

# DRIVER N350

Professional High Frequency Transducer

PART NUMBER **15120056**

The N350 features 1.75-inch diaphragm with a 1.0 inch exit throat. The diaphragm and suspension are precision formed from .125 mm thick Mylar design. The voice coil assembly is designed using high temperature Kapton former, rectangular profile copper clad aluminum wire and assembled using advanced, specially formulated adhesives. The N350 is a compact size compression driver for professional applications. Compact 2-way systems, multiple-way systems, compact arrays. Flexible and easy to crossover, offer high efficiency combined to a very high frequency extension. Very good in combination with RCF H100, HF101 horns.

## Features

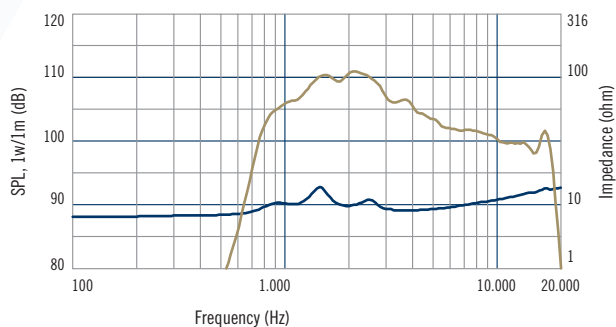
- 1.75-inch Diaphragm, 1.0-inch Exit Throat
- 80 watt Continuous program power handling
- Frequency range: 1500Hz - 20kHz
- 2-slot, optimized geometry phase plug
- Aluminum rear cover
- Vented suspension system

## General Specifications

Exit Throat Diameter	25.4/1	mm/inch
Rated Impedance	8	ohm
Power handling capacity <sup>1</sup>		
continuous program above 1.2 kHz	80	Watt
AES above 1.5 kHz	40	Watt
Sensitivity 1 W, 1 M, on axis, on horn <sup>2</sup>	107	dB
Frequency Range	1500 - 20000	Hz
Diaphragm Material	Mylar	
Suspension Material	Mylar	
Suspension Design	Radial	
Minimum Impedance	8.3 ohm at 3500 Hz	
Voice Coil Diameter	44.4/1.75	mm/inch
Voice Coil Material	Edgewound Aluminium	
Voice Coil Former Design	Straight -Kapton	
Number of layers	1 - Outside	
BL Factor	5.9	T · m
Flux Density	1.4	T
Phase Plug Design	2 slot	
Phase Plug Material	Composite	
Magnetics	Ceramic	
Voice Coil Demodulation	-	

## Mounting Information

Overall Diameter	102/4.0	mm/inch
Overall Height	60/2.4	mm/inch
Mounting		mm/inch
2 x 6 mm threaded holes at 180 deg.	76.2/3.0	mm/inch
Net Weight	1.4/3.1	kg/Lbs
Shipping Weight	1.7/3.7	kg/Lbs



Frequency response and electrical impedance curve of the compression driver mounted on H100 horn with input signal of 2.83 Volt.

1500

20.000