HORN DRIVER
ND1411-H

Professional High Frequency Transducer

The new ND1411-H is a compact 1.5-inch diaphragm neodymium compression driver directly coupled with a 90° x 70° constant directivity high frequency horn. The ND1411-H is a very light and versatile driver for professional applications such as compact two-way systems or multiple-way medium throw systems.

PART NUMBER **15129032**

Features

- 1.5-inch Diaphragm
- 50 watt Continuous program power handling
- Frequency range: 1500Hz - 20kHz
- Optimized geometry radial phase plug
- 90° x 70° Constant Directivity Coverage
- Neodymium magnet assembly
- Perfectly Controlled Dispertion

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.

Notes to Specifications

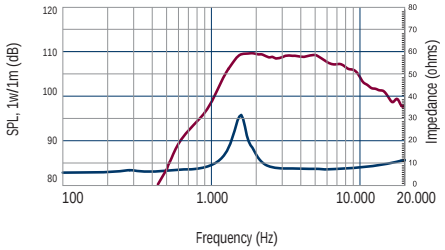
1. Continuos pink noise power ratings are derived from suggested AES standards sending a pink noise signal having a 6 dB crest factor with a high pass filter set at the specified lower limiting frequency for two hours. Continuos program power is a conservative power rating for reproduction of typical audio program material.
2. Sensitivity measurement is based on pink noise signal with input power of 1 watt and measured at 1 meter from the mouth of a horn with a Q of 15 on axis and averaged between 2 and 5 kHz.
3. Frequency range is defined as the measured frequency response -10dB relative to the rated sensitivity.

General Specifications

Nominal Coverage (-6dB)	90°x70°	
Rated Impedance	8	ohm
Power handling capacity[1]		
continuous program above 1.7 kHz	50	Watt
AES above 1.7 kHz	25	Watt
Sensitivity 1 W, 1 M, on axis, on horn[2]	109	dB
Frequency Range[3]	1500 - 20000	Hz
Diaphragm Material	Mylar	
Minimum Impedance	7.0 ohm at 6000 Hz	
Voice Coil Diameter	35.5/1.5	mm/inch
BL Factor	4.4	T · m
Magnetics	Neodymium	
Horn material	Structural polyuretane	

Mounting Information

Overall Diameter	180x180	mm
Baffle Cut-out Dimensions	146x146	mm
Total Depth	1550.8/1.8	mm
Net Weight	1	kg
Shipping Weight	1.3	kg



Frequency response curve of the horn measured on axis at distance of 1 meter with1 watt signal, in an anechoic environment, with ND1411-M compression driver.