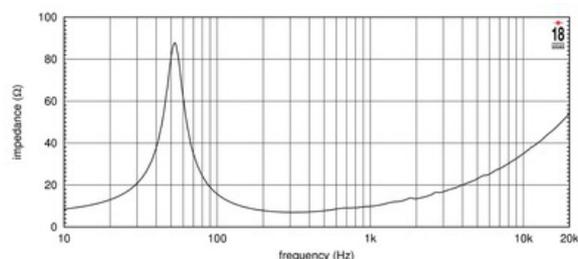
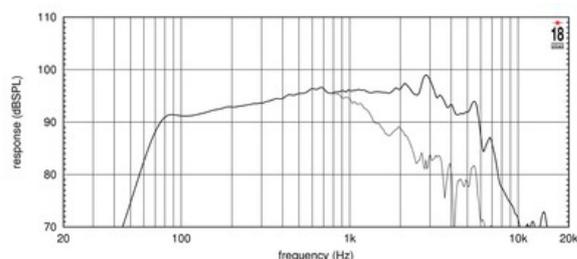


- 98 dB SPL 1W/ 1m average sensitivity
- 51 mm (2 in) Interleaved Sandwich copper Voice coil (ISV)
- 280 WAES power handling
- Improved heat dissipation via unique basket design
- Ideal for compact two way and multiway systems

The 10W500 is a low frequency driver designed to satisfy the need for a 10" ferrite loudspeaker combining excellent linearity with good sensitivity and power handling characteristics. The transducer is the evolution of the 10W400, and is primarily recommended for compact bass reflex systems in enclosures as small as 25 lt. The paper curvilinear cone is carried by a dampened linen, triple roll front suspension to control vibration modes that ensures good travel control and linear excursion. The 50 mm diameter copper wire voice coil employs the Interleaved Sandwich Voice coil (ISV) technology, where a high strength fibreglas former carries windings on both the outer and inner surfaces to achieve a mass balanced coil. This results in an extremely linear motor assembly which, in conjunction with the highly advanced design of the magnetic structure, provides a high force factor or BL. Another feature of 10W500 is the fine air channels between the chassis back plate and the top plate of the magnet, which draw heated air out from the voice coil gap and dissipate the energy through the chassis casting. The top and back plates of the magnet assembly have been designed to optimise flux density and BL factor in the air gap using our in-house FEA CAD facility.



### ESPECIFICACIÓN

Diámetro nominal	260 mm ( in)
Impedancia nominal	8 Ω
Impedancia mínima	7.0 Ω
Manejo de potencia nominal	280 W
Manejo de potencia continua	400 W
Sensibilidad	98.0 dB
Rango de frecuencia	55 - 4500 Hz
Diámetro de la bobina	51 mm (2.0 in)
Material de la bobina	copper

### DISEÑO

Recinto recomendado	30.0 dm <sup>3</sup> (1.06 ft <sup>3</sup> )
Sintonía recomendada	58 Hz

### PARÁMETROS

Frecuencia de resonancia	53 Hz
Re	6.0 Ω
Qes	0.31
Qms	4.22
Qts	0.29
Vas	45.2 dm <sup>3</sup> (1.6 ft <sup>3</sup> )
Sd	350.0 cm <sup>2</sup> (54.25 in <sup>2</sup> )
Xmax	5.5 mm
Mms	33.0 g
Bl	14.6 Txm
Le	0.72 mH
EBP	170 Hz

### INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	260 mm (10.24 in)
Diámetro de circunferencia de los tornillos	244 mm (9.61 in)
Diámetro de la perforación en el baffle	232.0 mm (9.13 in)
Profundidad	121 mm (4.76 in)
Espesor del reborde y junta	14 mm (0.55 in)
Peso neto	4.7 kg (10.36 lb)
Peso del envío	5.1 kg (11.24 lb)
Caja de envío	275 x 275 x 164 mm (10.83x10.83x6.46 in)