

DRIVER ND1411-M

Professional High Frequency Transducer

PART NUMBER 15129019

The ND1411-M is a high performance 1.5-inch diaphragm compression driver with a 1.0 inch exit throat featuring a single piece, low compression, radial phase plug. The diaphragm and suspension are precision formed from .10 mm thick Mylar. The ND1411-M is a very compact size, versatile driver for professional applications. Compact 2-way systems, multiple-way medium throw systems, compact and medium size high quality line arrays. Unique driver in the market offering high power handling in 70 mm diameter. Very good linearity in combination with RCF HF94, HF64, HF101 horns.

Features

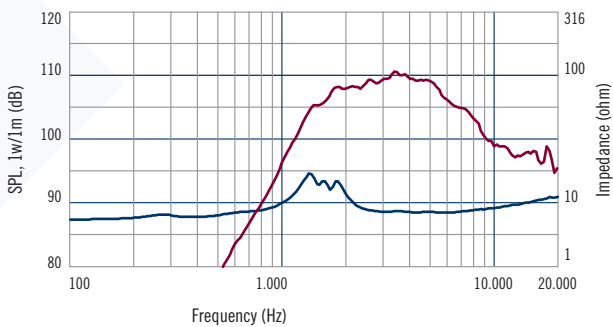
- 1.5-inch Diaphragm, 1.0-inch Exit Throat
- 50 watt Continuous program power handling
- Frequency range: 1500Hz - 20kHz
- Optimized geometry radial phase plug
- Very compact size for array applications

General Specifications

Exit Throat Diameter	25.4	mm/inch
Rated Impedance	8	ohm
Power handling capacity ¹		
continuous program above 1.2 kHz	50	Watt
AES above 1.7 kHz	25	Watt
Sensitivity 1 W, 1 M, on axis, on horn ²	109	dB
Frequency Range	1500 - 20000	Hz
Diaphragm Material	Mylar	
Suspension Material	Mylar	
Suspension Design	Radial	
Minimum Impedance	7.0 ohm at 6000 Hz	
Voice Coil Diameter	35.5/1.5	mm/inch
Voice Coil Material	Edgewound Aluminium	
Voice Coil Former Design	Straight - Nomex	
Number of layers	1 - Outside	
BL Factor	4.4	T · m
Flux Density	1.75	T
Phase Plug Design	10 radial slots	
Phase Plug Material	Composite	
Magnetics	Neodymium	
Voice Coil Demodulation		

Mounting Information

Overall Diameter	69/2.7	mm/inch
Overall Height	51/2.0	mm/inch
Mounting		
4 x 5 mm holes at 90 deg.	76.2/3.0	mm/inch
Net Weight	0.8/1.8	kg/Lbs
Shipping Weight	1.0/2.2	kg/Lbs



Frequency response and electrical impedance curve of the compression driver mounted on HF101 horn with input signal of 2.83 Volt.

1500

20.000