

- 101,5 dB SPL 1W / 1m average sensitivity
- 75 mm (3 in) Interleaved Sandwich Voice coil (ISV)
- 400 W AES power handling
- Excellent transient response and cone damping
- Improved heat dissipation via unique basket design
- Ideal for compact two way, multiway systems and horn design

The 15MB650 high output mid bass has been designed for use as a bass and low-midrange driver in tuned reflex enclosures, in 2- or 3-way systems. When used in a 2-way system, we recommend a 1" or 2" exit compression driver to obtain the best sound quality and directional control. The 15MB650 combines a high sensitivity value

(101dB 1W/1m) with high power handling capabilities.

The curvilinear paper cone, in conjunction with the viscose damped double half-roll suspension, provides excellent transient response and cone damping.

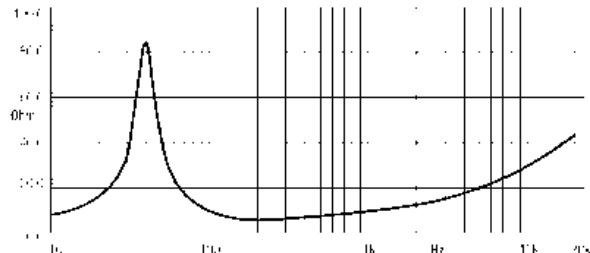
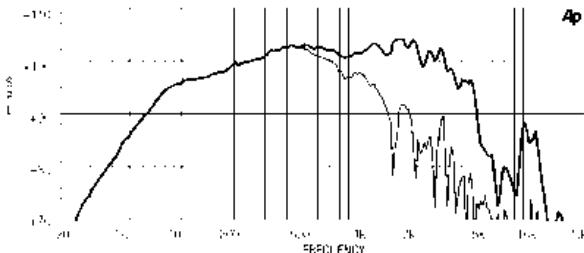
The 75 mm Ø copper voice coil utilises the same technology fitted to our top-of-the-range 4" voice coil models. It employs the Interleaved Sandwich Voice coil (ISV), in which a high strength fiberglas former carries windings on the outer and inner surfaces to achieve a mass balanced coil. This results in an extremely linear motor assembly with a reduced tendency for eccentric behavior when driven hard.

The low inductance coil gives improvements in transient response.

Excellent heat dissipation has been achieved by incorporating air channels in the basket design, between the basket and top plate.

Maximum flux concentration and force factor in the gap are assured by the unique shape and design of the face and back plates, which have been created using our in-house Magnetic Flux FEA CAD resource.

The special treatment applied to the top and the back plate is far more resistant to the corrosive effects of salts and oxidization than any other treatment in use



## ESPECIFICACIÓN

Diámetro nominal	380 mm ( in )
Impedancia nominal	8 Ω
Impedancia minima	5.9 Ω
Manejo de potencia nominal	400 W
Manejo de potencia continua	600 W
Sensibilidad	10150.0 dB
Rango de frecuencia	50 - 4800 Hz
Diámetro de la bobina	75 mm (3.0 in)
Material de la bobina	copper

## PARÁMETROS

Frecuencia de resonancia	40 Hz
Re	5.5 Ω
Qes	0.27
Qms	3.95
Qts	0.26
Vas	210.0 dm <sup>3</sup> (7.42 ft <sup>3</sup> )
Sd	900.0 cm <sup>2</sup> (139.5 in <sup>2</sup> )
Xmax	4.0 mm
Mms	77.0 g
Bl	20.0 Txm
Le	1.36 mH
EBP	148 Hz

## INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	387 mm (15.24 in)
Diámetro de circunferencia de los tornillos	370 mm (14.57 in)
Diámetro de la perforación en el baffle	353.0 mm (13.9 in)
Profundidad	167 mm (6.57 in)
Espesor del reborde y junta	19 mm (0.75 in)
Peso neto	8.3 kg (18.3 lb)
Peso del envío	9.3 kg ( lb)
Caja de envío	405 x 405 x 214 mm (15.94x15.94x8.43 in)