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A U D I O

AMT-ST139

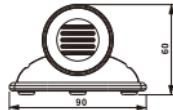
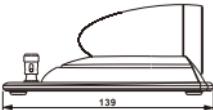
SUPER TWEETER



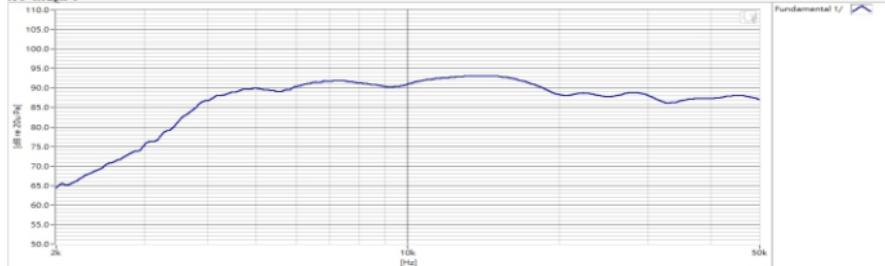
SPECIFICATIONS:

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

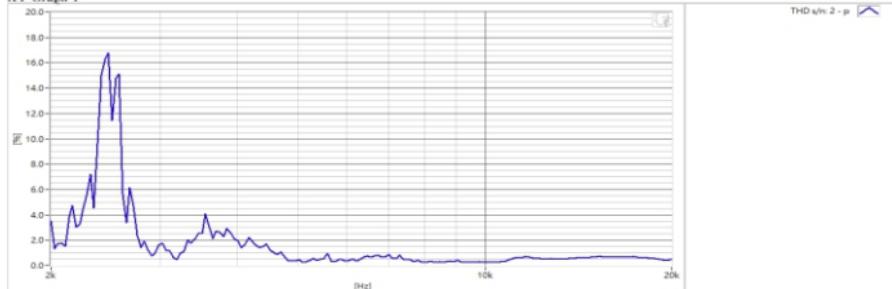
Lowest Recommend Crossover: ≥ 4.5 KHz



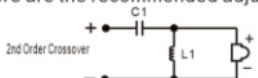
XY Graph 1



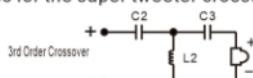
XY Graph 1



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



Recommended capacitor and inductor values for a second-order crossover tweeter circuit			
Fc	C (uF)	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 (uF)	L (mH)	C2 (uF)
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