ND4015BE

HF Neodymium Driver

113 dB 1W / 1m average sensitivity
1,5 inch exit throat
4 inch edgewound aluminium voice coil
280W max. program power handling
4 inch pure Beryllium dome - polymer surround diaphragm
Copper plated pole piece reduces inductance modulation distortion and increases HF output
Ultra high precision diaphragm centering system for improved performances and lifespan
BEM optimized 4 slot phaseplug design
Extreme sound clarity even at very high SPL

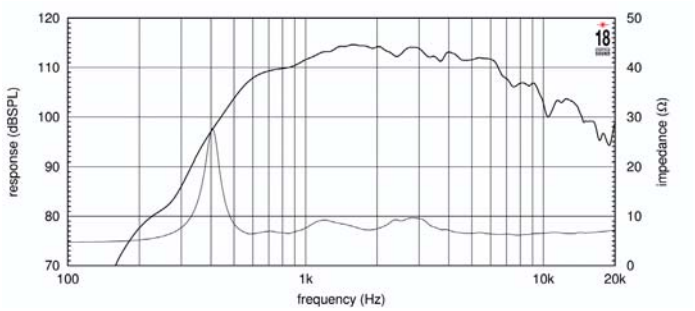
GENERAL SPECIFICATIONS

Throat Diameter	39 mm (1,5 in)
Rated Impedance	8 Ohm
DC Resistance	4,2 Ohm
Minimum Impedance	6,4 Ohm
Le (at 1kHz)	N/A
Sensitivity (3)	113 dB
Frequency Range	900 Hz - 20 kHz
Diaphragm Material	Pure beryllium dome on polymer surround
Voice Coil Diameter	100 mm (4 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Neodymium
Flux Density	2 T
BL Factor	13,4 Tm
Polarity	Positive voltage on red terminal gives positive pressure in the throat

MOUNTING INFORMATION

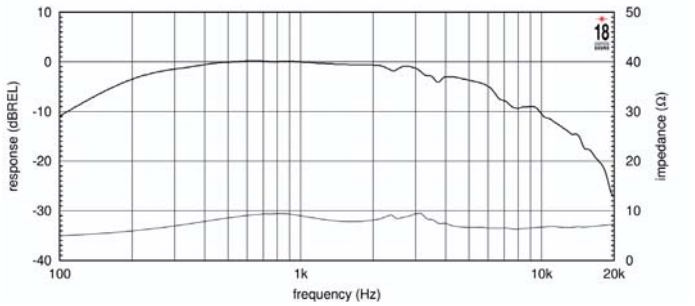
Overall diameter	150 mm (6 in)
N. of mounting holes and bolt	4 M6 holes 90° at Ø102 mm (4 in)
Bolt circle diameter	102 - 114,7 mm(4 - 4.52 in)
Total depth	57 mm (2,2 in)
Net weight	3.2 Kg (7 lb)
Shipping weight	3.7 Kg (8.14 lb)
CardBoard Packaging dimensions	170 x 170 x 80 mm (6,69 x 6,69 x 3,15 in)

FREQUENCY RESPONSE CURVE



FREQUENCY RESPONSE MEASURED WITH 2.83V AT 1MT DISTANCE ON CENTRAL FORWARD AXIS FROM THE MOUTH OF XR1564 HORN. THIN LINE REPRESENTS IMPEDANCE MEASURED IN SAME CONDITIONS.

FREE AIR IMPEDANCE MAGNITUDE CURVE



FREQUENCY RESPONSE MEASURED WITH 1W INPUT ON RATED IMPEDANCE ON CENTRAL FORWARD AXIS IN A PLANE WAVE TUBE. THIN LINE REPRESENTS IMPEDANCE MEASURED IN SAME CONDITIONS.

NOTES

1) Continuous Power is defined as 3 dB greater than the one measured with the new AES2-2012 standard, using continous pink noise having 12 dB crest factor for 2 hours, mounted on XR1564 horn, from 1.2kHz to 12kHz.
2) Max. program power rating is defined as 3 dB greater than continuous power rating and is a conservative expression of the transducer ability to handle music program material
3) Sensitivity represent the averaged value of acoustic ouput as measured at 1 mt distance on axis from the mouth of XR1564 horn, when connected to 2,83V sine wave swept betwwen 1000 and 4000 Hz.