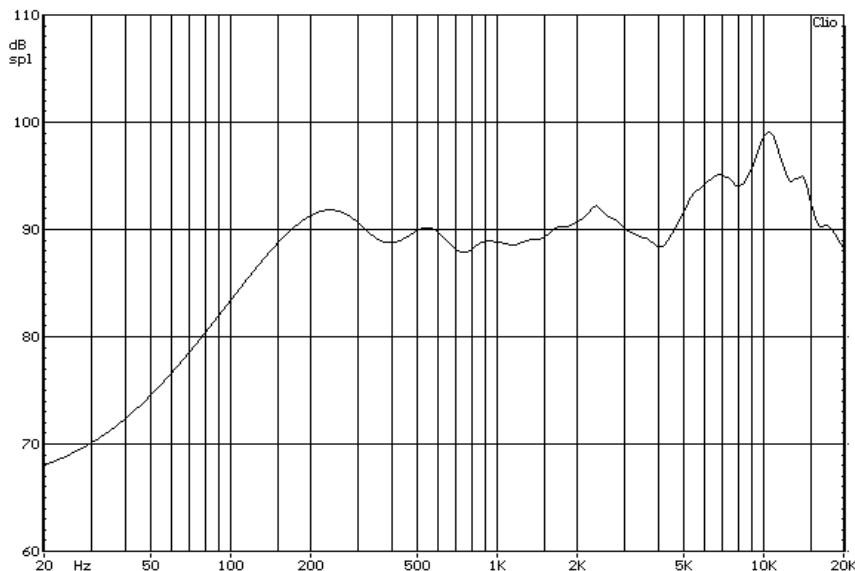


Typical Frequency Response



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	160Hz $\pm 15\%$	Constant Voltage (1V)
5	SPL Output	88dB $\pm 3\text{dB}$	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.	
10	Max. Input Power	The speaker shall be exposed to white noise of 3.0W for 1min.	The speaker must meet items 5&6 after test
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) 10 sweeps of 3 minute duration from 30Hz-55Hz-30Hz (Double Amplitude - 0.55mm)	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)
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.	
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.	The speaker must meet items 5&6 after test
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	N/A	DATE	SHEET
		07-Nov-08	1 of 1
REV	0.0	DWG No. / FILE	DM08-016