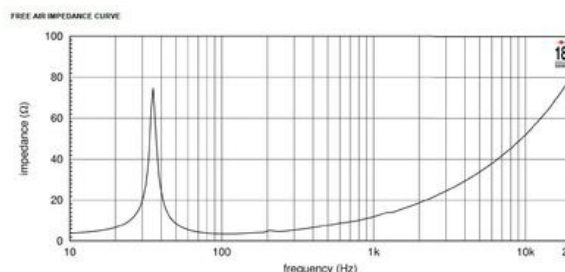
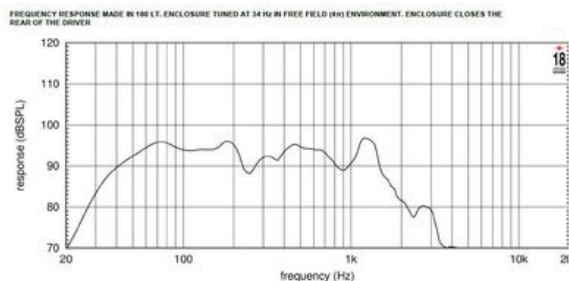




- 95 dB SPL 1W/ 1m average sensitivity
- 100 mm (4 in) Interleaved Sandwich Voice coil (ISV)
- 3200W program power handling
- 70 mm (2,76 in) peak to peak excursion
- Ultra linear dual magnet motor design
- Single Demodulating Ring (SDR) for lower distortion
- Composite reinforced straight ribbed cone
- Optimized high grade ferrite magnet assembly
- Recommended for subwoofer usage in compact vented enclosures

The 18LW2500 is a 18" (466 mm) extended low frequency loudspeaker, designed for use in vented enclosures. The loudspeaker is designed to withstand high power levels without damage while providing clean and undistorted LF reproduction at a very high SPL. For optimum results we recommend amplifiers able to deliver 3400 Watt program power. The 18LW2500 features a unique motor featuring a high grade ferrite magnet assembly in a structure optimized for thermal and magnetic efficiency. 18LW2500 features include a large displacement suspension system which, in conjunction with a composite reinforced, straight ribbed cone and the Eighteen Sound proprietary Double Silicon Spider (DSS) technology, allows an ultra-linear piston action and provides full mechanical control across the entire working range. The 100mm (4 in) state-of-the-art voice-coil utilizing Interleaved Sandwich Voice coil (ISV) technology, provides high levels of thermal stability and durability. The ISV technology achieves a balanced linear motor unit exerting an exceptionally high force factor.



### ESPECIFICACIÓN

Diámetro nominal	462 mm ( in)
Impedancia nominal	4 Ω
Impedancia mínima	3.4 Ω
Manejo de potencia nominal	1600 W
Manejo de potencia continua	3200 W
Sensibilidad	95.0 dB
Rango de frecuencia	30 - 1000 Hz
Diámetro de la bobina	100 mm (4.0 in)
Material de la bobina	copper

### PARÁMETROS

Frecuencia de resonancia	35 Hz
Re	2.6 Ω
Qes	0.45
Qms	18.4
Qts	0.44
Vas	135.0 dm <sup>3</sup> (4.77 ft <sup>3</sup> )
Sd	1130.0 cm <sup>2</sup> (175.15 in <sup>2</sup> )
Xmax	14.0 mm
Mms	290.0 g
Bl	20.0 Txm
Le	1.8 mH
EBP	77 Hz

### DISEÑO

Recinto recomendado	200.0 dm <sup>3</sup> (7.06 ft <sup>3</sup> )
Sintonía recomendada	35 Hz

### INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	462 mm (18.19 in)
Diámetro de circunferencia de los tornillos	440 mm (17.32 in)
Diámetro de la perforación en el baffle	416.0 mm (16.38 in)
Profundidad	234 mm (9.21 in)
Espesor del reborde y junta	26 mm (1.02 in)
Peso neto	16.7 kg (36.82 lb)
Peso del envío	18.2 kg (40.12 lb)
Caja de envío	482x482x257 mm (18.98x18.98x10.12 in)