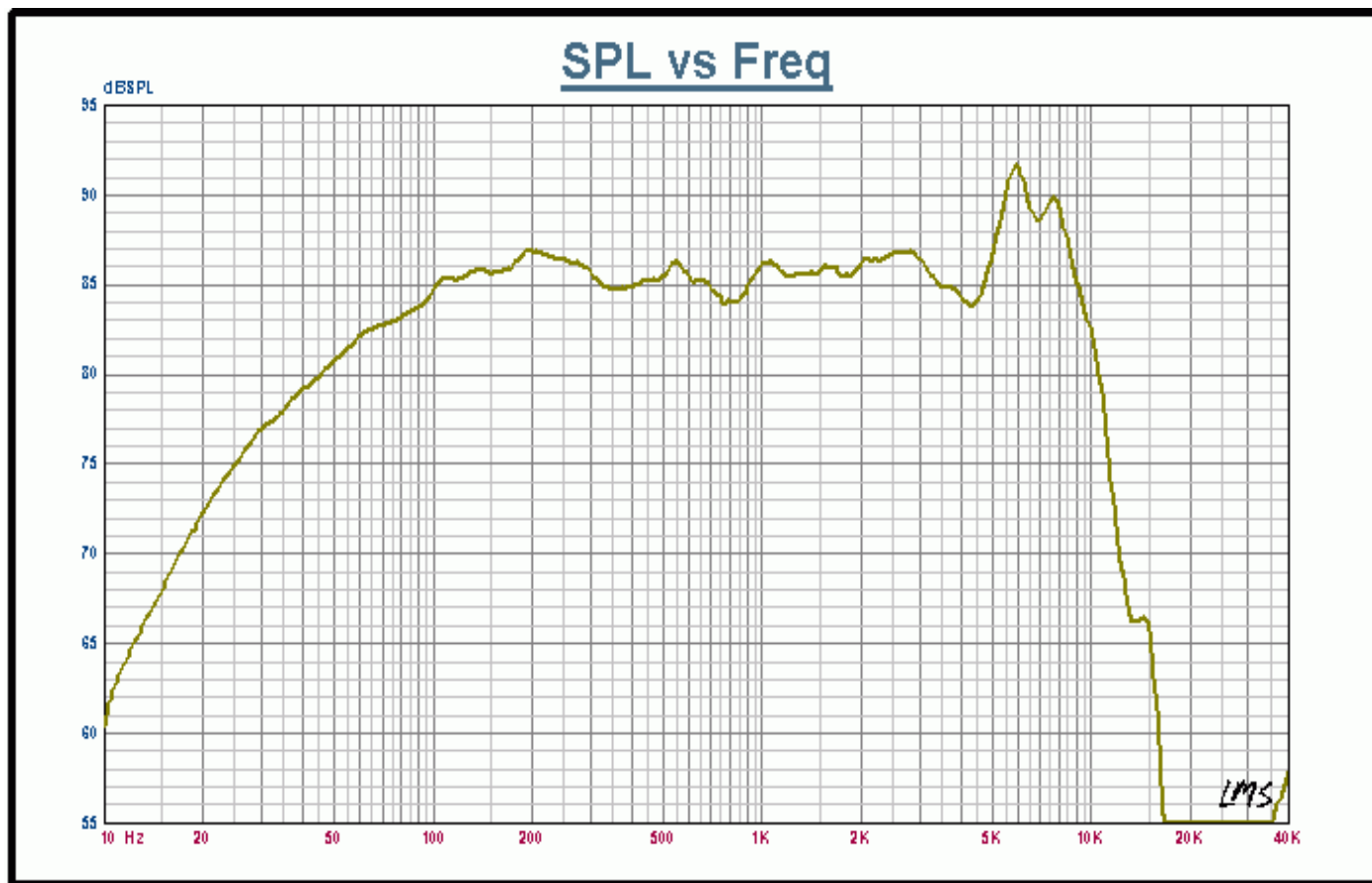


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Customer		Edition	Original edition	Revised content	Readjusting Date	Revised by
Product Model	YT5N	A				
Date	2009.2.18					
Typical characteristic						
Dimensions	127 m 5 inch		Effective Piston Diameter		Mm	Inch
Power Handling	20 W		Max Power		40 W	
Sensitivity	86 dB (2.83V/1M)		Operation		Sinewave 10 V 20 1K Hz	
Asymmetrical degree	- Hz ± dB		Frequency Range		30 - 10K Hz (-6 dB)	
Rated Impedance	8 Ω		Minimum Impedance		@ 216.428 Hz 7.074 Ω	
Distortion	≤ %		Leak magnetic		At 60 mm ≤ 0.5 GS	
Magnetic Gap Depth	Mm Inch		Xmax before damaged		Mm inch	
Electrical polarity	1 A positive DC voltage applied on the red terminal produces forward cone motion. using polarity testing instrument					
Voice coil inner diameter	25.5 Mm 1.00 Inch		Voice coil material		CCAW	
Voice Coil Winding Depth	14.5 Mm 0.57 Inch		Magnet		Kg (lb)	
Thiele - Small parameter ⁶ (/reference) (RUN) (NO RUN)						
Resonant Frequency	30Hz ± 15% at 10 mA (free air)		DC Resistance		6.5 Ω± %	
Mechanical Q Factor	8.435		Electrical Q Factor		0.453	
Total Q Factor	0.43		Half-space efficiency		0.231 %	
BL value	6.191 TM		Effective Moving Mass		10.183 g	
Effective piston area	8.659 m ²		Equivalent Cas air load		15.83 Liter	
Max linear excursion	4.75 mm		Mechanical suspension compliance		1.487 um/N	
Voice Coil Inductance	mH at1000Hz		linear excursion volume		0.39 cm ³	
mounting information & weight						
Overall Diameter	Mm Inch		Bolt Circle Diameter		Mm Inch	
Net Weight	kg (lb)		Shipping Weight		kg (lb)	
NOTE: 1. The testing environment must request to accord with IEC Standard. 2. Standard (-- Hz). The power handling of testing amplifier must be 2.5 times (or above) the whole speaker request. 3. These 4 1/3oct of average value. 4. Using the sine voltage (1/2 power handling under rated impedance) to make the sound test in effective frequency range. 5. The testing distance of the positive and negative axis is 80 mm, 45 degree and other direction is 60 mm. 6. For testing the T/S parameters of drivers must be after running 1 hour by program power under its power handling and then resuming 1 hour.						
Tabled By		Checked By		Approved By		

SPL



IMPEDANCE

