ND1080

High Frequency Neodymium Driver

Key Features

109 dB SPL 1W / 1m average sensitivity

1 inch exit

44 mm (1 3/4 inch) voice coil diameter

100 Watt continuous program

Excellent thermal exchange

Pure Titanium dome

Patent pending phase plug

Neodymium ring magnetic structure

Ideal for 3 way systems

GENERAL SPECIFICATIONS

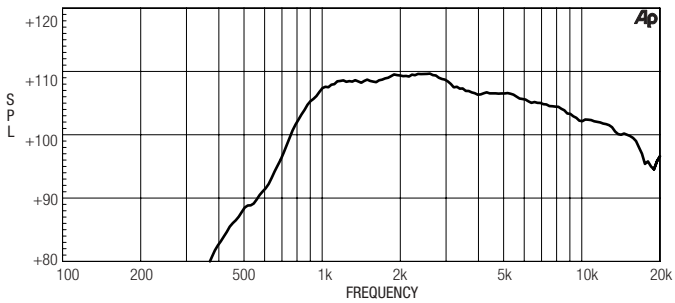
THROAT DIAMETER	25,4 mm	(1 in)
RATED IMPEDANCE	8 Ohm	
DC RESISTANCE	6,2 Ohm	
MINIMUM IMPEDANCE	8 Ohm at 4000Hz	
POWER HANDLING		
CONTINUOUS PINK NOISE *(1)*	50W above 2 kHz	
CONTINUOUS PROGRAM *(2)*	100W above 2 kHz	
SENSITIVITY (1W@1m) *(3)*	109 dB	
FREQUENCY RANGE	2000Hz ÷ 20kHz	
RECOMM. XOVER FREQUENCY	2000Hz (12dB/oct slope)	
DIAPHRAGM MATERIAL	Pure Titanium dome	
VOICE COIL DIAMETER	44,4mm	(1 3/4 in)
MAGNET MATERIAL	Neodymium	
FLUX DENSITY	2 T	
OVERALL DIAMETER	92 mm	(3,6 in)
TOTAL DEPTH	53 mm	(2,1 in)
NET WEIGHT	1,2 kg	(2,6 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.

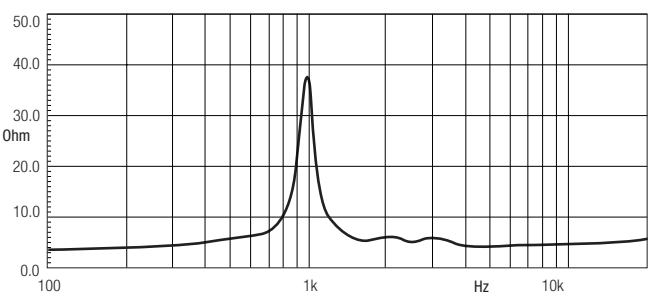
(2) Program Power is defined as 3 dB greater than continuous pink noise but with 50% duty cycle.

(3) Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of XT1086 averaged between 1kHz and 4 kHz.

ND1080 MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1M DISTANCE ON XT1086 HORN MOUTH AXIS



FREE AIR IMPEDANCE MAGNITUDE CURVE



NEODYMIUM HF DRIVERS