

### KEY FEATURES

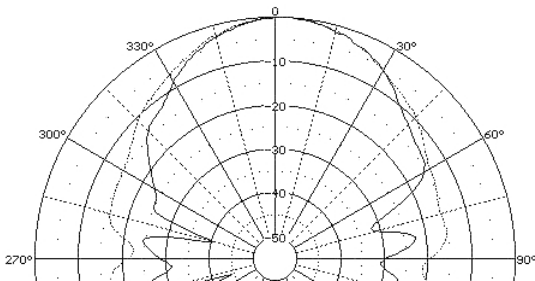
- High sensitivity: 101 dB
- Extended frequency range: 1 - 20 kHz
- Extremely linear frequency response
- Low harmonic distortion
- 1" aluminium voice coil with polyimide former
- Neodymium magnet
- Good power handling: 15 w AES above 1.5 kHz



### GENERAL DESCRIPTION

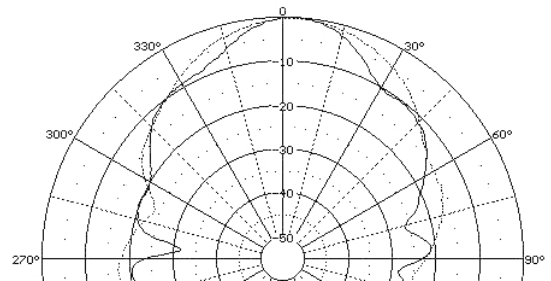
This soft dome tweeter is designed for good quality high frequency reproduction in two or three way cabinets. It features an small horn in order to improve sensitivity and control dispersion. Moreover, the use of a neodymium magnet contributes to achieve an specially high sensitivity (101 dB). In spite of this sensitivity, the distortion is maintained very low, obtaining a very clean sound. By the other hand, this tweeter can be used with a quite low crossover frequency (1.5 kHz) making it useful for many different two way applications.

#### HORIZONTAL POLAR PATTERN



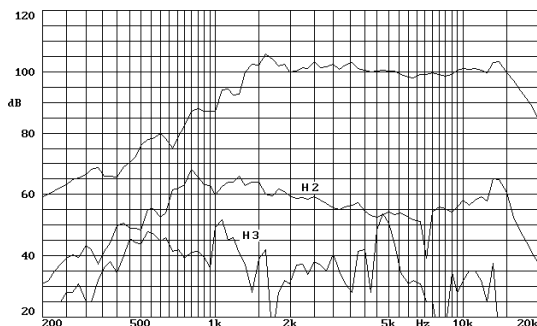
Note: Discontinuous line: 6 kHz, Heavy line: 12 kHz

#### VERTICAL POLAR PATTERN

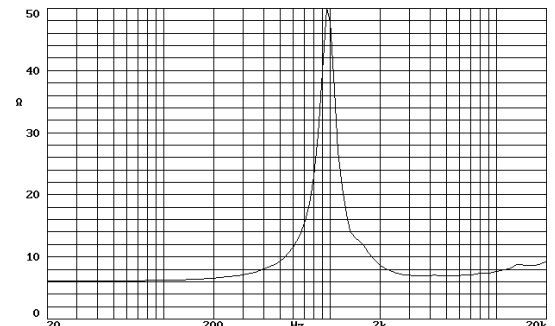


Note: Discontinuous line: 6 kHz, Heavy line: 12 kHz

#### FREQUENCY RESPONSE AND DISTORTION CURVES



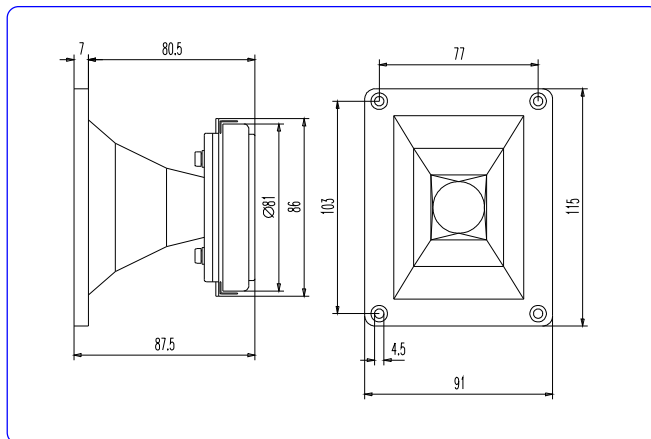
#### FREE AIR IMPEDANCE CURVE



### TECHNICAL SPECIFICATIONS

<b>Rated impedance</b>	8 ohms.
<b>Minimum impedance</b>	7 ohms. @ 3.3 kHz
<b>D.C. Resistance</b>	6 ohms.
<b>Power capacity *</b>	15 w AES above 1.5 kHz
<b>Program power</b>	30 w above 1.5 kHz
<b>Sensitivity **</b>	101 dB 1w @ 1m
<b>Frequency range</b>	1 - 20 kHz
<b>Recom. crossover</b>	1.5 kHz or higher, 12 dB/ oct. min.
<b>Dispersion H x V</b>	50° x 35°
<b>Voice coil diameter</b>	25.8 mm. 1 in.
<b>Magnetic assembly weight</b>	0.39 kg. 0.85 lb.
<b>Flux density</b>	2 T
<b>BL factor</b>	5.6 N / A

### DIMENSION DRAWINGS



**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, 1 w input, averaged in the range 3-15 kHz.

### MOUNTING INFORMATION

<b>Overall dimensions</b>	115 x 91 mm.	4.53 x 3.58 in.
<b>Depth</b>	87.5 mm.	3.45 in.
<b>Baffle cutout dimensions</b>	85 x 62.5 mm.	3.34 x 2.46 in.
<b>Net weight</b>	0.5 kg.	1.1 lb.
<b>Shipping weight</b>	0.6 kg.	1.32 lb.

### MATERIALS

- **Diaphragm:** supronyl.
- **Voice coil:** aluminium.
- **Voice coil former:** polyimide.
- **Magnet:** neodymium.