

NERO-6MRN150D

6" - Midrange - Neo - 150W - 98dB

AUDIENCE

- Proprietary cone paper material with graphite
- Flat foam surround for best midrange reproduction
- High grade neodymium magnet
- Shorting ring in motor system for reduced distortion
- CCAW voice coil for reduced moving mass
- Minimum damping fiber glass voice coil former
- Cast aluminium chassis



Dimensions & Weight

Overall Diameter	162.7 mm (6.40 in)
Bolt Circle Diameter	168.5 mm (6.63 in)
Baffle Cutout Diameter	147.5 mm (5.8 in)
Mounting Depth	73.0 mm (2.87 in)
Flange and Gasket Thickness	7.5 mm (0.29 in)
Net Weight	1.6 Kg (3.52 lb)
Shipping Box	194 x 194 x 112 mm (7.63 x 7.63 x 4.40 in)
Gross Weight	1.9 Kg (4.18 lb)

Replacement Diaphragm

N/A

NOTES :

- (1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the F_0 to $10F_0$ power calculated on rated nominal impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) $X_{max} = ((\text{Winding depth} - \text{magnetic gap depth})/2) + (\text{magnetic gap depth}/3)$
- (4) Maximum excursion (p-p) before permanent damage
- (5) T/S parameters measured on drive units that are broken in

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.6 Ohm
AES Power Handling (1)	150 W
Maximum Power Handling (2)	300 W
Sensitivity (1W/1m)	98 dB
Frequency Range	200 - 10600 Hz
Voice Coil Diameter	49.5 mm (2 in)
Winding Material	Copper clad aluminium
Former Material	Till
Winding Depth	8.85 mm
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.74 T
Magnet	Neodymium
Basket Material	Aluminium die cast
Demodulation	Aluminium shorting ring
Cone Surround	Flat foam
NET Air Volume filled by driver	0.44 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

Thiele Small Parameters

F_s	200 Hz
R_e	5.6 Ohm
Q_{es}	0.58
Q_{ms}	2.96
Q_{ts}	0.48
V_{as}	1.1 liters
S_d	136.8 cm ²
X_{max} (3)	3.43 mm
X_{damage} (4)	8 mm
M_{ms}	13.8 g
B_l	13.1 Tm
L_e	0.28 mH
C_{ms}	0.04 mm/N
R_{ms}	6 Kg/s
η_{Zero}	1.66 %
EBP	345

