## **NERO-150BN450D**

15" - Open Baffle Subwoofer - 900W - 91dB

- Long stroke design
- Designed for open baffle applications
- Minimum damping fiber glass voice coil former
- 4" CCAW voice coil using APC coating technology
- Open Yoke Vent (OYV) for ultra low compression and noise
- Large flared and vented pole piece for reduced compression
- Extended copper sleeve for low inductance and intermodulation distortion
- Proprietary cone paper material made in-house doped with fiberglass and graphene



Overall Diameter	394 mm (15.5 in)
Bolt Circle Diameter	378 mm (14.9 in)
Baffle Cutout Diameter	363.4 mm (14.3 in)
Mounting Depth	184.5 mm (7.26 in)
Flange and Gasket Thickness	ss 16.9 mm (0.66 in)
Net Weight	7.3 Kg (16 lb)
Shipping Box	455 x 455 x 258 mm
	(17.9 x 17.9 x 10.16 in)
Gross Weight	8.3 Kg (18.3 lb)

## **NOTES:**

- (1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the Fo to 10Fo power calculated on rated minimum impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power
- (3) Measured average within the frequency range (50Hz 1kHz)
- (4) Xmax= ((Winding depth magnetic gap depth)/2) +(magnetic gap depth/3)
- (5) Maximum excursion (p-p) before permanent damage
- (6) T/S parameters measured on drive units that are broken in

## Specs:

Nominal Impedance	8 Ohm
Minimum Impedance	5.8 Ohm
AES Power Handling (1)	450 W
Maximum Power Handling (2	900 W
Sensitivity (2.83V/1m) (3)	91 dB
Frequency Range	25 - 3800 Hz
Voice Coil Diameter	99.2 mm (4 in)
Winding Material	ESVCAW
Former Material	FIBSV
Winding Depth	35.2 mm
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	0.64 T
Magnet	Neodymium
Basket Material	Aluminium die cast
Demodulation	Extended copper cap
Cone Surround	Cloth triple roll
NET Air Volume filled by driv	ver 8.2 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

## **Thiele Small Parameters**

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Fs	25 Hz
Re	5.3 Ohm
Qes	0.91
Qms	6.37
Qts	0.80
Vas	319 liters
Sd	865.7 cm <sup>2</sup>
Xmax (4)	16 mm
Xdamage (5)	48 mm
Mms	130 g
BI	11 Tm
Le	0.80 mH
Cms	0.3 mm/N
Rms	3.27 Kg/s
Eta Zero	0.55 %
EBP	27





