

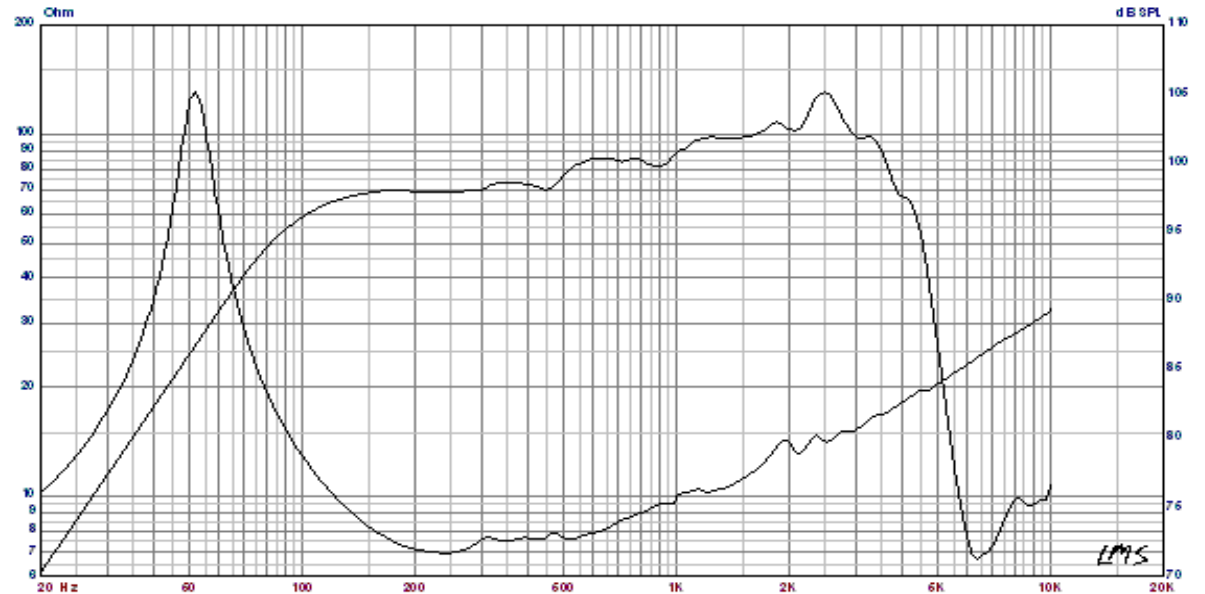


## KappaLite3012HO

High Output/High SPL PA or MI Neo Woofer.

**Coloration:**

**Genre:**



\*Please inquire about alternative impedances.  
 \*\*Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free air, non-temperature controlled environment.  
 \*\*\*The average output across the usable frequency range when applying 1W/1M into the nominal impedance..ie: 2.83V/8ohms, 4V/16ohms.  
 Eminence response curves are measured under the following conditions. All speakers are tested at 1W/1M using a variety of test set-ups for the appropriate  
 impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. Baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

<b>Specification</b>	Nominal Basket Diameter	12.0", 305mm
	Nominal Impedence*	8 ohms
	Power Rating**	400W
	Usable Frequency Range	51Hz-3.5kHz
	Sensitivity***	100.5
	Magnet Weight	11oz
	Gap Height	.37",9.27mm
Voice Coil Diameter	3.0",76.2mm	

<b>Theile &amp; Small Parameters</b>	Resonance (Fs)	51.50Hz
	DC Resistance (Re)	5.5
	Coil Inductance (Le)	.57mH
	Mechanical Q (Qms)	8.39
	Electromagnetic Q (Qes)	.33
	Total Q (Qts)	.32
	Compliance Eqiv Vol (Vas)	81.10 ltr./2.86cuft
	Peak Diaphragm Displacement Vol (Vd)	330.10cc
	Compliance Susp (Cms)	.20mm/N
	BL Product (BL)	15.9 T-M
	Moving Mass inc. Airload (Mms)	46.9 grams
	Efficiency BandWidth Product (EBP)	157.4
	Maximum Linear Excursion (Xmax )	6.2mm
	Active Piston Area (Sd)	532.4cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	12.5mm	

<b>Mounting Information</b>	Recommended Enclosure Volume	
	Sealed	28-76 liters / 1.0-2.7 cuft
	Vented	41-110 liters / 1.5-3.9 cuft
	Overall Diameter(inches)	12.38", 314.45mm
	Major Diameter(inches)	.00", .00mm
	Minor Diameter(inches)	.00", .00mm
	Baf Hole Dia In.	11.06", 280.92mm
	Front Gasket:	Yes fitted as standard
	Rear Gasket:	Yes fitted as standard
	Mount Holes Diameter(inches)	.28", 7.11mm
	Mount Hole BCD (inches)	11.62", 295.15mm
	Depth (inches)	5.63", 143.00mm
	Net Wt Lbs.	7.10 lbs, 3.22 kg
	Ship Wt Lbs.	8.70 lbs, 3.95 kg

<b>Materials</b>	Former Material	Kapton
	Voice Coil	Aluminum
	Magnet Material	Neo
	Special Core Features	Vented
	Vented Motor	Vented core
	Basket Material	Aluminum
	Cone Description	reated Paper / Sealed Cloth Surround
Dust Cap Material	Treated Paper	