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 effi ciency 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

General Specifications

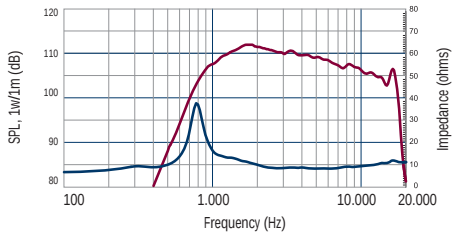
Nominal Coverage (-6dB)	90° x 40°	
Rated Impedance	8	ohm
Power handling capacity[1]		
continuous program above 1.5 kHz	100	Watt
AES above 1.5 kHz	50	Watt
Sensitivity 1 W, 1 M, on axis, on horn[2]	109	dB
Frequency Range[3]	1200 - 20000	Hz
Diaphragm Material	Polyester	
Minimum Impedance	6,5 ohm at 4500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

Mounting Information

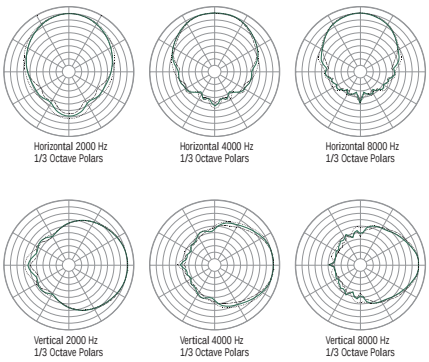
Overall Diameter	245x245	mm
Baffle Cut-out Dimensions	200x200	mm
Total Depth	185	mm
Net Weight	1,6	kg/Lbs
Shipping Weight	2,1	kg/Lbs

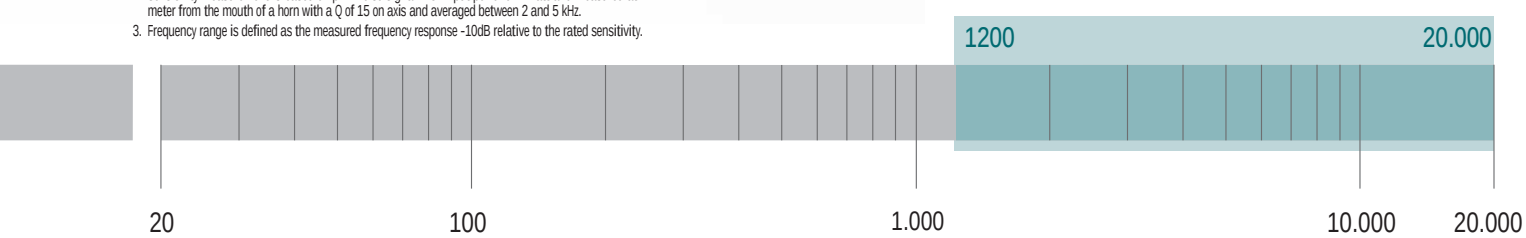
Applications

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.



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. 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.