4505ND 5” Neodymium Planar Wave Driver

Features:

- Unique Planar Wave Design
- Cost effective, high efficiency Neodymium magnet assembly
- Perfect acoustical coupling of individual units to create virtually continuous line source
- 113 dB sensitivity 1 W / 1 m
- 1 kHz Crossover
- Extended high frequency response up to 20 kHz
- 8 or 16 Ohm

Extending the range of planar wave drivers, BMS introduces the new **4505ND.**

The advanced design of the **4505ND** planar wave driver allows perfect acoustical coupling of individual units to create a virtually continuous line source.

The **4505ND** contains a high energy neodymium magnet system and a unique annular ring diaphragm, providing a frequency response up to 20 kHz.

SPECIFICATIONS	
Throat dimensions	5" x 1" (125.5 x 13.2 mm)
	Rectangular piston
Nominal impedance	8 or 16 Ohm
Power capacity (AES)	80W
Peak power	450W
Sensitivity (CD Horn 90° x 20°)	113 dB
Efficiency	25% (1000 - 3500 Hz)
Max. SPL (continuous)	132 dB at 80W
Frequency range	500 - 20000 Hz
Recommended crossover	1000 Hz
Voice coil diameter	1,75 (44.4 mm)
Magnet material	Neodymium
Flux density	2.2 Tesla
Voice coil material	Cooper Clad Aluminum
	(2 Layers in- and outside of the VC)
Voice coil former	Kapton™
Diaphragm material	Polyester

MOUNTING INFORMATION	
Overall dimensions	132 x 85 x 80 mm
Net weight	1.1 kg
4 x M6 holes on 101.6 x 63.5mm (4" x 2.5")	

