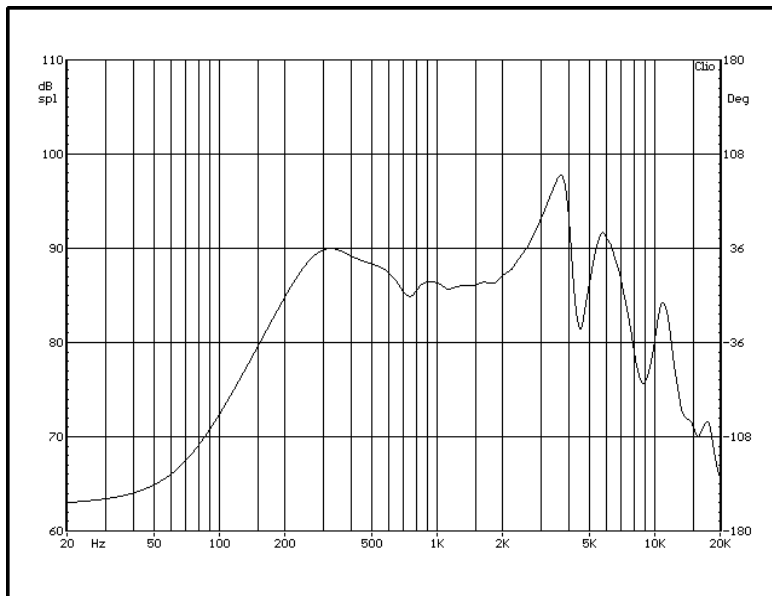



Typical frequency response curve



ITEM		SPECIFICATION	REMARKS
1	Dimensions	Ø57.0 x 18.9mm	O.D. of radiating plane x H
2	Impedance	32Ω±15%	@ 1.0kHz/1V
3	Input Power	0.5W/1 W	RMS/Peak
4	Lowest Resonant Frequency, F <sub>0</sub>	270Hz ±20%	Constant Voltage (1V RMS)
5	Sensitivity	88dB ± 3dB	Measured 1,0W/0.5m @ (0.8/1.0/1.5kHz) Avg. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion	Max.3%	@ 0.5W/1m/1.0kHz
7	Effective Frequency Range	F <sub>0</sub> to 4.0 kHz	0.5W/0.5 m
8	Magnet Dimension	Ø32 x 18X 6 mm	OD x IDx H

**TESTS**

9	Operation Test	White noise of 0.5 W 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 1 W 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)	The speaker must meet items 5&6 after test
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.	
16	Humidity Exposure	The speaker shall be exposed to 40±3°C, 90%RH for 96h with a 1h rest at room temperature.	

		<b>LoudSpeaker Specification</b> International Ø57.0x 18.9mm, 32Ω, Ferrite magnet, Inc. 0.5W	
SIZE	DRAWN BY	PART No.	
<b>A</b>		<b>D0057032FP17AAR</b>	
SCALE	<b>N/A</b>	DATE	SHEET
		<b>20-May-09</b>	<b>1 of 1</b>
REV	<b>0.3</b>	DWG No. / FILE	<b>DM08-018</b>