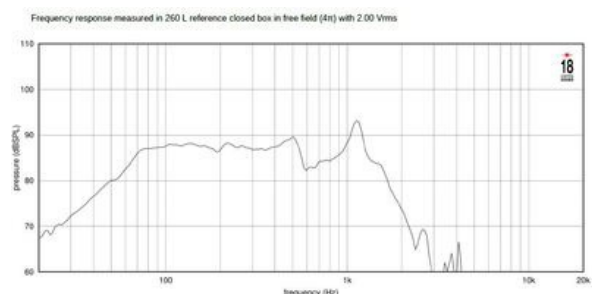
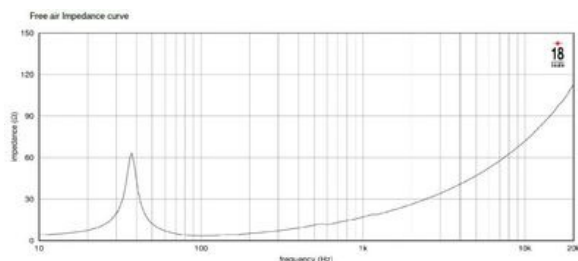


- 43mm Tetracoil
- Double silicon spider
- Single rubber ultra long roll
- Double silicon spider
- Super flat BL and symmetric Inductance

The 18NTLS5000 represents the latest 18sound technology for high quality, low distortion applications, in compact subwoofers suitable for HIFI and high power cinema usage. The longest tetracoil we ever developed (43mm deep) is pushing an high mass membrane, while an ultra long suspension system, made of a single roll rubber surround and a double silicon spider keeps everything in control even at the highest excursions.

Thanks to the combination of the super wide BL symmetry provided by the tetracoil technology and the state of the art suspension compartment, the 18NTLS5000 represent the perfect hybrid between high power professional drivers and HIFI oriented applications.





18NTLS5000 4Ω

LF drivers - 18.0 Inches

SPECIFICATIONS

Nominal Impedance	4 Ω
Minimum Impedance	3.6 Ω
Nominal Power Handling ¹	1800 W
Continuous Power Handling ²	3600 W
Sensitivity ³	89.0 dB
Frequency Range	35 - 4000 Hz
Voice Coil Diameter	115 mm (4.5 in)
Winding Depth	43.0 mm (1.69 in)
Magnetic Gap Depth	15.0 mm (0.59 in)

PARAMETERS⁴

Resonance Frequency	37 Hz
Re	2.7 Ω
Qes	0.35
Qms	8.4
Qts	0.33
Vas	75.0 dm ³ (2.65 ft ³)
Sd	1225.0 cm ² (189.88 in ²)
η _o	1.1 %
X _{max}	17.75 mm
X _{var}	19.0 mm
M _{ms}	510.0 g
Bl	30.7 Txm
Le	2.0 mH
EBP	105 Hz

DESIGN

Magnet Material	Neo
Recommended Enclosure	120.0 dm ³ (4.24 ft ³)
Recommended Tuning	40 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	462 mm (18.19 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	417.0 mm (16.42 in)
Depth	330 mm (13.0 in)
Flange and Gasket Thickness	31 mm (1.22 in)
Net Weight	13.6 kg (29.98 lb)
Shipping Weight	14.5 kg (31.97 lb)

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.