



10W400 **8Ω**

Altavoces LF - 10.0 Inches



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

The 10W400 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 primarily recommended for compact bass reflex systems in enclosures as small as 25 lt.

The paper curvilinear cone is carried by a damped linen, double half-roll front suspension to control vibration modes. The 8 mm Xmax ensures good travel control and linear excursion.

The 50 mm diameter state-of-the-art, copper wire voice coil employs same technology fitted to our top-of-the-range models, that is our Interleaved Sandwich Voice coil (ISV) technology. 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 which, in conjunction with the highly advanced design of the magnetic structure, provides a high force factor or BL.

Another feature of our products, retained in the 10W400 are 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.

**10W400 8Ω****Altavoces LF - 10.0 Inches****ESPECIFICACIÓN**

| | |
|-----------------------------|----------------|
| Diámetro nominal | 260 mm (in) |
| Impedancia nominal | 8 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 | aluminum |

DISEÑO

| | |
|----------------------|--|
| Recinto recomendado | 35.0 dm ³ (1.24 ft ³) |
| Sintonía recomendada | 70 Hz |

PARÁMETROS

| | |
|--------------------------|--|
| Frecuencia de resonancia | 70 Hz |
| Re | 5.1 Ω |
| Qes | 0.44 |
| Qms | 3.99 |
| Qts | 0.4 |
| Vas | 31.0 dm ³ (1.09 ft ³) |
| Sd | 350.0 cm ² (54.25 in ²) |
| Xmax | 5.5 mm |
| Mms | 27.0 g |
| Bl | 11.7 Txm |
| Le | 1.2 mH |
| EBP | 159 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 | 276 x 275 x 164 mm (10.87x10.83x6.46 in) |