 grams
EBP	157
Xmax	6.2 mm
Sd	532.4 cm ²
Xlim	12.5 mm

MOUNTING INFORMATION

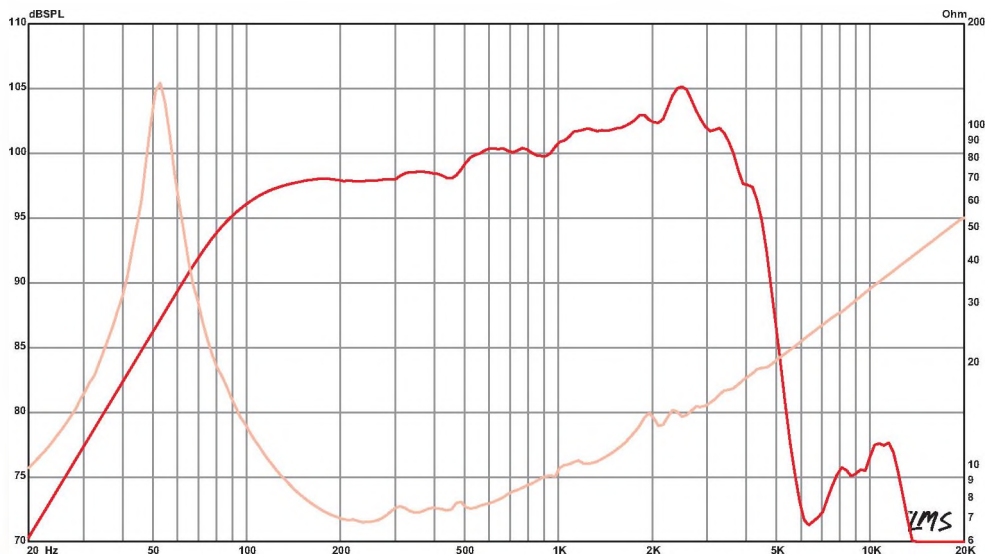
Recommended Enclosure Volume	Sealed	28–76 liters, 1–2.7 cu.ft.
	Vented	41–110 liters, 1.5–3.9 cu.ft.
Driver Volume Displaced		0.054 cu.ft., 1.53 liters
Overall Diameter		12.38", 314.5 mm
Baffle Hole Diameter		11.06", 280.9 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		Yes
Mounting Holes Diameter		0.28", 7.1 mm
Mounting Holes B.C.D.		11.62", 295.2 mm
Depth		5.63", 143 mm
Net Weight		7.1 lbs., 3.22 kg
Shipping Weight		8.7 lbs., 3.95 kg

MATERIALS OF CONSTRUCTION

Aluminum voice coil
Kapton former
Neodymium magnet
Vented core
Die-cast aluminum basket
Treated paper cone
Sealed cloth surround
Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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