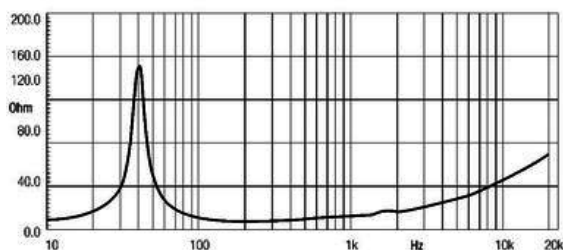
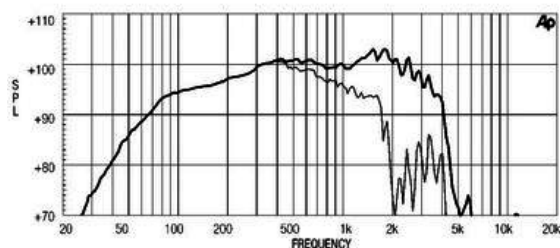




- 97 dB SPL 1W / 1m average sensitivity
- 75 mm (3 in) edgewound voice coil
- 500W AES power handling
- Neodymium magnet assembly
- Double Demodulating Rings (DDR) for lower distortion
- Humidity resistant cone
- Ideal for two way systems and for high loading compact subwoofer applications
- External neodymium magnet assembly
- Weather protected cone and plates for outdoor usage
- Recommended for multiway systems and studio monitoring applications

The 15ND930 is a high power, high output, extended low frequency neodymium transducer which meets the most stringent requirements in high quality professional transducers. The high level of performance and sound quality have been achieved by exploiting the most advanced technologies available today. Thanks to its versatility, the 15ND930 can be used in 2-way compact reflex enclosures with a 1.4" compression driver, in multiway systems and in high loading sub woofers as small as 70 lt (compact reflex, bandpass and horn loaded configurations). The neodymium magnet assembly assures high flux concentration, low power compression and excellent heat exchange, since the external magnet configuration is considerably more efficient than traditional under-pole magnet topology. This results in high levels of force factor and power handling with an optimum power to weight ratio. The direct contact between the large heat sink and basket, together with the magnetic structure, represent a fundamental improvement in thermal connection and heat dissipation. Hence, power handling capabilities are increased and power compression lowered. The deep profile curvilinear cone, created from a special high strength wood pulp, has been designed to achieve the best possible linearity within its frequency range. The cone surround, made from a linen material is highly resistant to aging and fatigue. The in-house developed cone treatment is a humidity repellent and significantly dampens bell mode resonances. The 75mm (3in) copper edge-wound voice coil assembly is wound on a strong fibreglas former to improve force transmission and power handling. The already low distortion and sound quality are further improved by Double Demodulating Rings (DDR) that flatten impedance and phase with a constant power transfer. A special coating applied to both the top and back plates makes the 15ND930 far more resistant to the corrosive effects of salts and oxidization.



ESPECIFICACIÓN

Diámetro nominal	380 mm (in)
Impedancia nominal	16 Ω
Impedancia mínima	12.8 Ω
Manejo de potencia nominal	500 W
Manejo de potencia continua	800 W
Sensibilidad	97.0 dB
Rango de frecuencia	40 - 4100 Hz
Diámetro de la bobina	75 mm (3.0 in)

PARÁMETROS

Frecuencia de resonancia	38 Hz
Re	10.9 Ω
Qes	0.4
Qms	9.5
Qts	0.39
Vas	195.0 dm ³ (6.89 ft ³)
Sd	850.0 cm ² (131.75 in ²)
Xmax	7.5 mm
Mms	92.0 g
Bl	24.2 Txm
Le	2.5 mH
EBP	95 Hz

DISEÑO

Recinto recomendado	110.0 dm ³ (3.88 ft ³)
Sintonía recomendada	40 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	387 mm (15.24 in)
Diámetro de circunferencia de los tornillos	370 mm (14.57 in)
Diámetro de la perforación en el baffle	353.0 mm (13.9 in)
Profundidad	177 mm (6.97 in)
Espesor del reborde y junta	11 mm (0.43 in)
Peso neto	4.0 kg (8.82 lb)
Peso del envío	5.7 kg (12.57 lb)
Caja de envío	405 x 405 x 214 mm (15.94x15.94x8.43 in)