

### KEY FEATURES

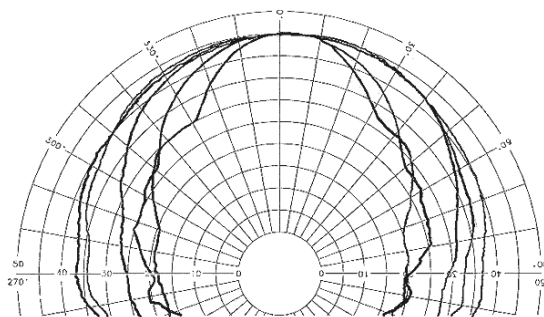
- 1" (25.8 mm) edgewound aluminium ribbon voice coil
- Great power handling: 15 w AES
- Similar model to the CP 16, with higher sensitivity: 107 dB
- Designed for outdoor applications, semi-professional systems and high fidelity designs.



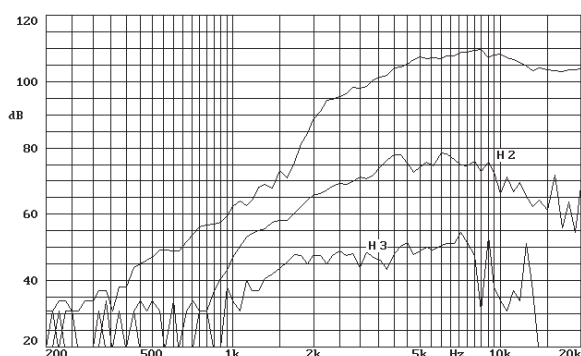
### GENERAL DESCRIPTION

The model CP 12/N is a professional lightweight compression tweeter, featuring an aluminium voice coil-diaphragm assembly. This device has a smooth response in all its frequency range with an incredibly high sound pressure (107 dB), as well as a narrow controlled dispersion for long throw applications. This model is well suited for use in two or three-way compact size enclosures. The diaphragm assembly is field replaceable without soldering.

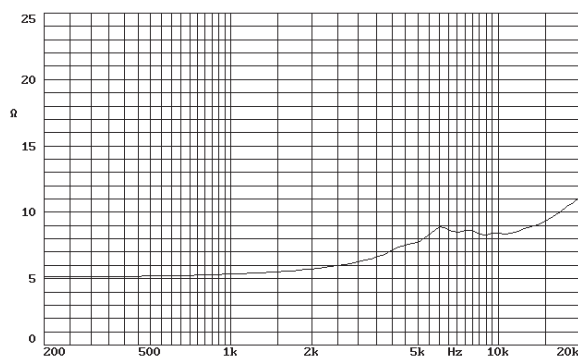
### HORIZONTAL POLAR PATTERN



### FREQUENCY RESPONSE AND DISTORTION CURVES



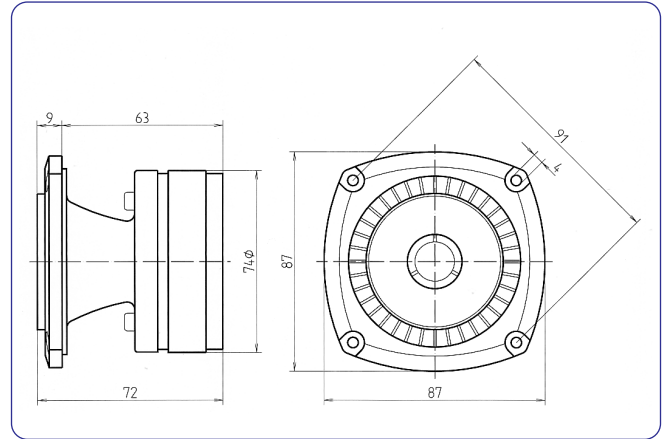
### FREE AIR IMPEDANCE CURVE



### TECHNICAL SPECIFICATIONS

|                          |                        |
|--------------------------|------------------------|
| Rated impedance          | 8 ohms.                |
| Minimum impedance        | 8 ohms. @ 8 kHz        |
| D.C. Resistance          | 5 ohms.                |
| Power capacity*          | 15 w AES               |
| Program Power            | 30 w                   |
| Sensitivity**            | 107 dB 1w @ 1m.        |
| Frequency range          | 3 - 20 kHz             |
| Recommended crossover    | 6 kHz, 12 dB/oct. min. |
| Dispersion H x V         | 40° conical            |
| Voice coil diameter      | 25.8 mm. 1 in.         |
| Magnetic assembly weight | 0.7 kg. 1.54 lb.       |
| Flux density             | 1.4 T                  |
| BL Factor                | 4 N/A                  |

### DIMENSION DRAWINGS



### MOUNTING INFORMATION

|                          |             |               |
|--------------------------|-------------|---------------|
| Overall diameter         | 87 x 87 mm. | 3.4 x 3.4 in. |
| Depth                    | 72 mm.      | 2.83 in.      |
| Baffle cutout dimensions | ø 74 mm.    | 2.9 in.       |
| Bolt circle diameter     | 91 mm.      | 3.58 in.      |
| Net weight               | 0.75 kg.    | 1.65 lb.      |
| Shipping weight          | 0.85 kg.    | 1.87 lb.      |

#### Notes:

\*The power capacity is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

\*\*Sensitivity was measured at 1 m distance, on axis, with 1 w input, averaged in the range 3-15 kHz

### MATERIALS

- **Diaphragm:** Aluminium
- **Voice coil:** Edgewound aluminium ribbon
- **Voice coil former:** Nomex
- **Magnet:** Ferrite



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