

27TAC/GB is a High Definition metal dome tweeter with a wide, soft textile surround and a rear chamber.

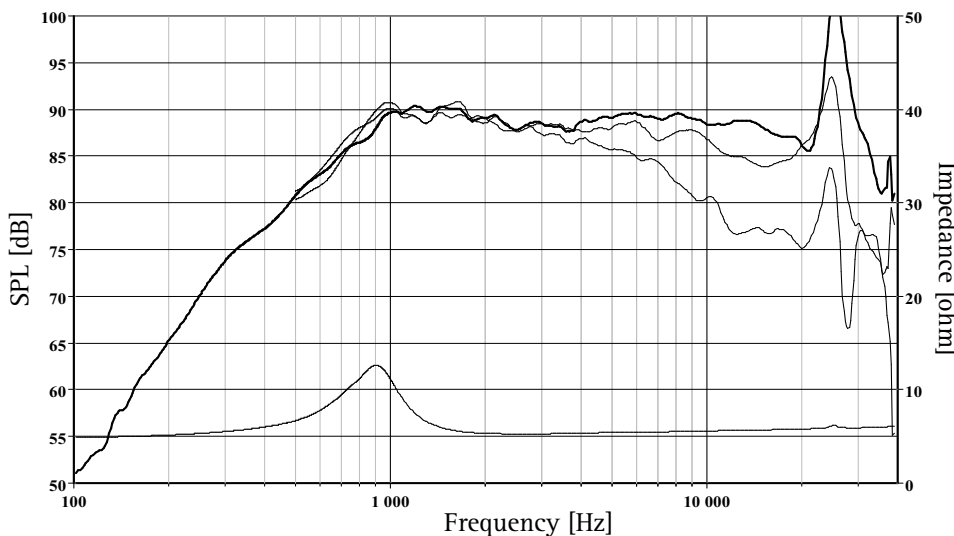
Anodized aluminium alloy diaphragm with pistonic behaviour throughout the audible frequency range, resulting in a good dispersion also above 10kHz. A Hexagrid protects the diaphragm.

Sonomex surround for low resonance and excellent mechanical linearity.

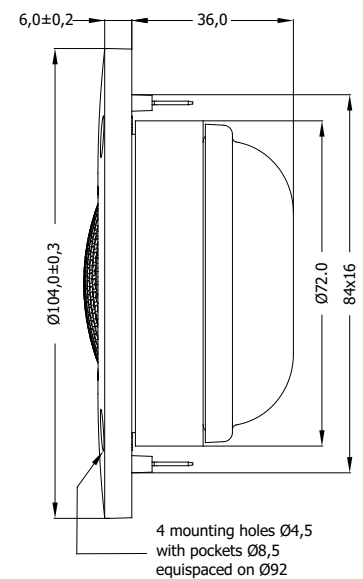
Titanium voice coil former for optimum transfer of force from coil to dome. The non-conductive former also doesn't add any damping to the excursion to allow a very transient sound.

Copper cap in the magnet system reduces distortion and voice coil inductance, resulting in a sound without colorization.

Optimised rear chamber and internal damping for a smooth and resonance free response.



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.



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|--|-----------------|---------------------------|---------------------|
| Nominal Impedance | 6 Ohms | Voice Coil Resistance | 4.7 Ohms |
| Recommended Frequency Range | 1800 - 20000 Hz | Voice Coil Inductance | 0.01 mH |
| Short Term Power Handling * | 240 W | Force Factor | 2.6 N/A |
| Long Term Power Handling * | 180 W | Free Air Resonance | 830 Hz |
| Characteristic Sensitivity (2.83V, 1m) | 89 dB | Moving Mass | 0.36 g |
| Voice Coil Diameter | 26 mm | Effective Piston Area | 7.3 cm ² |
| Voice Coil Height | 1.6 mm | Magnetic Gap Flux Density | 1.4 T |
| Air Gap Height | 2 mm | Magnet Weight | 0.25 kg |
| Linear Coil Travel (p-p) | 0.4 mm | Total Weight | 0.5 kg |