



12NTLW3500 4Ω

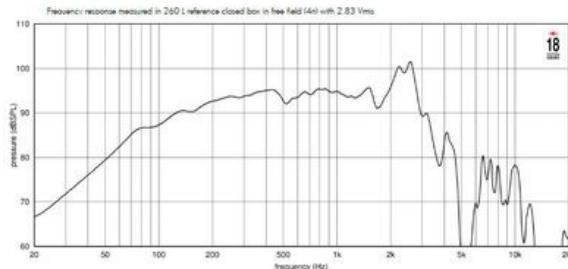
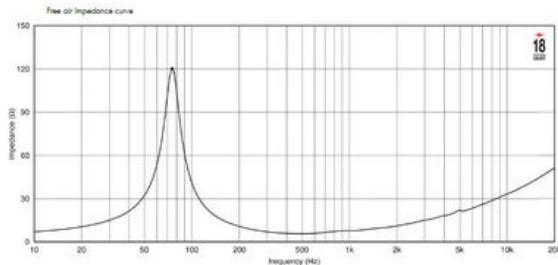
Altavoces LF - 12.0 Inches



- 97 dB SPL 1W / 1m average sensitivity
- 88 mm (3 in) ISV 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
- 2 X Single demodulating rings

The 12NTLW3500 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 12NTLW3500 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 12NTLW3500 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

Diámetro nominal	300 mm (12.0 in)
Impedancia nominal	4 Ω
Impedancia mínima	3.6 Ω
Manejo de potencia nominal	900 W
Manejo de potencia continua	1800 W
Sensibilidad	97.0 dB
Rango de frecuencia	50 - 3000 Hz
Diámetro de la bobina	88 mm (3.5 in)
Material de la bobina	aluminum

PARÁMETROS

Frecuencia de resonancia	54 Hz
Re	3.1 Ω
Qes	0.34
Qms	13.1
Qts	0.33
Vas	41.0 dm ³ (1.45 ft ³)
Sd	531.0 cm ² (82.31 in ²)
η _o	1.8 %
Xmax	8.3 mm
Mms	85.0 g
Bl	16.3 Txm
Le	0.29 mH
EBP	158 Hz

DISEÑO

Recinto recomendado	50.0 dm ³ (1.77 ft ³)
Sintonía recomendada	58 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	310 mm (12.2 in)
Diámetro de circunferencia de los tornillos	295 mm (11.61 in)
Diámetro de la perforación en el baffle	282.0 mm (11.1 in)
Profundidad	193 mm (7.6 in)
Espesor del reborde y junta	13 mm (0.53 in)
Peso neto	4.7 kg (10.36 lb)
Peso del envío	5.5 kg (12.13 lb)