

sette

A U D I O

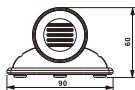
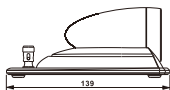
AMT-ST139

SUPER TWEETER

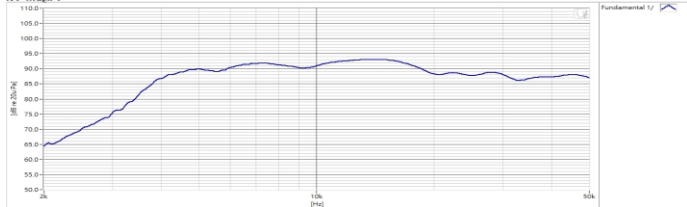
SPECIFICATIONS:

Nominal Impedance: 8 Ω
 Sensitivity: 92 dB
 Resonant Freq.: 3.5 KHz
 Freq. Response: Fo ~ 50 KHz
 Nominal Power: 15 Watts
 Max Power: 30 Watts
 Diaphragm: Kapton+AL
 Magnet: Neodymium

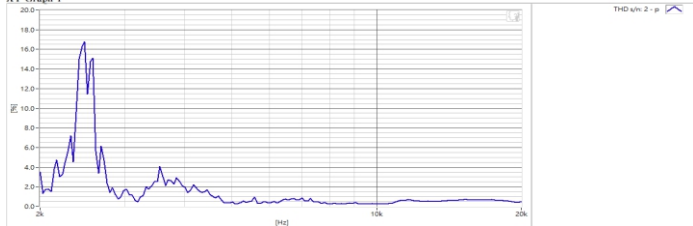
Lowest Recommend Crossover: ≥ 4.5 KHz



XY Graph 1



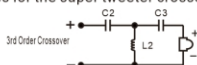
XY Graph 1



Here are the recommended adjustment guidelines for the super tweeter crossover.



Recommended capacitor and inductor values for a second-order crossover tweeter circuit			
Fc	C1 (μ F)	L1 (mH)	
1 5000 Hz	3.9 ~ 4	0.25 ~ 0.27	
2 8000 Hz	2.4 ~ 2.5	0.15 ~ 0.16	
3 12000 Hz	1.6 ~ 1.7	0.1 ~ 0.11	
4 14000 Hz	1.4 ~ 1.5	0.09 ~ 0.1	



Recommended capacitor and inductor values for a third-order crossover tweeter section			
Fc	C1 (μ F)	L1 (mH)	C2 (μ F)
1 5000 Hz	2.7 ~ 2.8	0.35 ~ 0.36	1.9 ~ 2
2 8000 Hz	1.7 ~ 1.8	0.22 ~ 0.23	1.2 ~ 1.3
3 12000 Hz	1.1 ~ 1.2	0.14 ~ 0.15	0.8 ~ 0.9
4 14000 Hz	1 ~ 1.1	0.12 ~ 0.13	0.7 ~ 0.8