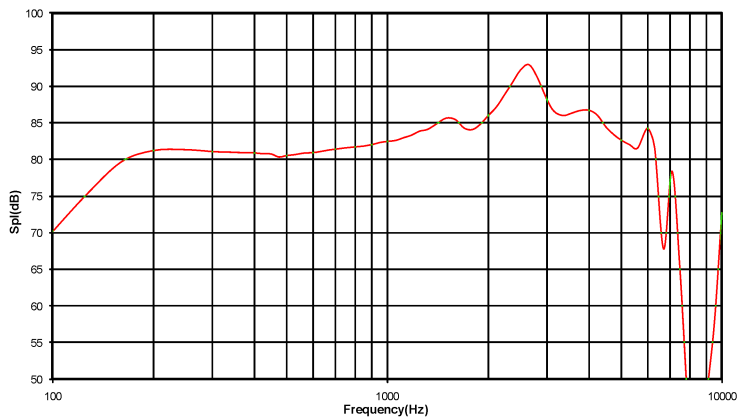



Typical frequency response(w/IEC 711 type 3.2 high leak artificial ear)



ITEM		SPECIFICATION	REMARKS
1	Dimensions	31 mm x 9.5 mm	Outside Diameter x Height
2	Impedance	90.0Ω±15%	@ 1kHz/0.948V
3	Input Power	10 mW/30 mW	RMS/Peak
4	Lowest Resonant Frequency, F ₀	200Hz ±20%	Constant Voltage (0.95 mV RMS)
5	Output SPL	86dB ±3dB	Measured @ 60 mV and 1 kHz using IEC 711 Type 3.2 high leakage artificial ear(B & K 4195)
6	Total Harmonic Distortion	Max. 5%	150 Hz- 6 kHz @ 60 mV
7	Effective Frequency Range	200 Hz to 6 kHz	See typical frequency response
8	Magnet Dimension	Φ9.5 x 1.8 mm	OD x H
TESTS			
9	Operation Test	White noise of 10 mW 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 30 mW for 1min.	
11	Buzz Test	0.95 Vrms applied from F ₀ to 10kHz	There shall be no extraneous noise
12	Polarity	A positive DC current is applied to the terminal marked +	The diaphragm shall move forward
13	Drop Test (in box)	The dynamic receiver is dropped on each from a height of 100cm at an angle of 75 degrees	There shall be no buzz/rattle and the part shall exhibit no physical damage
14	Low Temperature Exposure	The speaker shall be exposed to -25 ±2°C, 50%RH for 96h with a 2h rest at room temperature.	The speaker must meet items 5 to 6 after test
15	High Temperature Exposure	The speaker shall be exposed to 60 ±3°C, 50%RH for 96h with a 2h rest at room temperature.	
16	Humidity Exposure	The speaker shall be exposed to 40±3°C, 90%RH for 96h with a 2h rest at room temperature.	

 Stetron International Inc.		Dynamic receiver Specification 31mm, 90.0Ω, wide band enclosed 10 mW, RoHS	
SIZE	DRAWN BY	PART No.	
A		DR0031090E10FDR	
SCALE	N/A	DATE	SHEET
		24-Nov-10	1 of 1
REV	0.1	DWG No. / FILE	
		DB10-064	