ND1050

HF Neodymium Transducer

110 dB SPL 1W / 1m average sensitivity
1 inch exit throat
44mm (1 3/4 inch) voice coil diameter
100 Watt program power handling
Neodymium magnet structure
Titanium dome over PEN suspension
Ultra compact size - 75mm external diameter
Proprietary phase plug design
Ideal for multiple HF line arrays

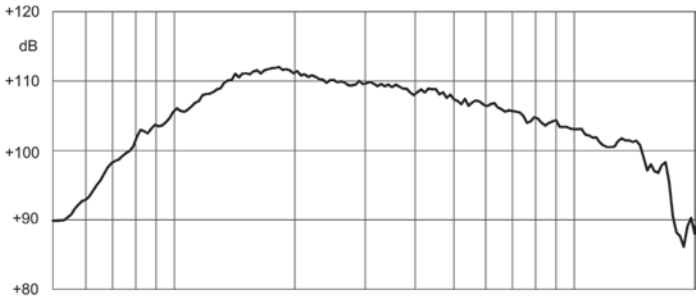
GENERAL SPECIFICATIONS

Throat Diameter	25,4 mm (1 in)
Rated Impedance	8 Ohm
DC Resistance	5,3 Ohm
Minimum Impedance	6,9 Ohm at 2000Hz
Le (at 1kHz)	67 μH
AES Power (1)	50 W above 1,6 kHz
Program Power (2)	100 W above 1,6 kHz
Sensitivity (3)	110 dB
Frequency Range	1600Hz - 20kHz
Recomm. Xover Frequency	1600Hz (12dB/oct slope)
Diaphragm Material	Titanium - PEN
Voice Coil Diameter	44,4 mm (1 3/4 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Neodymium

MOUNTING INFORMATION

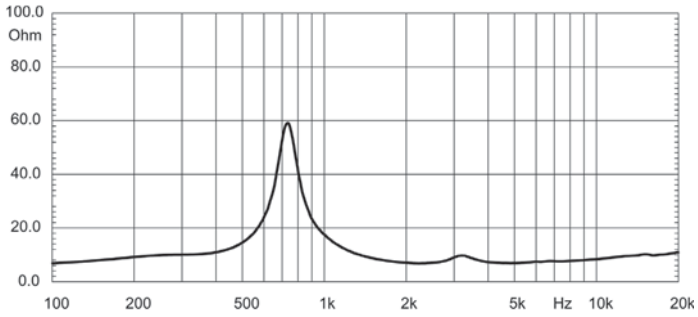
Overall diameter	75 mm (3 in)
N. of mounting holes and bolt	3 M5 holes 120°
Bolt circle diameter	57 mm (2.2 in)
Total depth	41 mm (1.6 in)
Net weight	0,65 kg (1.45 lb)
Shipping weight	0,8 Kg (1,75 lb)
CardBoard Packaging dimensions	97x97x58 mm (3,8x3,8x2,3 in)

FREQUENCY RESPONSE CURVE



ND1050 MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1M DISTANCE ON XT1086 HORN MOUTH AXIS.

FREE AIR IMPEDANCE MAGNITUDE CURVE



NOTES

1) AES 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 rating is defined as 3 dB greater than AES rating, and is a conservative expression of the transducer ability to handle music program material.
3) Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of XT1086 horn averaged between 1kHz and 4kHz.