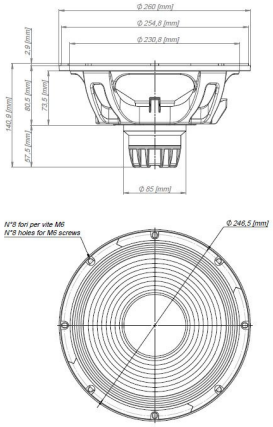
# 10NTLW2000 8Ω

## LF drivers - 10.0 Inches




- Tetracoil Technolgy
- 98 dB SPL 1W / 1m average sensitivity
- 51 mm (2 in) CCAW voice coil
- 350 W AES power handling l
- Extremely balanced BL shape for maximum SPL
- Optimized thermal conductivity
- Maximum linearity and inductance symmetry for extended mid-band clarity
- Ideal for two-ways and line array applications

The 10NTLW2000 represents the latest 18sound technology for high quality, low distortion applications. The Dual gap technology maximize benefits in terms of thermal dissipation and Bl symmetry, making the 10NTLW2000 the perfect midbass for high quality professional systems.
Dual gap motors linearize inductance and the perfect balance we reached between the motor and the ultra linear suspension allows both very high excursion and extreme precision in the mid band with the lowest intermodulation distortion in the professional market.
This features, together with its extreme low weight make the 10NTLW2000 the perfect component for highest quality line arrays and two way systems, thanks also to its 600 watts power handling capabilities.

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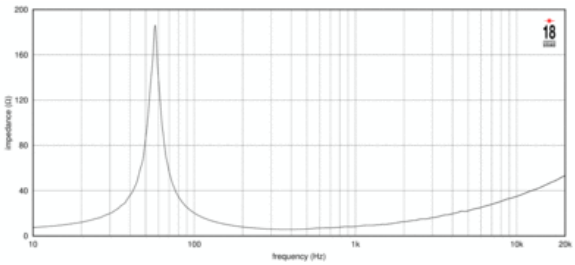

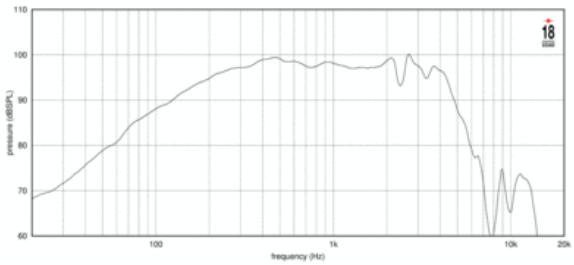

### SPECIFICATIONS

| | |
|---|---|
| Nominal Diameter | 260 mm (10.0 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 5.8 Ω |
| Nominal Power Handling[1] | 350 W |
| Continuous Power Handling[2] | 700 W |
| Sensitivity[3] | 98.5 dB |
| Frequency Range | 60 - 5000 Hz |
| Voice Coil Diameter | 51 mm (2.01 in) |
| Winding Material | aluminum |
| Winding Depth | 13.0 mm (0.51 in) |
| Magnetic Gap Depth | 8.5 mm (0.33 in) |

### DESIGN

| | |
|---|---|
| Surround Shape | M-roll |
| Cone Shape | Straight |
| Magnet Material | Neo |
| Woofer Cone Treatment | Weather protected |
| Recommended Enclosure | 14.0 $dm^3$ (0.49 $ft^3$) |
| Recommended Tuning | 70 Hz |

### PARAMETERS[4]

| | |
|---|---|
| Resonance Frequency | 57 Hz |
| Re | 5.2 Ω |
| Qes | 0.22 |
| Qms | 7.6 |
| Qts | 0.22 |
| Vas | 31.0 $dm^3$ (1.09 $ft^3$) |
| Sd | 346.0 $cm^2$ (53.63 $in^2$) |
| $\eta_0$ | 2.8 % |
| Xmax | 4.4 mm |
| Xvar | 6.5 mm |
| Mms | 38.0 g |
| Bl | 17.9 Txm |
| Le | 0.63 mH |
| EBP | 259 Hz |

### MOUNTING AND SHIPPING INFO

| | |
|---|---|
| Overall Diameter | 260 mm (10.24 in) |
| Bolt Circle Diameter | 245 mm (9.65 in) |
| Baffle Cutout Diameter | 233.0 mm (9.17 in) |
| Depth | 141 mm (5.55 in) |
| Flange and Gasket Thickness | 10 mm (0.39 in) |
| Net Weight | 1.9 kg (4.19 lb) |
| Shipping Weight | 2.3 kg (5.07 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.