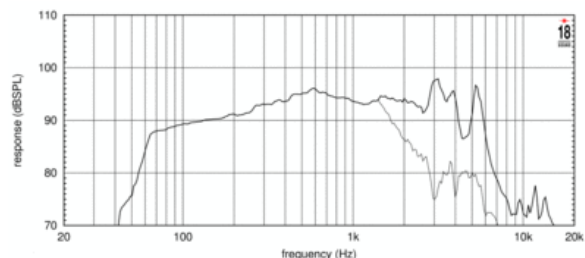
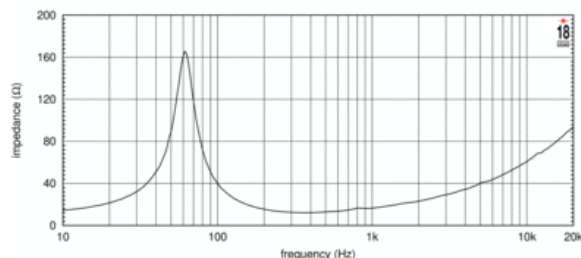




- 95 dB SPL 1W / 1m average sensitivity
- 65 mm (2.5 in) aluminum edgewound voice coil
- 600 W program power handling
- High excursion design for low frequency clarity and punch
- Weather protected cone and coated plates for outdoor usage
- Ultra lightweight design
- Suitable for line array applications and multiway systems

The 8NW650 is a 8 inch neodymium woofer. The transducer has been developed in response to a specific market requirement for a light weight design that combines excellent linearity with high power handling capabilities. The 8NW650 is primarily intended for use as a low frequency driver for 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 high grade neodymium magnet assembly assures high flux concentration and low power compression. 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 edgewound aluminum wire voice coil is wound on a high strength fiberglass former. The voice coil is cooled through airways placed between the chassis back plate and the magnet faceplate and carefully designed ventilation ducts made into the metal back plate. The curvilinear paper cone is formed using a special high strength wood pulp, designed to achieve the best possible rigidity and stiffness. The ability to perform in humid environments is an extra key feature of the 8NW650. This is achieved through the application of an exclusively developed membrane treatment which renders the cone humidity repellent while does not increasing the total moving speaker mass. In addition, a special epoxy treatment is applied to the top and back plates making the transducer far more resistant to the corrosive effects of salts and oxidization.



ESPECIFICACIÓN

Diámetro nominal	200 mm (in)
Impedancia nominal	16 Ω
Impedancia mínima	12.0 Ω
Manejo de potencia nominal	300 W
Manejo de potencia continua	600 W
Sensibilidad	95.0 dB
Rango de frecuencia	55 - 6300 Hz
Diámetro de la bobina	65 mm (2.5 in)

DISEÑO

Recinto recomendado	20.0 dm ³ (0.71 ft ³)
Sintonía recomendada	75 Hz

PARÁMETROS

Frecuencia de resonancia	62 Hz
Re	9.9 Ω
Qes	0.26
Qms	4.13
Qts	0.25
Vas	18.99 dm ³ (0.67 ft ³)
Sd	230.0 cm ² (35.65 in ²)
Xmax	5.5 mm
Mms	25.0 g
Bl	19.1 Txm
Le	1.14 mH
EBP	238 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	210 mm (8.27 in)
Diámetro de circunferencia de los tornillos	195 mm (7.68 in)
Diámetro de la perforación en el baffle	185.0 mm (7.28 in)
Profundidad	111 mm (4.37 in)
Espesor del reborde y junta	8 mm (0.31 in)
Peso neto	2.4 kg (5.29 lb)
Peso del envío	2.7 kg (lb)
Caja de envío	235 x 235 x 150 mm (9.25x9.25x5.91 in)