

TT25CF002, "MILLENNIUM" is a 25mm soft dome tweeter with a novel Neodymium based magnet system.

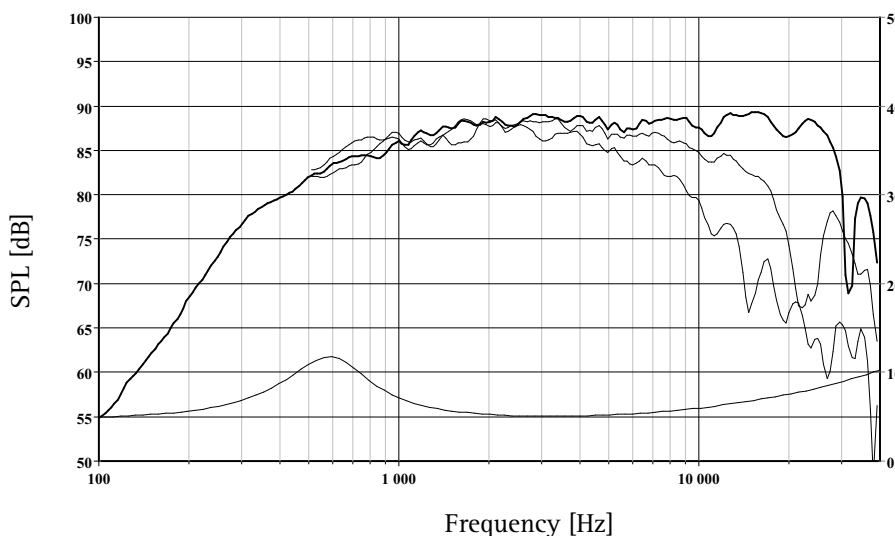
The unique HEXADYM magnet system (US Pat 6.020.805) is based on 6 radially magnetized NdFeB magnet blocks. Efficient ventilation and damping of every potential resonant cavity behind the dome, surround and voice coil. Moderate magnetic stray fields present no problems in AV installations.

Generously underhung voice coil (+ and - 0.5mm) ensures low distortion even with low crossover frequencies.

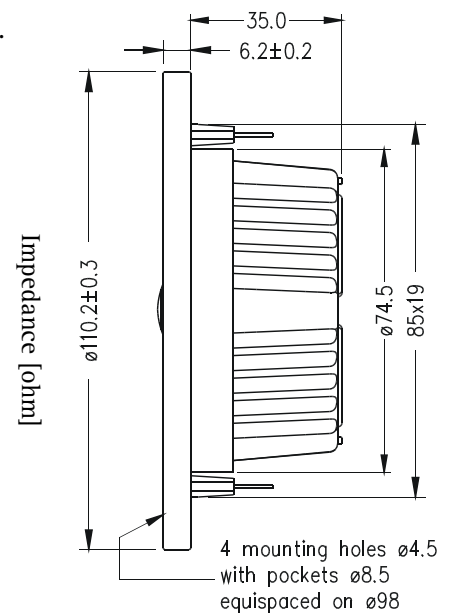
Optimally shaped and coated fabric dome diaphragm manufactured by SEAS from SONOTEX for excellent performance and consistency.

Flexible lead-out wires ensure a good connection between voice coil and terminals. This arrangement also helps to prevent lead breakage due to the large excursions encountered when low crossover frequencies are used.

6,0 mm injection moulded zinc front plate with a very slight loading characteristic which ensures linear frequency response, and a stiff and stable connection to the cabinet. A substantial injection-moulded rear chamber made from zinc eliminates unwanted chamber all resonances and conducts heat away from the magnet system.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 VRMS, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.



Nominal Impedance	6 Ohms	Voice Coil Resistance	4.6 Ohms
Recommended Frequency Range	2000 - 25000 Hz	Voice Coil Inductance	0.05 mH
Short Term Power Handling *	200 W	Force Factor	3.1 N/A
Long Term Power Handling *	90 W	Free Air Resonance	500 Hz
Characteristic Sensitivity (2.83V, 1m)	89 dB	Moving Mass	0.37 g
Voice Coil Diameter	26 mm	Effective Piston Area	7.0 cm ²
Voice Coil Height	1.5 mm	Magnetic Gap Flux Density	1.5 T
Air Gap Height	2.5 mm	Magnet Weight	0.029 kg
Linear Coil Travel (p-p)	1.0 mm	Total Weight	0.36 kg