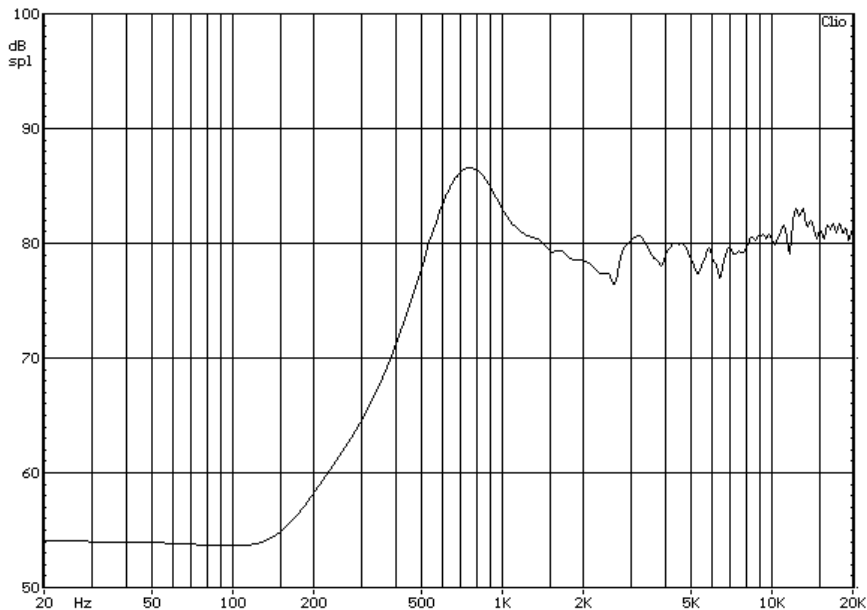



Parameter	Specification	Remarks
1. Dimensions	φ28mm	Outside Dimension of Radiating Plane
2. Impedance	8Ω ±15%	@1kHz/1.0V _{RMS}
3. Continuous/Peak Power Input	0.5W / 0.8W	RMS/Peak
4. Lowest Resonant Frequency, F ₀	750Hz ±20%	Constant Voltage (1.0V _{RMS})
5. Sound Pressure Level	82±3 dB	Test conditions at 0.5/0.5m @ (0.8/1.0/1.2/1.5) kHz in IEC 268-5 Baffle
6. Effective Frequency Range	F ₀ to 20kHz	See Typical Frequency Response Curve
7. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
8. Magnet	φ9.0 x 1.5mm	Nd-Fe-B (φD x H)
TESTS		
1. Extraneous Noise	2.0 V _{RMS} from F ₀ to 5kHz	No Buzzes or Rattles shall occur
2. Max. Input Power	1kHz Sine wave of 2.83V applied for 1 min.	All parameters must remain within specified limits
3. Drop Test	Speaker mounted in box dropped 18x from a height of 1m to a 5mm thick board	
4. Load Test	White Noise (1.0W) applied for 96h	Must meet items 2 & 6 after test
5. High Temperature Test	+70±3°C, 50%RH for 96h with 1h rest at room temperature	
6. Humidity Test	+40±3°C, 90%RH for 96h with 1h rest at room temperature	

Typical Frequency Response



 Stetron International Inc.		Loudspeaker Specifications φ28mm, 8Ω, Mylar cone, Nd-Fe-B magnet, Rated power: 0.5W	
SIZE	DRAWN BY	PART No.	
A		U0028008NM18EAR	
SCALE	N/A	DATE	SHEET
		08-Oct-08	1 of 1
REV	0.0	DWG No. / FILE	
		DB08-034	