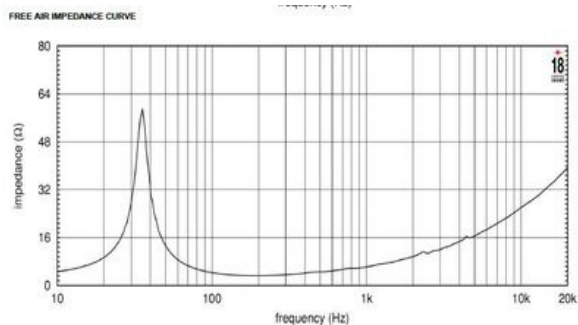
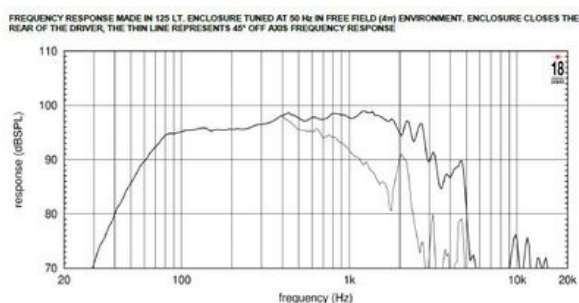




- 97 dB SPL 1W / 1m average sensitivity
- 75 mm (3 in) Interleaved Sandwich Voice coil (ISV)
- 1200 W program power handling
- Long excursion, linear travel suspension design
- Weather protected cone and plates for outdoor usage
- Generous low frequency output make it suitable for 2-way systems and subwoofer applications

The 15W750 low frequency transducer meets the specific market demand for a loudspeaker which combines good linearity and efficiency with high power handling capabilities, containing a 75 mm Ø aluminum voice coil. Although primarily intended for use in tuned reflex enclosures, the versatile characteristics of the 15W750 render it suitable for a wide variety of enclosure types, particularly as a subwoofer or as a LF driver in 2 systems. When used in a 2-way system, we recommend a 1.4" or 2" exit compression driver in order to obtain the best sound quality. The deep profile curvilinear paper cone has been made using a special high strength wood pulp and designed to achieve the best possible linearity within its intended frequency range and to control bell-mode resonances around the cone circumference. The cone is carried by an unusually deep profile, triple-roll suspension formed of a linen-like material which is more resistant to aging and fatigue than the traditional cotton-based materials used in conventional surrounds. The 75 mm Ø aluminum voice coil employs the Interleaved Sandwich Voice coil (ISV) technology, in which a high strength fiberglass former carries windings on both the outer and inner surfaces to achieve a mass balanced coil. This results in an extremely linear motor assembly with a reduced tendency for eccentric behavior when driven hard. The magnetic structure has been optimized using our in-house FEA CAD resource that has maximized the flux density in the voice coil gap. Excellent heat dissipation has also been achieved by incorporating air channels between the basket and the magnetic top plate. Due to the increase in use of audio systems at outdoor events, the ability of the 15W750 to perform in adverse weather conditions or in areas of high humidity is a great advantage. This has been achieved using exclusive treatments which enable the cone and the magnetic plate to resist corrosion and render the cone water repellent at the same time.



### ESPECIFICACIÓN

Diámetro nominal	380 mm ( in)
Impedancia nominal	4 Ω
Impedancia mínima	3.3 Ω
Manejo de potencia nominal	600 W
Manejo de potencia continua	1200 W
Sensibilidad	97.0 dB
Rango de frecuencia	40 - 4300 Hz
Diámetro de la bobina	75 mm (3.0 in)
Material de la bobina	aluminum

### DISEÑO

Recinto recomendado	110.0 dm <sup>3</sup> (3.88 ft <sup>3</sup> )
Sintonía recomendada	42 Hz

### PARÁMETROS

Frecuencia de resonancia	39 Hz
Re	2.7 Ω
Qes	0.3
Qms	6.2
Qts	0.29
Vas	253.0 dm <sup>3</sup> (8.93 ft <sup>3</sup> )
Sd	850.0 cm <sup>2</sup> (131.75 in <sup>2</sup> )
Xmax	8.0 mm
Mms	89.5 g
Bl	14.0 Txm
Le	0.73 mH
EBP	130 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	354.0 mm (13.94 in)
Profundidad	184 mm (7.24 in)
Espesor del reborde y junta	13 mm (0.51 in)
Peso neto	7.9 kg (17.42 lb)
Peso del envío	9.0 kg (19.84 lb)
Caja de envío	405 x 405 x 252 mm (15.94x15.94x9.92 in)