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AMT-ST139

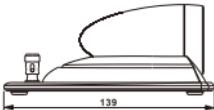
SUPER TWEETER



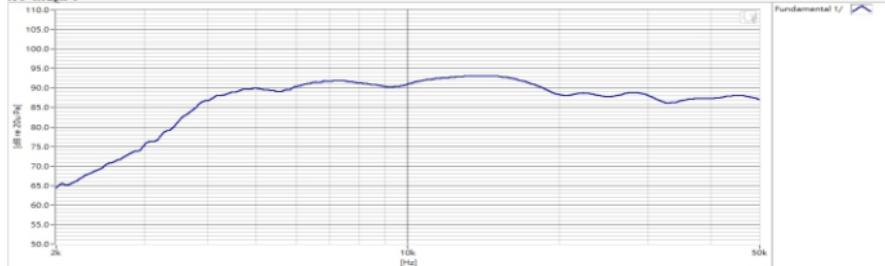
SPECIFICATIONS:

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

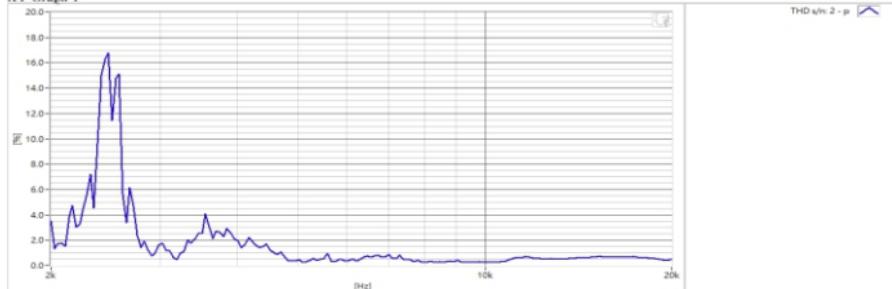
Lowest Recommend Crossover: ≥ 4.5 KHz



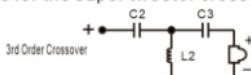
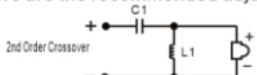
XY Graph 1



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	C (μF)	L (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 (μF)	L (mH)	C2 (μF)
1	5000 Hz	2.7 ~ 2.8	0.35 ~ 0.36
2	8000 Hz	1.7 ~ 1.8	0.22 ~ 0.23
3	12000 Hz	1.1 ~ 1.2	0.14 ~ 0.15
4	14000 Hz	1 ~ 1.1	0.12 ~ 0.13