



15NTLW3500 4Ω

Altavoces LF - 15.0 Inches

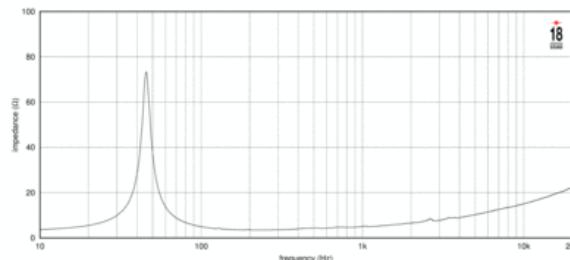
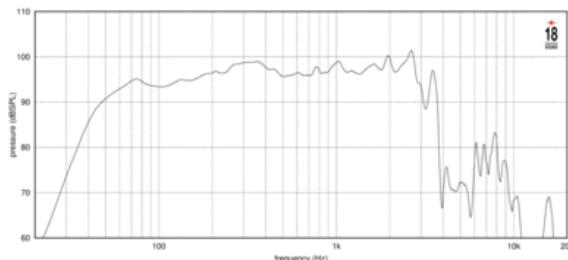


- 97.5 dB SPL 1W / 1m average sensitivity
- 88 mm (3.5 in) voice coil
- 900 W AES power handling
- Extremely balanced BL shape for maximum SPL
- Optimized thermal conductivity
- Maximum linearity and inductance symmetry for extended mid-band clarity
- Ideal for two-ways and line array applications
- Very light Neo Motor

The 15NTLW3500 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 15NTLW3500 the perfect component both as a woofer and a midbass.

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 15NTLW3500 the perfect component for highest quality line arrays and two way systems, thanks also to its 1800 watts power handling capabilities.

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ESPECIFICACIÓN

Impedancia nominal	4 Ω
Impedancia minima	3.5 Ω
Manejo de potencia nominal	900 W
Manejo de potencia continua	1800 W
Sensibilidad	98.0 dB
Rango de frecuencia	40 - 4000 Hz
Diámetro de la bobina	88 mm (3.5 in)
Material de la bobina	aluminum

PARÁMETROS

Frecuencia de resonancia	46 Hz
Re	3.1 Ω
Qes	0.41
Qms	9.4
Qts	0.4
Vas	115.0 dm ³ (4.06 ft ³)
Sd	881.0 cm ² (136.56 in ²)
η ₀	2.5 %
Xmax	8.3 mm
Excursión máxima	7.0 mm
Mms	115.0 g
Bl	15.8 Txm
Le	0.29 mH
EBP	112 Hz

DISEÑO

Recinto recomendado	80.0 dm ³ (2.83 ft ³)
Sintonía recomendada	50 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	393 mm (15.47 in)
Diámetro de circunferencia de los tornillos	371 mm (14.61 in)
Diámetro de la perforación en el baffle	357.0 mm (14.06 in)
Profundidad	229 mm (9.02 in)
Espesor del reborde y junta	13 mm (0.53 in)
Peso neto	5.1 kg (11.24 lb)
Peso del envío	6.2 kg (13.67 lb)