

DRIVER N450

Professional High Frequency Transducer

The N450 features 1.75-inch diaphragm with a 1.0 inch exit throat. The diaphragm is precision formed from .05 mm thick pure titanium. The suspension is based on a vented Mylar design. The N450 is a versatile driver for professional applications. Compact 2-way systems, multiple-way medium throw systems. Flexible and easy to crossover, offer precision and definition combined to a very good power handling for the size. Very good in combination with RCF H100, HF101 horns.

PART NUMBER **15120057**

Features

- 1.75-inch Diaphragm, 1.0-inch Exit Throat Titanium Compression Driver
- 100 watt Continuous program power handling
- Frequency range: 1000Hz - 20kHz
- 2-slot, optimized geometry phase plug
- Aluminum rear cover
- Copper inductance ring for extended response
- Vented suspension system

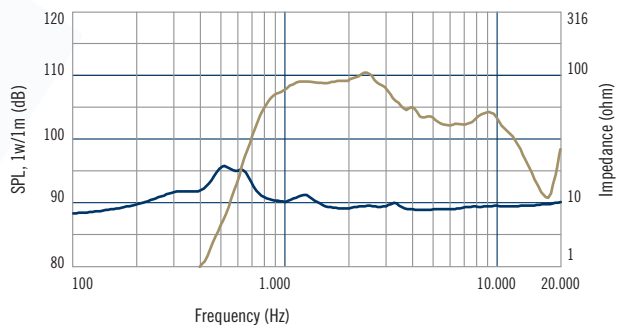


General Specifications

Exit Throat Diameter	25.4/1	mm/inch
Rated Impedance	8	ohm
Power handling capacity ¹		
continuous program above 1.2 kHz	100	Watt
AES above 1.5 kHz	50	Watt
Sensitivity 1 W, 1 M, on axis, on horn ²	107	dB
Frequency Range	1000 - 20000	Hz
Diaphragm Material	Pure Titanium	
Suspension Material	Mylar	
Suspension Design	Radial	
Minimum Impedance	8.0 ohm at 4000 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	6.7	T · m
Flux Density	1.6	T
Phase Plug Design	2 slot	
Phase Plug Material	Composite	
Magnetics	Ceramic	
Voice Coil Demodulation	Copper ring	

Mounting Information

Overall Diameter	134/5.3	mm/inch
Overall Height	70/2.8	mm/inch
2 x 6 mm threaded holes at 180 deg.	76.0/3.0	mm/inch
3 x 6 mm threaded holes at 120 deg.	58.0/2.3	mm/inch
Net Weight	2.8/6.2	kg/Lbs
Shipping Weight	3.1/6.8	kg/Lbs



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

