NDi3809

☀ *1.5inch* ☀ *50 Watts*
☀ *110dB* ☀ *1.2k ~ 20k Hz*

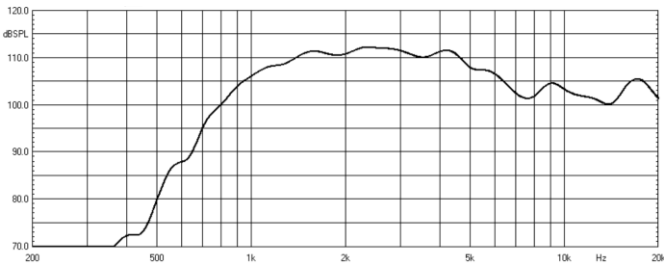
KEY FEATURES:

① 1" exit throat
② 100 W continuous program power handling
③ 110 dB sensitivity 1w/1m
④ 1.2k ~19kHz frequency range
⑤ Polyester diaphragm
⑥ 38mm(1.5") copper clad aluminum voice coil
⑦ Neodymium magnet structure

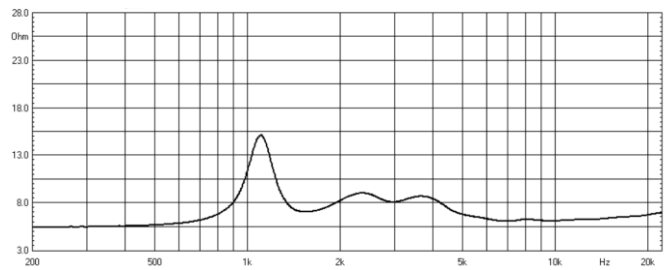
GENERAL SPECIFICATIONS[1]	
Throat Diameter	25.4mm /1inch
Rated Impedance	8 ohm
Power handling(1k~18kHz)	
Nominal[2]	50 Watts
Continuous Porgram[3]	100 Watts
Sensitivity[4]	
(1w/1m, on axis, on horn)	110 dB
Frequency Range	1200~20k Hz
Minimum Lmpedance(Zmin)	6 ohm
Voice Coil Diameter	38mm /1.5inch
Voice Coil Material	CCAW
Voice Coil Former	Kapton
Phase Plug Material	Aluminum
Diaphragm Material	Polyester
Flux Density	2.1 T
Magnet Material	Neodymium

MOUNTING INFORMATION	
Overall Diameter	70 mm
Overall Depth	50 mm
Net Weight	0.5 kg
Screw (35mm / 1.38inch diameter)	

Frequency response curve measured in an anechoic chamber, the driver is mounted to an 80°x50° exponential horn.



Impedance magnitude curve measured in free air



NOTES:

1. 2 hours test made with continuous pink noise signal(6dB creast factor) within the specified range.
2. Continuous Program Power is defined as 3dB greater than the nominal power Handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of a horn and averaged within the specified range.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated. Sensitivity.