

ND2080

High Frequency Neodymium Driver



Key Features

- 110 dB SPL 1W / 1m average sensitivity
- 2 inch exit
- 3 inch voice coil diameter
- 160 W continuous program
- Pure Titanium diaphragm assembly
- Excellent thermal exchange
- Neodymium ring magnetic structure

GENERAL SPECIFICATIONS

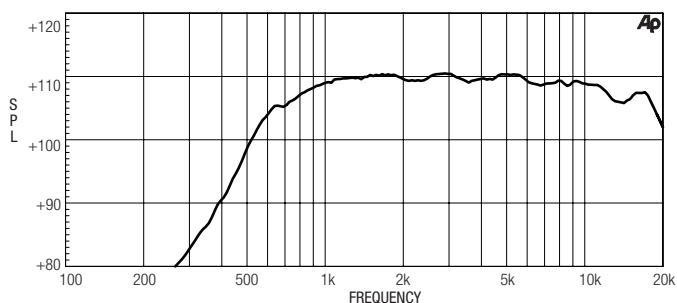
THROAT DIAMETER	50 mm	(2 in)
RATED IMPEDANCE	8 ohms	
D.C. RESISTANCE	6,2 ohms	
MINIMUM IMPEDANCE	8 ohms at 3500 Hz	
POWER HANDLING	(800 ÷ 20000 Hz)	
CONTINUOUS PINK NOISE (1)	80 W above 1,2 kHz	
CONTINUOUS PROGRAM (2)	160 W above 1,2 kHz	
SENSITIVITY (1W / 1m) (3)	110 dB	
FREQUENCY RANGE	500 Hz ÷ 20 kHz	
RECOMM. CROSS. FREQUENCY	800Hz	12 dB/octave
DIAPHRAGM MATERIAL	Titanium	
VOICE COIL DIAMETER	74,6 mm	(3 in)
MAGNET MATERIAL	Neodymium	
FLUX DENSITY	2,2 T	
OVERALL DIAMETER	130 mm	(5,1 in)
TOTAL DEPTH	98 mm	(3,86 in)
NET WEIGHT	3,6 kg	(7,9 lb)

(1) Continuous pink noise power rating is tested with a pink noise input having a 6 dB crest factor for two hours duration within the specified range. Power calculated on minimum impedance.

(2) Program Power is defined as 3 dB greater than continuous pink noise but with 50% duty cycle.

(3) Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of a 2 inch horn averaged between 1kHz and 4 kHz.

ND 2080 MEASURED WITH 1W INPUT ON
RATED IMPEDANCE AT 1M DISTANCE
FROM THE MOUTH OF A
2 INCH 40° X 20° HORN



FREE AIR IMPEDANCE MAGNITUDE CURVE

