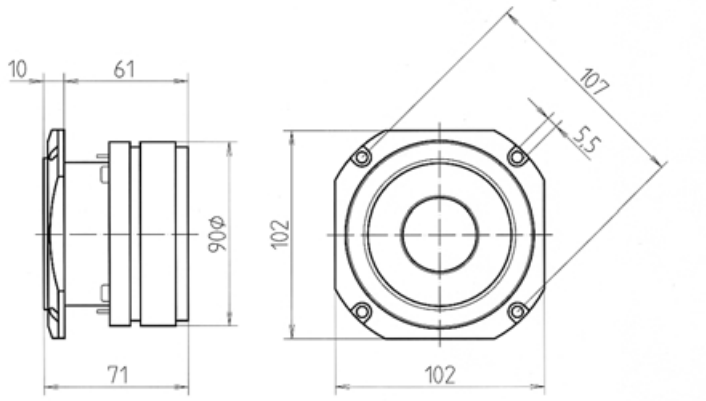
CP22
HIGH FREQUENCY COMPRESSION DRIVER

This compression tweeter is designed for use in multi-element loudspeaker systems in sound reinforcement applications that require high output, narrow controlled dispersion and long throw. This model produces a very high output level with flat response and excellent transient attack. This unit features an aluminium voice coil diaphragm assembly, which is field replaceable without soldering.

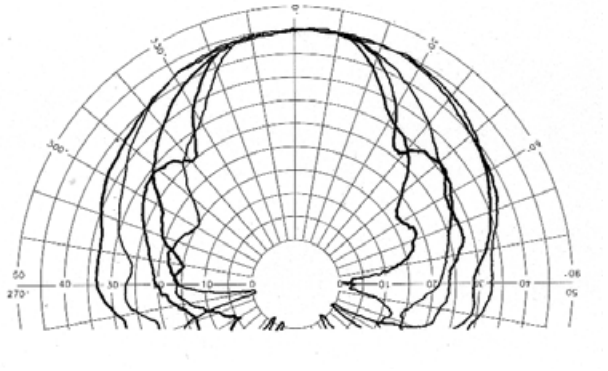
Tweeter de compresión para aplicaciones de gran alcance. Su ajustada directividad así como su rendimiento excepcional e importante potencia admisible le hacen imprescindible en aquellas aplicaciones que precisen de una presión elevada en alta frecuencia a grandes distancias.



SPECIFICATIONS

Rated impedance	8 ohms.
Minimum impedance	8.5 ohms @ 9 kHz
D.C. Resistance	6.1 ohm
Power capacity*	25 w RMS
Program Power	50 Watts.
Sensitivity**	107 dB 1w @ 1m.
Frequency range	4 - 20 kHz
Recommended crossover	5 kHz or higher
Dispersion H x V	40°conical
Voice coil diameter	37.6 mm. 1.5 in.
Magnetic assembly weight	1.2 kg. 2.64 lb.
Flux density	1.55 T
BL Factor	5.2 N/A

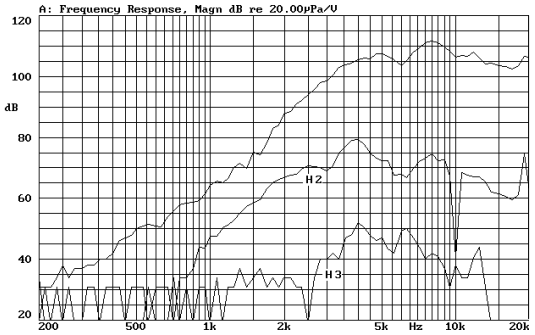
POLAR PATTERN



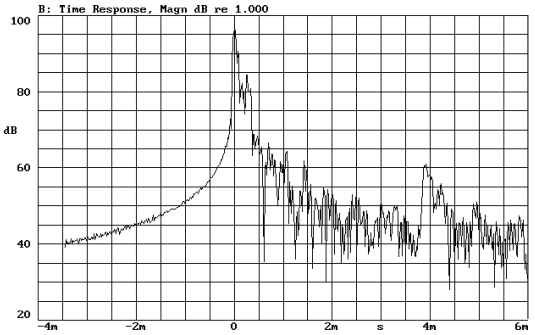
MOUNTING INFORMATION

Overall diameter	102 x 102 mm. 4 x 4 in.
Depth	71 mm. 2.79 in.
Baffle cutout dimensions	ø 92 mm. 3.62 in.
Bolt circle diameter	107 mm. 4.21 in.
Net weight	1.6 kg. 3.5 lb.
Shipping weight	1.67 kg. 3.67 lb.

FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.



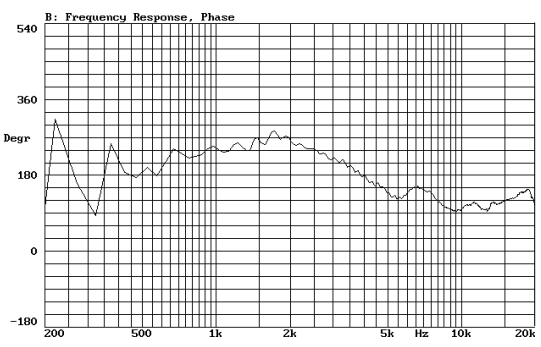
TIME RESPONSE, MAGN.



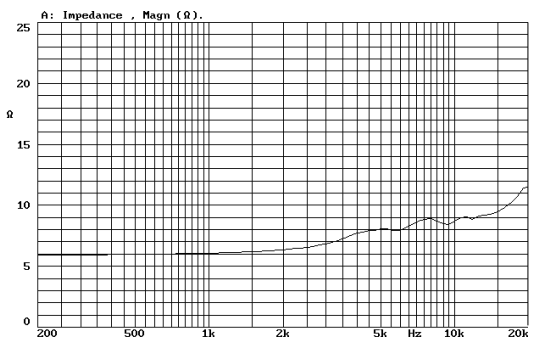
MATERIALS

Diaphragm	Aluminium
Voice coil	Edgewound alum. ribbon
Voice coil former	Kapton
Magnet	Ferrite

FREQUENCY RESPONSE PHASE. On axis, 1w @ 1m.



FREE AIR IMPEDANCE CURVE



NOTES

*The power capacity corresponds to the RMS maximum value that can dissipate the loudspeaker when a sinus signal is applied for a period of at lest two hours.
Program power is defined as the transducer's ability to handle normal music program material.
**Sensitivity was measured at 1m distance, on axis, with 1w input, averaged in the range 3-15 kHz.

NOTAS

* La potencia admisible corresponde a la máxima potencia RMS que puede disipar el altavoz durante al menos dos horas, cuando se le aplica una señal determinada. Por potencia programa se entiende la capacidad de altavoz en el manejo de señales transitorias como sería el proporcionado por el contenido de un pasaje musical normal.
**Medición realizada con el micrófono a 1 m de distancia, en el eje, aplicando 1w al altavoz, promediando en el rango 1-7 kHz.