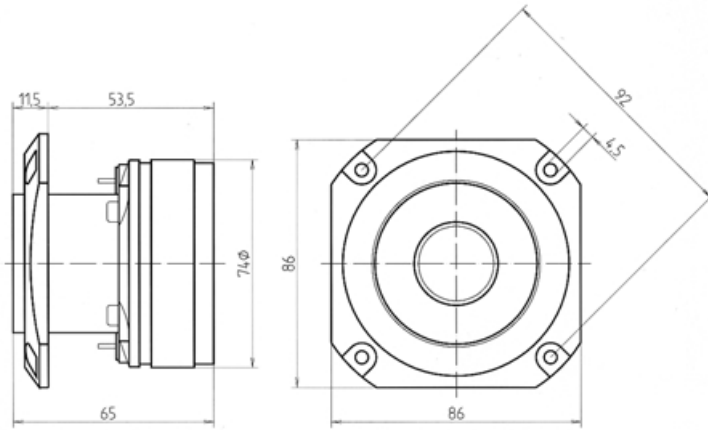


CP16
HIGH FREQUENCY
COMPRESSION
DRIVER

This compression tweeter is designed for using 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.

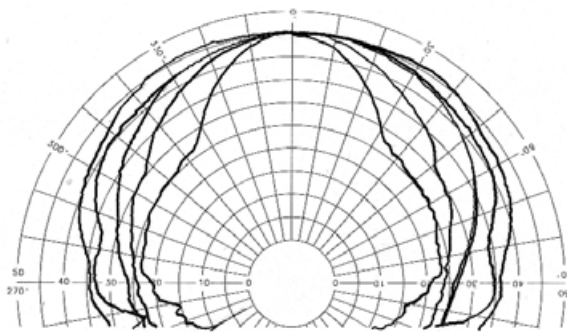
Tweeter de compresión de pequeño tamaño, pero de grandes prestaciones. Se caracteriza por una directividad pronunciada, para aplicaciones en exteriores que precisen de un buen nivel de presión acústica en alta frecuencia.



SPECIFICATIONS

Rated impedance	8 ohms.
Minimum impedance	8.5 ohms @ 10 kHz
D.C. Resistance	7.3 ohm
Power capacity*	15 w RMS
Program Power	30 Watts.
Sensitivity**	105 dB 1w @ 1m.
Frequency range	3 - 20 kHz
Recommended crossover	6 kHz or higher
Dispersion H x V	40° conical
Voice coil diameter	25.8 mm. 1 in.
Magnetic assembly weight	0.66 kg. 1.45 lb.
Flux density	1.45 T
BL Factor	4 N/A

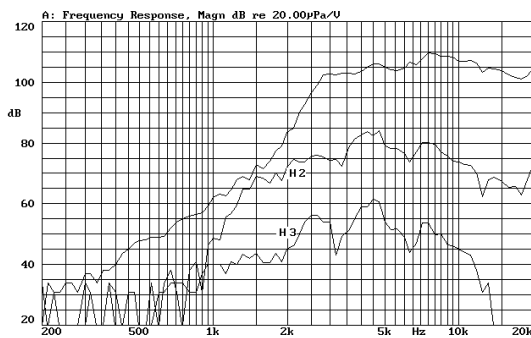
POLAR PATTERN



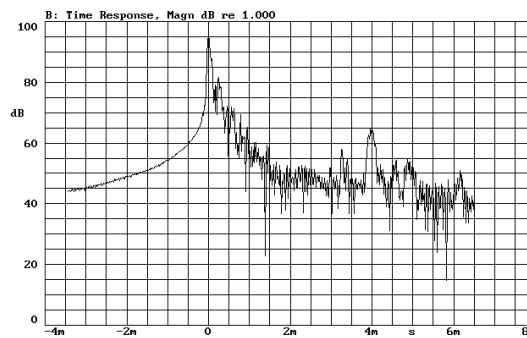
MOUNTING INFORMATION

Overall diameter	86 x 86 mm. 3.38 x 3.38 in.
Depth	65 mm. 2.56 in.
Baffle cutout dimensions	ø 75 mm. 2.95 in.
Bolt circle diameter	92 mm. 3.62 in.
Net weight	0.76 kg. 1.67 lb.
Shipping weight	0.8 kg. 1.76 lb.

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



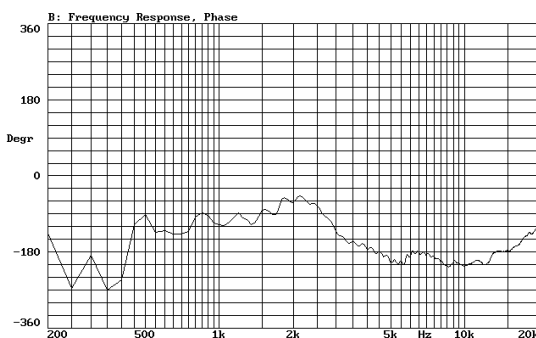
TIME RESPONSE, MAGN.



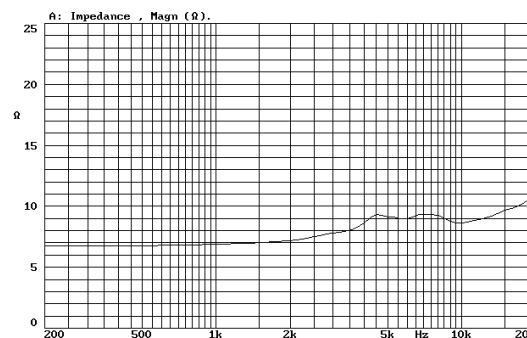
MATERIALS

Diaphragm	Aluminium
Voice coil	Copper
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 least 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.