

Key features:

- SMOOTH FREQUENCY RESPONSE IN WORKING RANGE, VERY LOW HARMONIC DISTORTION
- COMPACT DESIGN WITH INTEGRATED WAVEGUIDE
- BEST USE IN HIGH PERFORMING HI-FI AUDIO SYSTEMS

Design notes:

Introducing our Air Motion Transformer AMT2838, meticulously engineered to elevate the auditory experience in high-fidelity audio products. Designed to be the pinnacle of sound reproduction, the AMT2838 delivers ultra-clean, detailed, and well-defined mid to high-frequency sound, setting a new standard in audio excellence.

Crafted with precision manufacturing,

stringent quality control processes, and advanced glue dispensing techniques, our AMT2838 is engineered for long-term durability and unwavering performance, ensuring that the product in your hands is synonymous with reliability and stability.

The AMT2838, magnetic system provides a robust B field to the formed diaphragm, enhancing its overall per-

formance and contributing to its exceptional sound output. The diaphragm assembly is a marvel in engineering, featuring polyimide foils encapsulating aluminum conductive film. Our innovative high-precision forming technique ensures that each diaphragm is crafted with a high degree of repeatability, enhancing unit-to-unit consistency and delivering stability, resulting in unparalleled audio performance.

Specifications:

General specs

Nominal Diameter: 1"

Rated Impedance: 4 ohm

Power handling

AES Power: 10 watts

Program Power: 20 watts

Peak Power: 40 watts

Voice Coil

Diameter: n/a in.

Winding wire: Aluminum

Former: kapton

T/S Parameters

Resonant frequency: 2200 Hz

Nominal sensitivity 96 dB

Re: 4 ohm

Le: n/a mH

Design details

Dome Material: n/a

Surround material: Kapton

Magnet material: Neodymium

Overall diameter: 93*68 mm

Bolt circle diameter: 77*52 mm

Throat diameter: n/a mm

Number of mounting holes: 4

Depth (front to rear): 27.1 mm

Net weight: 0.22kg

Ordering codes:

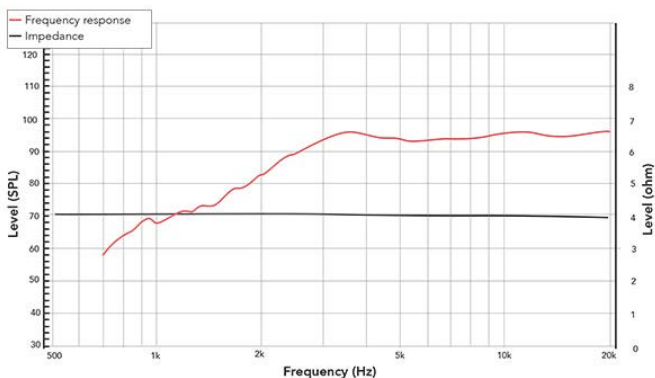
AMT2838X-541A

Recone kits:

RCAMT2838X-541A

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

Frequency response & Impedance



Frequency response measured on IAC baffle

2D drawing

