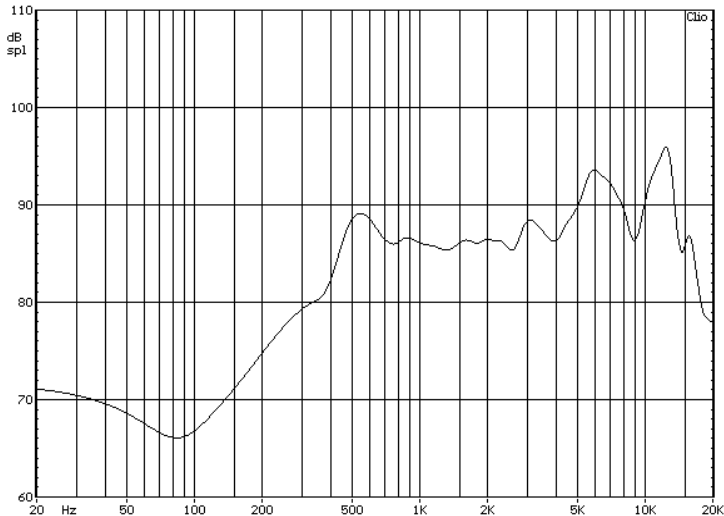


Typical Frequency Response



ITEM		SPECIFICATION	REMARKS
1	Dimensions	40.0 x 28.0 x 13.0mm	Length x Width x Height
2	Impedance	4.0Ω±15%	@ 1.0kHz/1V
3	Input Power	2W/3W	RMS/Peak
4	Lowest Resonant Frequency, F ₀	400Hz ±20%	Constant Voltage (1V RMS)
5	SPL Output	88dB ±3dB	Measured 1W/0.5m @ (0.8/0.1.0/1.2/1.5kHz) 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	See typical frequency response
8	Magnet Dimension	Φ12.5 x 3 mm Φ12.5 x 2 mm	OD x H

TESTS

9	Operation Test	White noise of 2W is applied for 96h.	The speaker must meet items 4 to 6 after test
10	Max. Input Power	The speaker shall be exposed to white noise of 3W for 1min.	
11	Polarity	A positive DC current is applied to the terminal marked +	The diaphragm shall move forward
12	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)
13	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 GW≤10kg) or 60cm (10kg<carton GW≤25kg)	
14	Low Temperature Exposure	The speaker shall be exposed to -20 ±2°C, 50%RH for 96h with a 1h rest at room temperature.	
15	High Temperature Exposure	The speaker shall be exposed to 70 ±3°C, 50%RH for 96h with a 1h rest at room temperature.	The speaker must meet items 4 to 6 after test
16	Humidity Exposure	The speaker shall be exposed to 40±3°C, 90%RH for 96h with a 1h rest at room temperature.	



Stetron International Inc.

LoudSpeaker Specification
40x28x13mm, 4.0Ω, Cloth cone
Nd-Fe-B magnet, 2W, RoHS

SIZE	DRAWN BY	PART No.
A		P4028004NC017AR
SCALE	DATE	SHEET
N/A	30-July-09	1 of 1
REV	DWG No. / FILE	
0.0		DB09-021