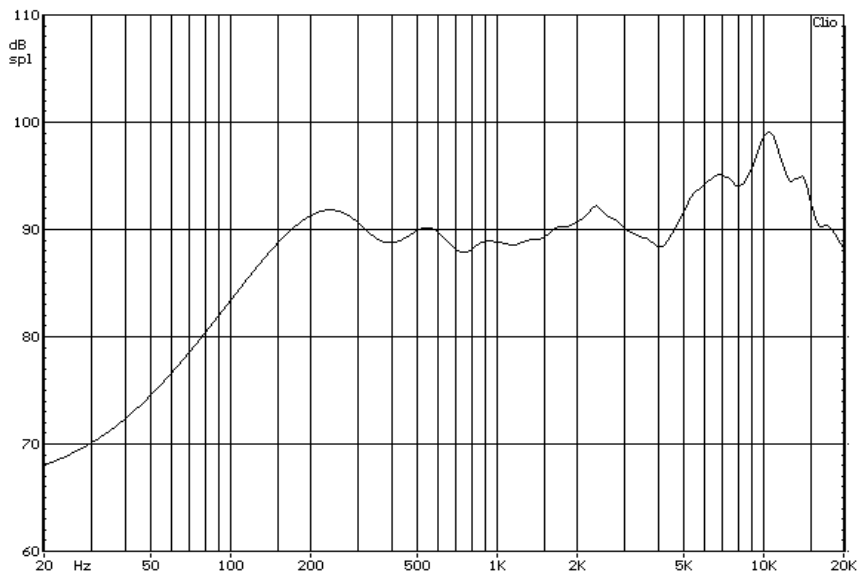



Typical Frequency Response



ITEM		SPECIFICATION	REMARKS
1	Dimensions	$\phi 66\text{mm}$	Frame Diameter
2	Impedance	$8\Omega \pm 15\%$	@ 1.0kHz/1V
3	Input Power	2W/3W	RMS/Peak
4	Lowest Resonant Frequency, F_0	$160\text{Hz} \pm 15\%$	Constant Voltage (1V)
5	SPL Output	$88\text{dB} \pm 3\text{dB}$	1.0W @0.5m avg at 0.5,0.6,0.7,0.8m (in IEC 268 - 5 baffle)
6	Effective Frequency Range	F_0 to 20kHz	at 1W/0.5m. Max 20dB
7	Total Harmonic Distortion	Max. 5%	Measured @ 1kHz/1.0W/0.5m
8	Magnet Dimension	$\phi 12.5 \times 3\text{mm}$	OD x H (Nd-Fe-B)
TESTS			
9	Operation Test	White noise of 2.0W is applied for 96h.	The speaker must meet items 5&6 after test
10	Max. Input Power	The speaker shall be exposed to white noise of 3.0W for 1min.	
11	Buzz test	4.0 Vrms applied from F_0 to 20KHz	There shall be no extraneous noise
12	Polarity	A positive DC current is applied to the terminal marked +	The diaphragm shall move forward
13	Vibration (no box)	10 sweeps of 3 minute duration from 10Hz-30Hz-10Hz (Double Amplitude - 0.75mm)	There shall be no buzz/rattle and the part shall exhibit no physical damage (rivets, weld and glue must hold, no scratches or burrs on surfaces and no peeling of paint/coating)
		10 sweeps of 3 minute duration from 30Hz-55Hz-30Hz (Double Amplitude - 0.55mm)	
14	Drop Test (in box)	Speakers properly packaged in their shipping carton are dropped on each side of the carton except the top from a height of 80cm (carton $\text{GW} \leq 10\text{kg}$) or 60cm ($10\text{kg} < \text{carton GW} \leq 25\text{kg}$)	
15	Low Temperature Exposure	The speaker shall be exposed to $-25 \pm 3^\circ\text{C}$, 50%RH for 96h with a 1h rest at room temperature.	The speaker must meet items 5&6 after test
16	High Temperature Exposure	The speaker shall be exposed to $70 \pm 2^\circ\text{C}$, 50%RH for 96h with a 1h rest at room temperature.	
17	Humidity Exposure	The speaker shall be exposed to $40 \pm 2^\circ\text{C}$, $92 \pm 2\% \text{RH}$ for 96h with a 1h rest at room	

 Stetron International Inc.		LoudSpeaker Specification $\phi 66\text{mm}$, 8Ω , Paper Cone; Nd-Fe-B Magnet, 2 W, RoHS	
SIZE	DRAWN BY	PART No.	
A		D0066008NU007AR	
SCALE	DATE	SHEET	
N/A	07-Nov-08	1 of 1	
REV	DWG No. / FILE		
0.0		DM08-016	