



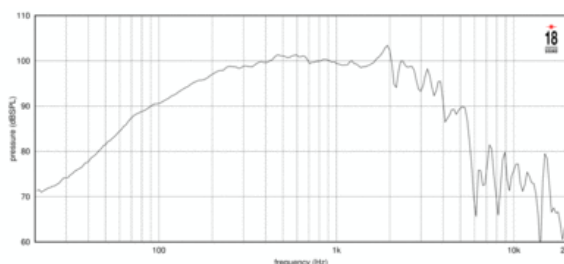
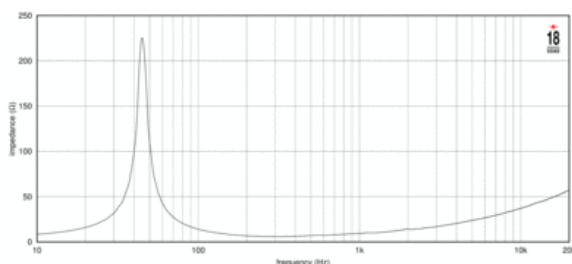
12MB720 8Ω

Altavoces LF - 12.0 Inches



- 100dB Sensitivity
- Single demodulating ring
- 75mm (3") Interleaved Sandwich voice coil
- 500 watts AES power handling

Limited distribution U.S. only. Contact Universal music (U.S. official distributor) for infos
The 12MB720 is a very high sensitivity (100dB 1W/1m) midbass driver with high power handling capabilities. It can be used as either a bass/mid driver in compact 2-way reflex enclosures or as a direct radiating or horn loaded, dedicated midrange driver, in multi-way touring and fixed installation concert and arena systems. Its curvilinear paper cone made from a special high strength wood pulp, has been 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 a multiroll suspension formed of a linen-like material, which is more resistant to aging and fatigue than traditional materials. The 75 mm diameter state-of-the-art copper voice coil employs our Interleaved Sandwich Voice coil (ISV) technology. This results in an extremely linear motor assembly with a reduced tendency for eccentric behavior when driven hard. The excellent performance capabilities of this loudspeaker are further enhanced by the Single Demodulating Rings (SDR) designed to dramatically reduce the intermodulation and harmonic distortion and improve transient response. The magnetic structure has been optimized using FEA CAD resource, maximizing the flux density in the voice coil gap and its cooling. An exclusive treatment has been applied to the cone giving it water repellent properties.



ESPECIFICACIÓN

Impedancia nominal	8 Ω
Impedancia mínima	6.4 Ω
Manejo de potencia nominal	500 W
Manejo de potencia continua	1000 W
Sensibilidad	100.0 dB
Rango de frecuencia	90 - 4000 Hz
Diámetro de la bobina	75 mm (3.0 in)
Profundidad del devanado	15.0 mm (0.59 in)
profundidad magnética	10.0 mm (0.39 in)

DISEÑO

Recinto recomendado	25.0 dm ³ (0.88 ft ³)
Sintonía recomendada	60 Hz

PARÁMETROS

Frecuencia de resonancia	46 Hz
Re	5.0 Ω
Qes	0.2
Qms	10.3
Qts	0.2
Vas	81.0 dm ³ (2.86 ft ³)
Sd	531.0 cm ² (82.31 in ²)
η _o	3.8 %
X _{max}	5.0 mm
Excursión máxima	6.1 mm
M _{ms}	59.0 g
Bl	20.5 Txm
Le	0.79 mH
EBP	230 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	310 mm (12.2 in)
Diámetro de circunferencia de los tornillos	295 mm (11.61 in)
Diámetro de la perforación en el baffle	283.0 mm (11.14 in)
Profundidad	142 mm (5.59 in)
Espesor del reborde y junta	13 mm (0.52 in)
Peso neto	7.8 kg (17.2 lb)
Peso del envío	8.3 kg (18.3 lb)