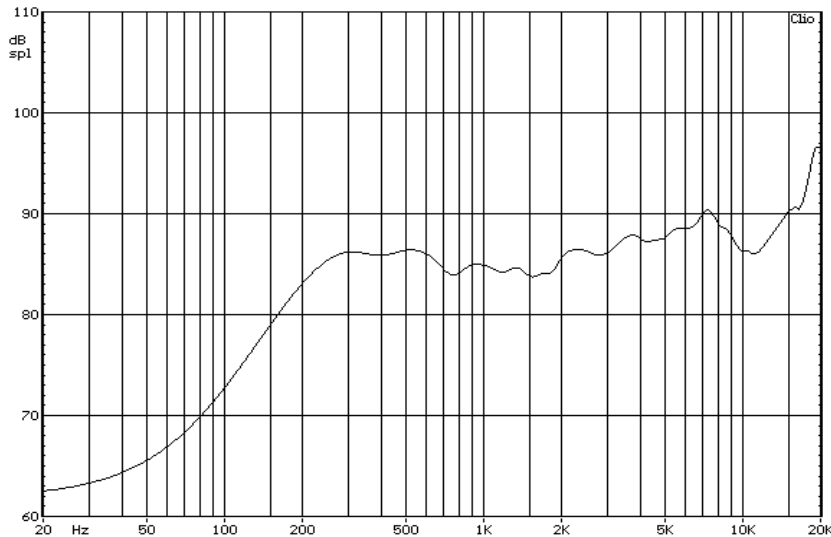



ITEM		SPECIFICATION	REMARKS
1	Dimensions	Ø36	O.D. of radiating plane
2	Impedance	4.0Ω±15%	@ 1.0kHz/1V
3	Input Power	2W/2.5W	Rated/Max
4	Lowest Resonant Frequency, F ₀	250Hz ±20%	Constant Voltage (1V RMS)
5	Output SPL	85dB ±3dB	Measured 1W/0.5m @ (0.8/1.0/1.2/1.5kHz) avg. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion	Max. 5%	@ 1W/0.5m/1.0kHz
7	Effective Frequency Range	F ₀ to 20kHz	1W/0.5m
8	Magnet Dimension	Ø12.5 x2.5 mm	OD x H
TESTS			
9	Operation Test	White noise of 2W is applied for 96h.	The speaker must meet items 4&5 after test
10	Max. Input Power	The speaker shall be exposed to white noise of 2.5W for 1min.	
11	Polarity	A positive DC current is applied to the terminal marked +	The diaphragm shall move forward
12	Buzz and Rattle	Sine wave of 2.83 V between 300Hz to 5kHz	No buzz or rattle should be audible
14	Low Temperature Exposure	The speaker shall be exposed to -25 ±3°C for 96h with a 2h rest at room temperature.	Must meet items 5 and 12 after test
15	High Temperature Exposure	The speaker shall be exposed to 70 ±2°C, 20 ~ 25%RH for 96h with a 2h rest at room temperature.	
16	Humidity Exposure	The speaker shall be exposed to 40±2°C, 90 ~95%RH for 96h with a 2h rest at room	

Typical Frequency Response



 Stetron International Inc.		LoudSpeaker Specification φ36, 4.0Ω, cloth surround Nd-Fe-B magnet, 2.0W	
SIZE	DRAWN BY	PART No.	
A		D0036004NC01FDR	
SCALE	N/A	DATE	SHEET
		08-Oct-10	1 of 1
REV	0.1	DWG No. / FILE	
		DB10-050	