NERO-12MWN400D

12″ - Midwoofer - 400W - 98dB

SB AUDIENCE

- Proprietary cone paper material with manila pulp
- Strong neodymium motor
- 3" voice coil with APC (Advanced Polymer Coating)
- Interleaved Sandwich Voice coil technology
- Cast aluminium chassis
- Minimum damping fiber glass voice coil former
- Copper sleeve for low inductance and reduced distortion

Dimensions & Weight

Overall Diameter	322.5 mm (12.6 in)
Bolt Circle Diameter	306.5 mm (12.06 in)
Baffle Cutout Diameter	287 mm (11.29 in)
Mounting Depth	133.3 mm (5.24 in)
Flange and Gasket Thickness	11.9 mm (0.47 in)
Net Weight	4.15 Kg (9.15 lb)
Shipping Box	354 x 354 x 182 mm (13.93 x 13.93 x 7.16 in)
Gross Weight	5.24 Kg (11.55 lb)

Replacement Diaphragm

N/A

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 nominal impedance. Loudspeaker in free air
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Xmax= ((Winding depth - magnetic gap depth)/2) +(magnetic gap depth/3)
(4) Maximum excursion (p-p) before permanent damage
(5) T/S parameters measured on drive units that are broken in using Klippel LPM Measurement System.

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.3 Ohm
AES Power Handling (1)	400 W
Maximum Power Handling (2)	800 W
Sensitivity (1W/1m)	98 dB
Frequency Range	66 - 6100 Hz
Voice Coil Diameter	75.6 mm (3 in), Interleaved sandwich
Winding Material	Copper
Former Material	Till
Winding Depth	17.6 mm
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	1.07 T
Magnet	Neodymium
Basket Material	Aluminium die cast
Demodulation	Extendend copper cap
Cone Surround	Triple roll with damping glue
NET Air Volume filled by driver	2.15 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

Thiele Small Parameters

Fs	66 Hz
Re	5.4 Ohm
Qes	0.55
Qms	8.98
Qts	0.52
Vas	31.1 liters
Sd	543.3 cm²
Xmax (3)	7.13 mm
Xdamage (4)	16 mm
Mms	78.8 g
Bl	17.8 Tm
Le	0.19 mH
Cms	0.07 mm/N
Rms	3.63 Kg/s
Eta Zero	1.55 %
EBP	120