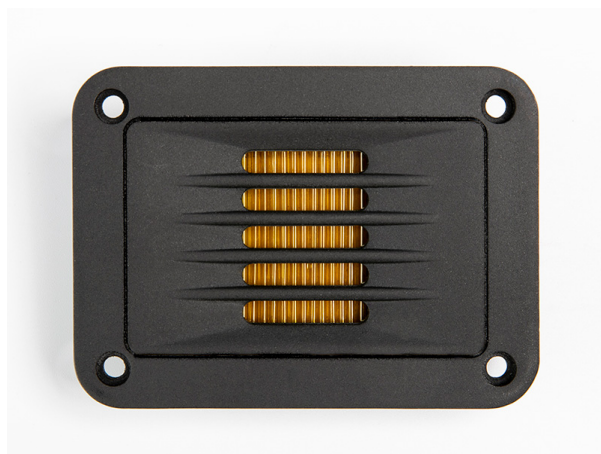




Key features:

- 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's magnetic system provides a robust B field to the formed diaphragm, enhancing its overall performance 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	
Former:	kapton

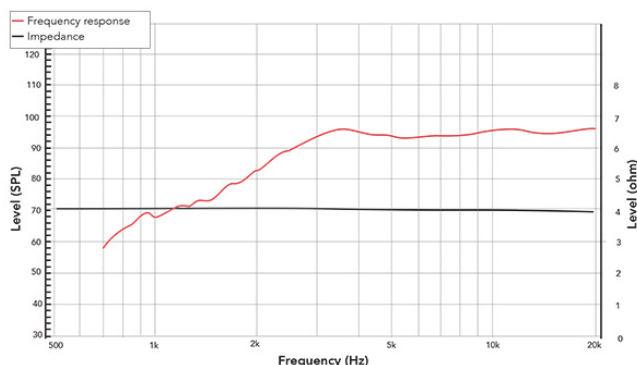
T/S Parameters	
Resonant frequency:	2200 Hz
Re:	4 ohm
Sensitivity:	96 dB

Design details	
Dome Material:	Composite
Magnet material:	Neodymium
Mounting holes:	4
Depth:	27.1 mm
Net weight:	0.22 kg

Ordering codes:	
DR-1-001-4R-B2-C0001	
Legacy code: AMT2838X4-541A	
Recone kits:	
RCAMT2838X4-541A	

In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

