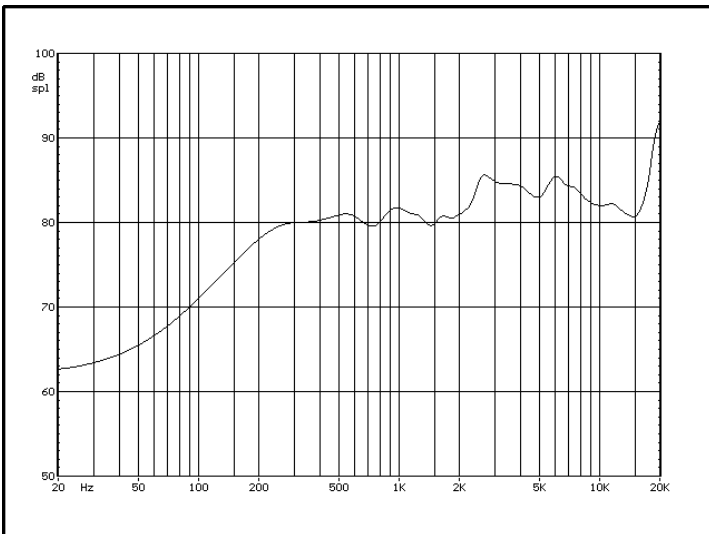



Typical Frequency Response



ITEM		SPECIFICATION	REMARKS
1	Dimensions	32mm	Outside Diameter
2	Impedance	4.0Ω±15%	@ 1.2kHz/1V
3	Input Power	2.0W/3.0W	Rated/Max
4	Lowest Resonant Frequency, F <sub>0</sub>	200 ±20%	Constant Voltage (1V RMS)
5	Output SPL	83dB ±3dB	Measured 1.0W/0.5m @ (0.8/1.0/1.2/1.5kHz) Avg. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion	Max. 5%	@1.0W/0.5m/ 1kHz
7	Effective Frequency Range	F <sub>0</sub> to 20kHz	See typical frequency response
TESTS			
8	Operation Test	Pink noise of 2.0W is applied for 100hr.	The speaker must meet item 5 after test
9	Max. Input Power	The speaker shall be exposed to white noise of 3.0W for 1min.	
10	Buzz Test	2.83 Vrms applied from F <sub>0</sub> to 2kHz	There shall be no extraneous noise
11	Humidity Test	The speaker shall be exposed to 40°C ± 2°C; 93 ±2/-3% RH for 48 hrs, then resuming @ normal atmospheric conditions for 24 hrs.	The speaker must meet requirements of appearance and buzz and rattle after test
12	Polarity	A positive DC current is applied to the terminal marked +	The diaphragm shall move forward
13	Low Temperature Exposure	The speaker shall be exposed to 1/4 pink noise power @ -10°C ± 3°C for 1Hr, depositing @ -25°C ± 3°C for 2Hrs then resuming at normal atmospheric conditions for 4 hrs.	The speaker must meet requirements of appearance and buzz and rattle after test
14	High Temperature Exposure	The speaker shall be exposed to 1/4 pink noise power @ 55°C ± 2°C for 16Hrs, depositing for 2Hrs at constant temperature, complete testing within 1 Hr after withdrawing.	The speaker must meet requirements of appearance and buzz and rattle after test

 Stetron International Inc.		LoudSpeaker Specification 32mm, 4.0Ω, Aluminum cone, 2.0W, RoHS	
SIZE	DRAWN BY	PART No.	
A		D0032004NA3F4ER	
SCALE	N/A	DATE	SHEET
		09-Nov-11	1 of 1
REV	0.2	DWG No. / FILE	
		DB11-031	