

# HORN DRIVER ND350-H

Professional High Frequency Transducer

The new ND350-H is a compact 1.75-inch diaphragm neodymium compression driver directly coupled with a 90° x 40° constant directivity high frequency horn. This new transducer is very light weight for professional applications such as: compact two-way systems or multiple way systems. Flexible and easy to crossover, it offers high efficiency combined to a very high frequency extension.

PART NUMBER **15129031**

## Features

- 1.75-inch Diaphragm
- 100 watt Continuous program power handling
- Frequency range: 1200Hz - 20kHz
- 2-slot, optimised geometry phase plug
- Light structure
- 90° x 40° Constant Directivity Coverage
- Perfectly Controlled Dispersion
- Compact neodymium magnet assembly

## Applications

The ND350-H is a very light high frequency transducer for professional application. Compact 2-way systems, multiple-way systems. Flexible and easy to crossover, offer high efficiency combined to a very high frequency extension.

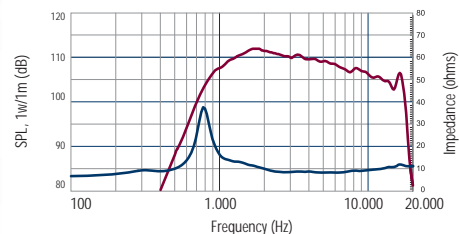


## General Specifications

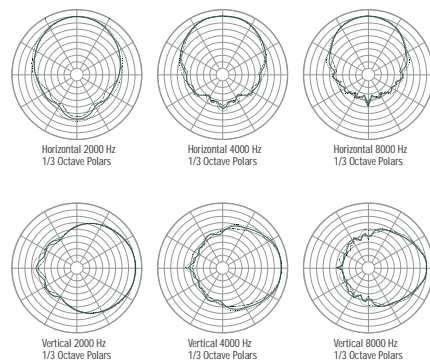
Nominal Coverage (-6dB)	90° x 40°	
Rated Impedance	8	ohm
Power handling capacity <sup>1</sup>		
continuous program above 1.5 kHz	100	Watt
AES above 1.5 kHz	50	Watt
Sensitivity 1 W, 1 M, on axis, on horn <sup>2</sup>	109	dB
Frequency Range <sup>3</sup>	1200 - 20000	Hz
Diaphragm Material	Polyester	
Minimum Impedance	6,5 ohm at 4500 Hz	
Voice Coil Diameter	44.4/1.75	mm/inch
BL Factor	7.5	T · m
Magnetics	Neodymium	
Horn Material	Structural Polyuretane	

## Mounting Information

Overall Diameter	245x245	mm
Baffle Cut-out Dimensions	200x200	mm
Total Depth	185	mm
Net Weight	1,6	kg/Lbs
Shipping Weight	2,1	kg/Lbs



Frequency response and electrical impedance curve of the compression driver mounted on HF94 horn with input signal of 2.83 Volt.



## Notes to Specifications

1. Continuous 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. Continuous 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.

