NERO-21SW1100D

21" - Subwoofer - 1100W - 104dB

SB AUDIENCE

- Proprietar cone paper material with silk cotton tree
- Double spider high stability suspension
- Cooling device on yoke for improved heat transfer
- 5" voice coil with APC (Advanced Polymer Coating)
- Shorting ring in motor system for reduced distortion
- Cast aluminium chassis
- Minimum damping fibre glass voice coil former

Dimensions & Weight

Overall Diameter	540 mm (21.3 in)
Bolt Circle Diameter	518 mm (20.4 in)
Baffle Cutout Diameter	490 mm (19.29 in)
Mounting Depth	233.2 mm (9.18 in)
Flange and Gasket Thickness	15.5 mm (0.6 in)
Net Weight	21 Kg (46.20 lb)
Shipping Box	586 x 586 x 296 mm (23.07 x 23.07 x 11.65 in)
Gross Weight	24.5 Kg (54.01 lb)

Replacement Diaphragm

N/A

Specs :

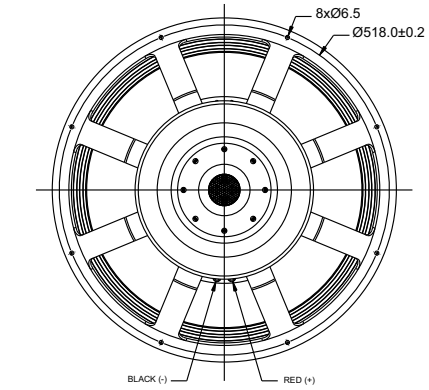
Nominal Impedance	8 Ohm
Minimum Impedance	5 Ohm
AES Power Handling (1)	1100 W
Maximum Power Handling (2)	2200 W
Sensitivity (1W/1m)	104 dB
Frequency Range	32 - 2600 Hz
Voice Coil Diameter	127 mm (5 in)
Winding Material	AISV Copper Wire
Former Material	FIBSV
Winding Depth	28.2 mm
Magnetic Gap Depth	12 mm (0.47 in)
Flux Density	1.12 T
Magnet	Ferrite
Basket Material	Aluminium die cast
Demodulation	Aluminium shorting ring and Aluminium cooling device
Cone Surround	Triple roll
NET Air Volume filled by driver	13.37 liters
Spider Profile	Double constant height waves
Weather Resistant	Yes

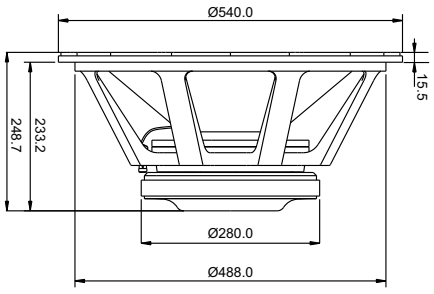
Thiele Small Parameters

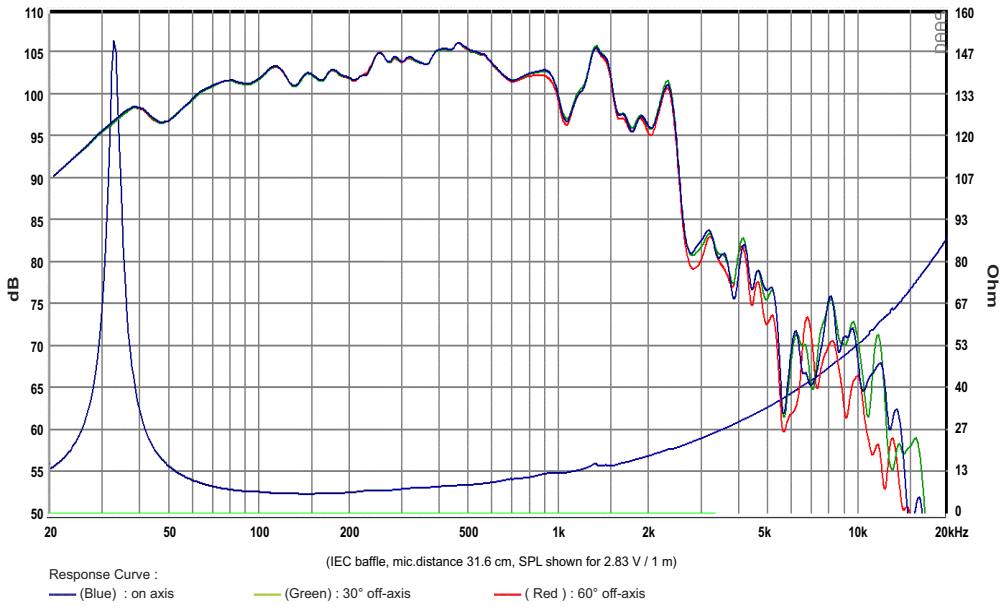
Fs	32 Hz
Re	5.1 Ohm
Qes	0.35
Qms	10.92
Qts	0.34
Vas	312.6 liters
Sd	1654.7 cm²
Xmax (3)	12.20 mm
Xdamage (4)	35 mm
Mms	309.3 g
Bl	30 Tm
Le	1.29 mH
Cms	0.08 mm/N
Rms	5.67 Kg/s
Eta Zero	2.79 %
EBP	91

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.







(IEC baffle, mic.distance 31.6 cm, SPL shown for 2.83 V / 1 m)

Response Curve :
(Blue) : on axis
(Green) : 30° off-axis
(Red) : 60° off-axis