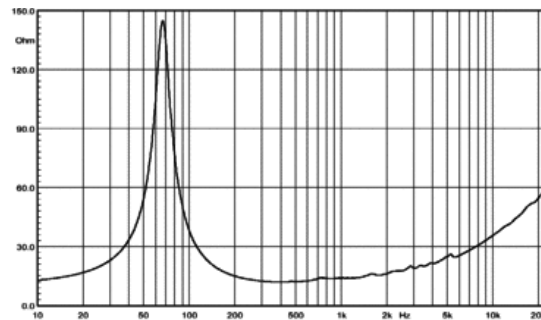
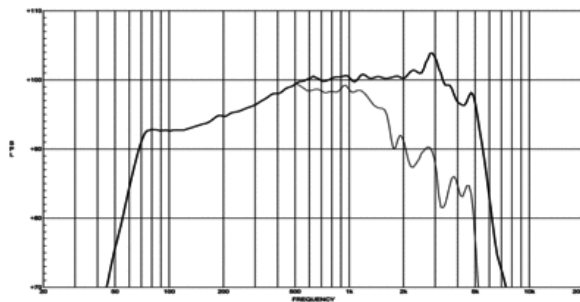


- 99 dB SPL 1W / 1m average sensitivity
- 65 mm (2.5 in) Interleaved Sandwich Voice coil (ISV)
- 350 WAES power handling
- External neodymium magnet assembly
- Single Demodulating Ring (SDR) for lower distortion
- Weather protected cone and plates for outdoor usage
- Suitable for line arrays and compact two way systems

The 10NMB420 neodymium transducer has been developed in response to a specific market requirement for a 10" midbass driver that combines excellent linearity with good efficiency and high power handling capabilities. The 10NMB420 is primarily intended for use as a midbass driver in line-arrays as well as high quality 2-way or multiway reflex enclosures. The low pass filter might be positioned as high as 2000Hz. The extremely powerful external neodymium magnet assembly assures high flux concentration, low power compression and excellent heat exchange. The levels of force factor and power handling are, as a consequence, at the upper professional level with best power to weight ratio. The 65mm Ø state-of-the-art, aluminum wire voice coil employs Interleaved Sandwich Voice coil (ISV) technology. It is composed by a high strength fibreglas former used to carry windings on both the outer and inner surfaces, in order 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 BL force factor. The voice coil is cooled through airways placed between the chassis back plate and the magnet faceplate. In this way heated air is channeled away from the voice coil and the gap. Another technology present into the 10NMB420 is the SDR (Single Demodulating Ring), used to reproduce instantaneous peak on mid frequencies, reducing intermodulation distortion. Thanks to the increasing use during outdoor audio events, the ability to perform in humid environments is an extra key feature of the 10NMB420. This is achieved through an exclusively developed cone treatment which renders the cone humidity repellent while does not increasing the total moving speaker mass.



ESPECIFICACIÓN

Diámetro nominal	260 mm (in)
Impedancia nominal	16 Ω
Impedancia mínima	11.9 Ω
Manejo de potencia nominal	350 W
Manejo de potencia continua	500 W
Sensibilidad	99.0 dB
Rango de frecuencia	65 - 5000 Hz
Diámetro de la bobina	65 mm (2.5 in)
Material de la bobina	aluminum

DISEÑO

Recinto recomendado	25.0 dm ³ (0.88 ft ³)
Sintonía recomendada	70 Hz

PARÁMETROS

Frecuencia de resonancia	65 Hz
Re	10.5 Ω
Qes	0.36
Qms	4.6
Qts	0.33
Vas	30.0 dm ³ (ft ³)
Sd	346.0 cm ² (53.63 in ²)
Xmax	4.0 mm
Mms	31.5 g
Bl	19.5 Txm
Le	0.4 mH
EBP	180 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	122 mm (4.8 in)
Espesor del reborde y junta	11 mm (0.43 in)
Peso neto	3.0 kg (6.61 lb)
Peso del envío	3.4 kg (7.5 lb)
Caja de envío	275 x 275 x 164 mm (10.83x10.83x6.46 in)