

NSD1424BTN

HF Neodymium Driver

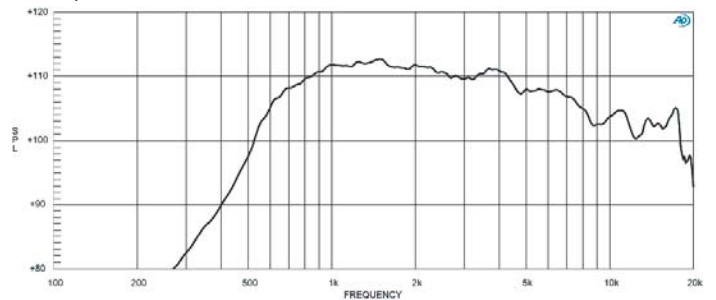
110 dB 1W / 1m average sensitivity
 140 W program power handling
 1,4 inches exit throat
 64mm (2,4 in) edgewound aluminum voice coil
 True Piston Motion TiN coated titanium diaphragm
 Proprietary phase plug design
 High grade neodymium magnetic structure
 Excellent thermal exchange



GENERAL SPECIFICATIONS

Throat Diameter	35,5 mm (1,4 in)
Rated Impedance	8 Ohm
DC Resistance	6 Ohm
Minimum Impedance	8 Ohm at 3000 Hz
AES Power (1)	70 W above 1,2 kHz
Program Power (2)	140 W above 1,2 kHz
Sensitivity (3)	110 dB
Frequency Range	800 Hz - 20 kHz
Recomm. Xover Frequency	above 1200 Hz (12 dB/octave)
Diaphragm Material	TiN coated Titanium
Voice Coil Diameter	60 mm (2,4 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Neodymium
Flux Density	1,9 T

FREQUENCY RESPONSE CURVE

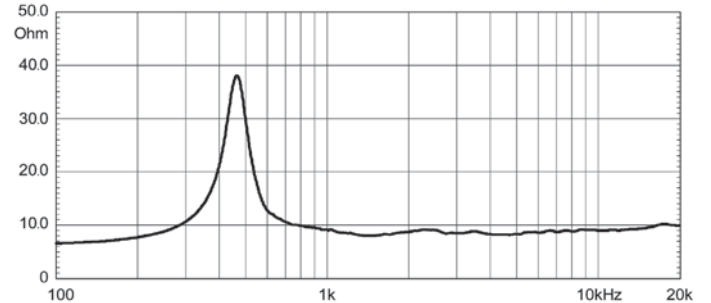


NSD1424BTN MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1 M DISTANCE ON AXIS FROM THE MOUTH OF XT1464 HORN

MOUNTING INFORMATION

Overall diameter	116,6 mm (4,59 in)
N. of mounting holes and bolt	4 M6 holes 90° at Ø102 mm (4 in)
Bolt circle diameter	102mm (4 in)
Total depth	54,5 mm (2,15 in)
Net weight	1,7 Kg (3,70 lb)
Shipping weight	1,9 Kg (4,20 lb)
CardBoard Packaging dimensions	132x132x68 mm (5,2x5,2x2,7 in)

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 1 m on axis from the mouth of XT1464 horn, averaged between 1 kHz and 4 kHz.