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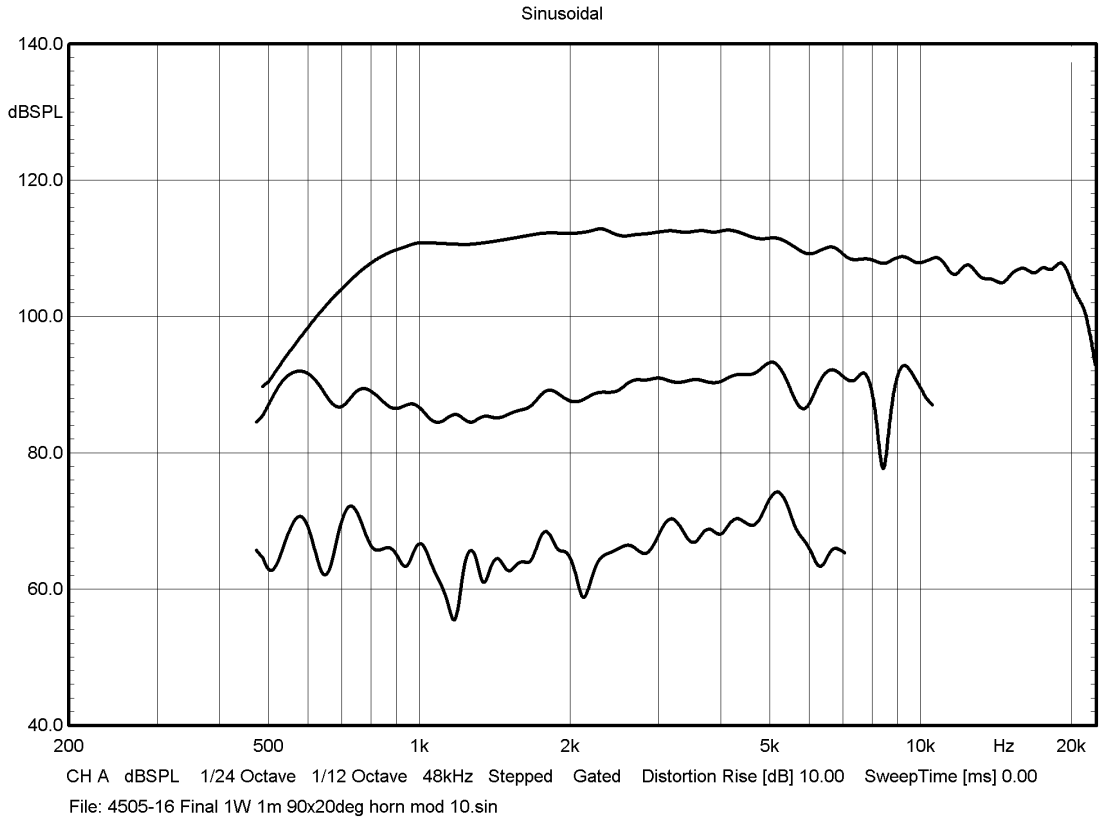
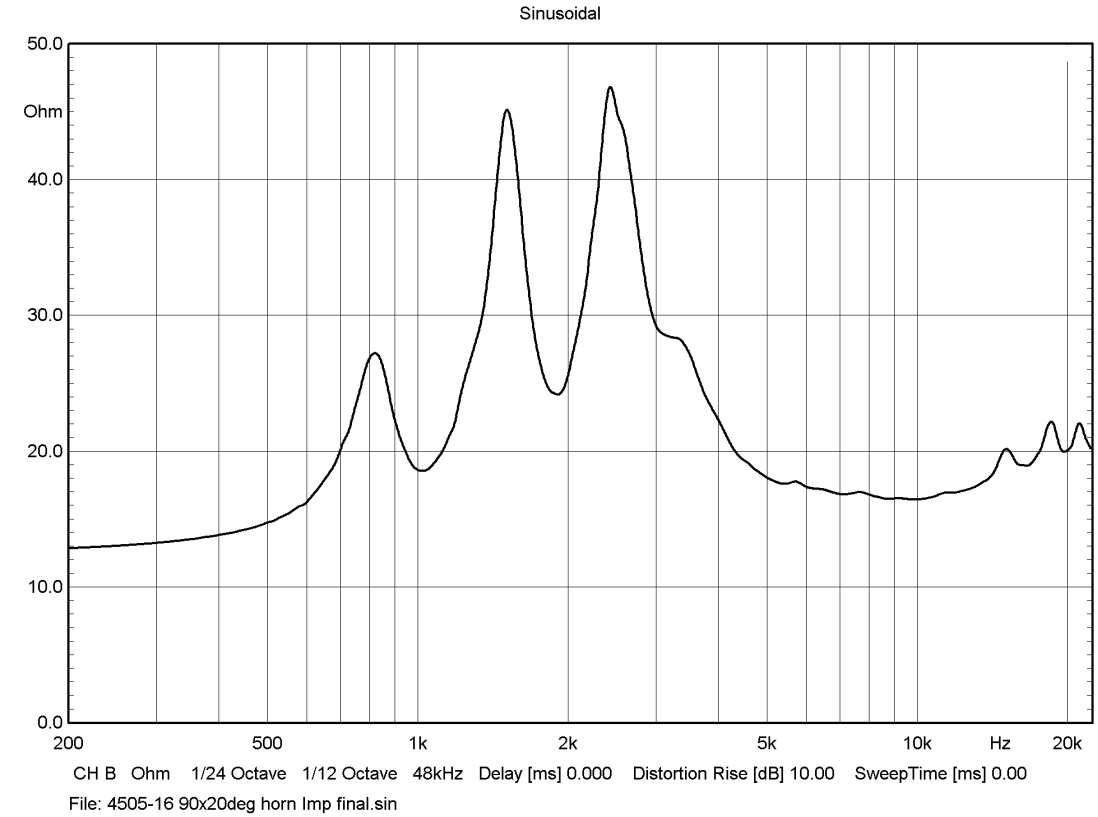
BMS4505ND-16, 90°x20° CD horn, 2nd and 3rd harmonic distortion raised 10 dB, SPL 1 W / 1 m



BMS4505ND-16, 90°x20° CD horn, Impedance



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