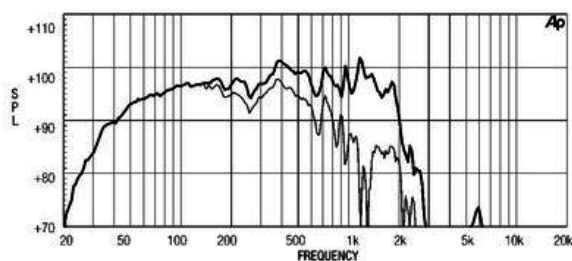
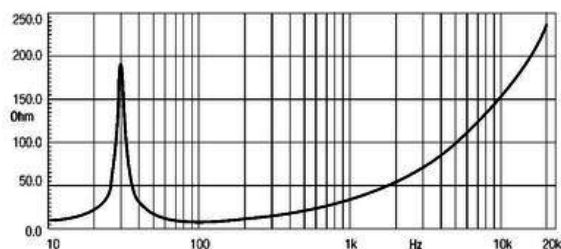


- 99 dB SPL 1W / 1m average sensitivity
- 100 mm (4 in) Interleaved Sandwich Voice coil (ISV)
- 1000W AES power handling
- Carbon fiber reinforced straight-ribbed cone
- Double Silicon Spider (DSS) for improved excursion control and linearity
- Double Demodulating Rings (DDR) for lower distortion
- Improved heat dissipation via unique basket design
- Weather protected cone and plates for outdoor usage
- Suitable for ultra low frequency systems

The 21LW1400 is a 21 inch high performance extended low frequency loudspeaker. The transducer can be used as a subwoofer component, in either a reflex, band-pass or horn-loaded configuration, in high power auditorium or arena loudspeaker systems. It provides clean and undistorted LF reproduction at very high SPL and enables the speaker to withstand high power levels without damage. The 21LW1400 design features include an exceptional displacement suspension system which, in conjunction with a carbon fiber reinforced straight-ribbed cone and the Double Silicon Spider (DSS), produces an ultra-linear piston action, providing full control across the entire working range. The 100mm inside outside copper voice coil, based on our Interleaved Sandwich Voice-coil (ISV) technology, reaches high levels of thermal stability and durability. ISV technology is based on a high strength fiberglass former with half the coil wound on the outside and half on the inside and bonded together using unique high temperature resin adhesives. This results in a balanced linear motor unit which can exert an exceptionally high force factor. The low distortion and unmatched sound quality of the 21LW1400 has been significantly improved by the Double Demodulating Rings (DDR) embedded in the pole piece of the magnetic structure. These have been designed to dramatically reduce the intermodulation and harmonic distortion while improving transient response at the same time. Excellent heat dissipation has been achieved using the special basket design which incorporates air channels between the basket and the magnetic top plate. In addition, 8 air vents incorporated into the back plate are aligned with the voice coil to force air into the lower part of the gap. 21LW1400 is ready to perform properly under inclement weather conditions. This has been achieved using of an exclusive treatment which improves pulp strength and gives water repellent properties to both sides of the cone. Moreover, a special treatment is applied to the top and back plate of the magnetic structure which is far more resistant to the corrosive effects of salts and oxidization than any other treatment in use.





21LW1400 8Ω

Altavoces LF - 21.0 Inches

ESPECIFICACIÓN

Diámetro nominal	533 mm (in)
Impedancia nominal	8 Ω
Impedancia minima	6.4 Ω
Manejo de potencia nominal	1000 W
Manejo de potencia continua	1600 W
Sensibilidad	99.0 dB
Rango de frecuencia	24 - 2000 Hz
Diámetro de la bobina	100 mm (4.0 in)
Material de la bobina	copper

PARÁMETROS

Frecuencia de resonancia	28 Hz
Re	5.0 Ω
Qes	0.24
Qms	9.32
Qts	0.24
Vas	385.0 dm ³ (13.6 ft ³)
Sd	1660.0 cm ² (257.3 in ²)
Xmax	9.5 mm
Mms	296.0 g
Bl	33.5 Txm
Le	2.85 mH
EBP	116 Hz

DISEÑO

Recinto recomendado	300.0 dm ³ (10.59 ft ³)
Sintonía recomendada	30 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	545 mm (21.46 in)
Diámetro de circunferencia de los tornillos	520 mm (20.47 in)
Diámetro de la perforación en el baffle	492.0 mm (19.37 in)
Profundidad	259 mm (10.2 in)
Espesor del reborde y junta	14 mm (0.55 in)
Peso neto	17.0 kg (37.48 lb)
Peso del envío	19.1 kg (42.11 lb)
Caja de envío	550 x 550 x 300 mm (21.65x21.65x11.81 in)