



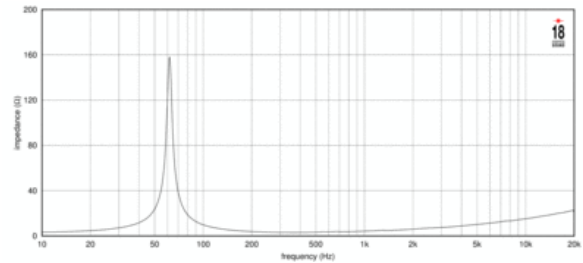
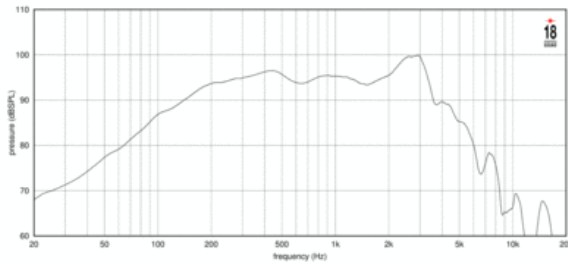
- 96.5 dB SPL 1W / 1m average sensitivity
- 64 mm (2.5 in) Dual voice coil
- 500 WAES power handling
- Extremely balanced BL shape for maximum SPL
- Optimized thermal conductivity
- Maximum linearity and inductance symmetry for extended mid-band clarity
- Ideal for two-ways and line array applications

The 10NTLW2500 represents the latest 18sound technology for high quality, low distortion applications. The Dual Gap technology comes directly from the Tetracoil motor structure and uses the same concept to maximize its benefits in terms of thermal dissipation and BL symmetry to a wider frequency band, making the 10NTLW2500 the perfect component both as a woofer and a midbass, in a perfect power/weight ratio.

The brand new 2.5" Neo Dual gap motor linearizes inductance and minimizes heating and power compression thanks to the high coil surface that makes heat exchange twice as efficient than with standard single coil drivers.

The perfect balance we reached between the motor and the ultra linear M-roll 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 (only 3.6 Kg) make the 12NTLW2500 the perfect component for highest quality line arrays and two/three way systems, thanks also to its 1000 watts power handling capabilities which put the NTLW2500 above the performances of 3" voice coils traditional speakers.



ESPECIFICACIÓN

Impedancia nominal	4 Ω
Impedancia mínima	3.1 Ω
Manejo de potencia nominal	500 W
Manejo de potencia continua	1000 W
Sensibilidad	96.5 dB
Rango de frecuencia	55 - 4500 Hz
Diámetro de la bobina	64 mm (2.5 in)
Material de la bobina	copper
Profundidad del devanado	19.7 mm (0.78 in)
profundidad magnética	9.0 mm (0.35 in)

DISEÑO

Recinto recomendado	20.0 dm ³ (0.71 ft ³)
Sintonía recomendada	68 Hz

PARÁMETROS

Frecuencia de resonancia	61 Hz
Re	2.8 Ω
Qes	0.27
Qms	16.0
Qts	0.27
Vas	22.0 dm ³ (0.78 ft ³)
Sd	346.4 cm ² (53.69 in ²)
η _o	1.7 %
X _{max}	7.6 mm
Excursión máxima	7.4 mm
Mms	54.0 g
Bl	14.2 Txm
Le	0.3 mH
EBP	225 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	260 mm (10.24 in)
Diámetro de circunferencia de los tornillos	245 mm (9.65 in)
Diámetro de la perforación en el baffle	233.0 mm (9.17 in)
Profundidad	157 mm (6.18 in)
Espesor del reborde y junta	9 mm (0.37 in)
Peso neto	3.1 kg (6.83 lb)