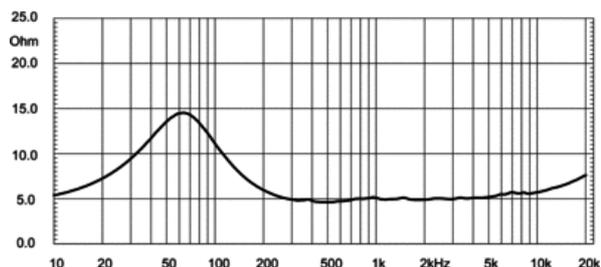
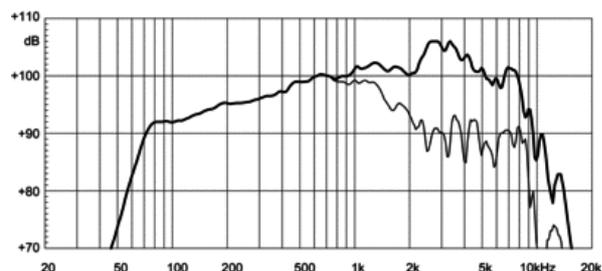


- 100,5 dB SPL 1W/ 1m average sensitivity (AIC on)
- 65 mm (2,5 in) Interleaved Sandwich Voice coil (ISV)
- 300 Watt AES power handling
- Neodymium motor assembly
- AIC (Active Impedance Control) secondary voice coil for superior intelligibility, very low distortion and inductance linearization
- Suitable for high quality two way compact systems
- Suitable for line array applications and multiway systems

The 10NMB A520 is the evolution of the 10NDA520. The transducer is a 10" mid-bass transducer created for compact reflex 2-way enclosures, and when compared to 10NDA520 shows 1 dB increased sensitivity over all operative frequency range, as well as 600 Watts program power handling. It can be used in mid-low sections on line-array systems and everywhere very high quality mid-bass frequency range reproduction is needed. The 10NMB A520 incorporates Active Impedance Control technology (AIC), consisting of an additional coil fixed on the pole piece and connected in parallel to the moving coil. The magnetic field generated by AIC coil has the following effects: 1) Impedance linearization 2) Acoustic and electric phase linearization 3) Significant increase of sensitivity and total SPL 4) Total harmonic distortion reduction 5) Constant power transfer By not absorbing the moving coil's electromagnetic energy, the AIC offers substantial advantages to the sound quality. The external neodymium magnet assembly assures high flux concentration, low power compression and excellent heat exchange. The curvilinear cone, specified with a high damping wood pulp has been designed to achieve the best possible linearity within its frequency range. The 65 mm (2,5 in) diameter aluminum voice coil is wound on a strong fiberglass former in order to improve force transmission and power handling. A special coating applied to both the top and back plates makes the 10NMB A520 far more resistant to the corrosive effects of salts and oxidization.



ESPECIFICACIÓN

Diámetro nominal	260 mm (in)
Impedancia nominal	8 Ω
Impedancia mínima	6.3 Ω
Manejo de potencia nominal	300 W
Manejo de potencia continua	600 W
Sensibilidad	100.5 dB
Rango de frecuencia	60 - 7000 Hz
Diámetro de la bobina	64 mm (2.5 in)
Material de la bobina	aluminum

DISEÑO

Recinto recomendado	15.0 dm ³ (0.53 ft ³)
Sintonía recomendada	64 Hz

PARÁMETROS

Frecuencia de resonancia	60 Hz
Re	5.0 Ω
Qes	0.24
Qms	4.2
Qts	0.23
Vas	42.0 dm ³ (1.48 ft ³)
Sd	350.0 cm ² (54.25 in ²)
Xmax	4.0 mm
Mms	28.0 g
Bl	14.6 Txm
Le	0.01 mH
EBP	250 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	260 mm (10.24 in)
Diámetro de circunferencia de los tornillos	275 mm (10.83 in)
Diámetro de la perforación en el baffle	232.0 mm (9.13 in)
Profundidad	104 mm (4.09 in)
Espesor del reborde y junta	14 mm (0.55 in)
Peso neto	3.0 kg (6.61 lb)
Peso del envío	3.57 kg (7.87 lb)
Caja de envío	275 x 275 x 164 mm (10.83x10.83x6.46 in)