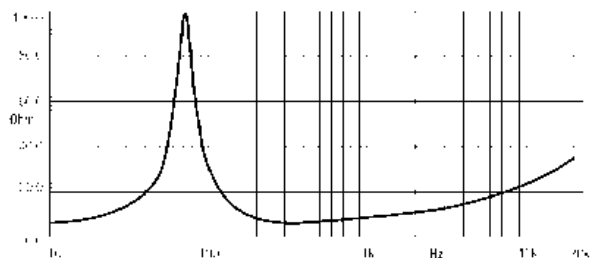
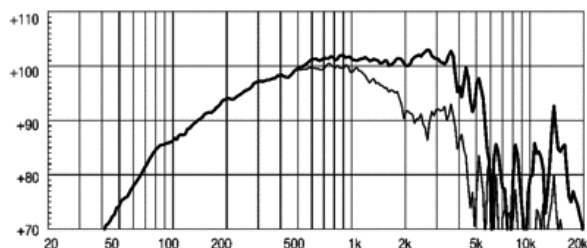


- 102 dB SPL 1W / 1m average sensitivity
- 75 mm (3 in) Interleaved Sandwich Voice coil (ISV)
- 400 WAES power handling
- Excellent transient response
- Improved heat dissipation via unique basket design
- Ideal for direct radiating or horn loaded midrange systems

The 10M600 is a top performance 10" ferrite midrange driver which offers high power handling capability with exceptional sensitivity over the middle frequency band. It is suitable for either direct radiating or horn loaded applications as part of a 3 or 4-way auditorium, touring, or outdoor festival sound system. It is the result of an intensive development program which aimed to produce the best 10" ferrite midrange driver available. The smooth curvilinear paper cone has a special high strength wood pulp composition and has been designed to achieve the best possible linearity within the middle frequency range and to control bell-mode resonances around the cone circumference. The cone is carried by a double half-roll suspension composed of a material which is more resistant to aging and fatigue than traditional materials, providing the correct damping and excursion control. The 75 mm state-of-the-art voice coil assembly incorporates a fine edge-wound aluminum wire together with a strong fiberglass former to get the necessary force factor, mass lightness and high power handling. The voice coil is cooled using airways between the chassis back plate and the magnet face plate, which allow heated air from the voice coil and gap to be channeled away and dissipated by the chassis basket. This technology is another product of 3D CAD resource application by our engineers. The magnetic structure has also been optimized using our in-house FEA CAD resource which has maximized the flux density in the voice coil gap. A special treatment is applied to both the top and back plates making them more resistant to the corrosive effects of salts and oxidation. This treatment is more effective than any other treatment in use today.



ESPECIFICACIÓN

Diámetro nominal	260 mm (in)
Impedancia nominal	8 Ω
Impedancia minima	6.4 Ω
Manejo de potencia nominal	400 W
Manejo de potencia continua	500 W
Sensibilidad	102.0 dB
Rango de frecuencia	80 - 5200 Hz
Diámetro de la bobina	75 mm (3.0 in)
Material de la bobina	aluminum

DISEÑO

Recinto recomendado	20.0 dm ³ (0.71 ft ³)
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PARÁMETROS

Frecuencia de resonancia	70 Hz
Re	5.2 Ω
Qes	0.25
Qms	4.5
Qts	0.23
Vas	25.6 dm ³ (0.9 ft ³)
Sd	350.0 cm ² (54.25 in ²)
Xmax	4.0 mm
Mms	32.0 g
Bl	17.6 Txm
Le	1.28 mH
EBP	280 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	126 mm (4.96 in)
Espesor del reborde y junta	14 mm (0.55 in)
Peso neto	7.35 kg (16.2 lb)
Peso del envío	7.8 kg (17.2 lb)
Caja de envío	275 x 275 x 164 mm (10.83x10.83x6.46 in)