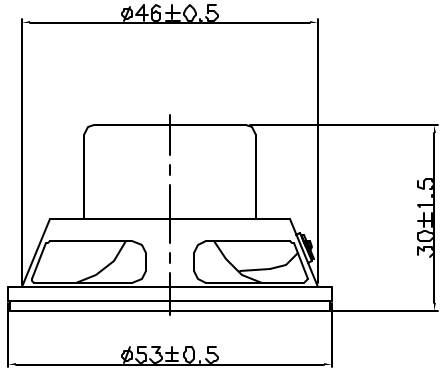
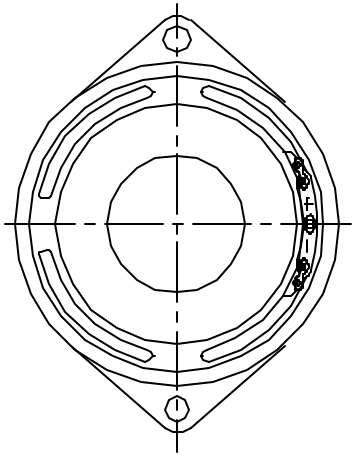
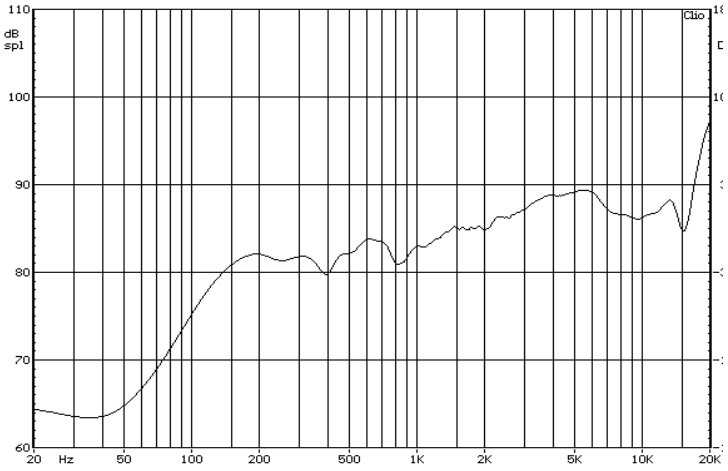




Typical Frequency Response



ITEM			SPECIFICATION	REMARKS
1	Dimensions		Ø53.0 x 30.0mm	
2	Impedance		8.0Ω±15%	@ 1.0kHz/1V
3	Input Power		3W/5W	RMS/Peak
4	Lowest Resonant Frequency, F_0		150Hz ±20%	Constant Voltage (1V RMS)
5	Sensitivity		84dB ±3dB	Measured 1W/1m @ (0.2/0.5/1.0/5.0/10.0/15.0 kHz) Avg. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion		Max. 2.5% Max. 5%	@ 1W/1m 250-15,000 Hz @ 2W/1m 250-15,000 Hz
7	Effective Frequency Range		F_0 to 15kHz	1W/1m
8	Magnet Dimension		Ø15.5 x 15. 5 x 3.0 mm	OD x H X h
TESTS				
9	Operation Test	EIA white noise of 3W is applied for 96h.		The speaker must meet items 5&6 after test
10	Max. Input Power	The speaker shall be exposed to EIA white noise of 5W 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)		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)		
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		The speaker must meet items 5&6 after test
15	High Temperature Exposure	The speaker shall be exposed to 70 ±3°C, 50%RH for 96h with a 1h rest at room		
16	Humidity Exposure	The speaker shall be exposed to 40±3°C, 90%RH for 96h with a 1h rest at room		

Stetron International Inc.

LoudSpeaker Specification
ϕ53 mm, 8 Ω, Rubber surround paper cone, Nd-Fe-B magnet, 3W, RoHS

SIZE	DRAWN BY	PART No.
A		D0053008NR028AR

SCALE	DATE	SHEET
N/A	14-Aug-07	1 of 1

REV	DWG No. / FILE
0.0	DB07-060