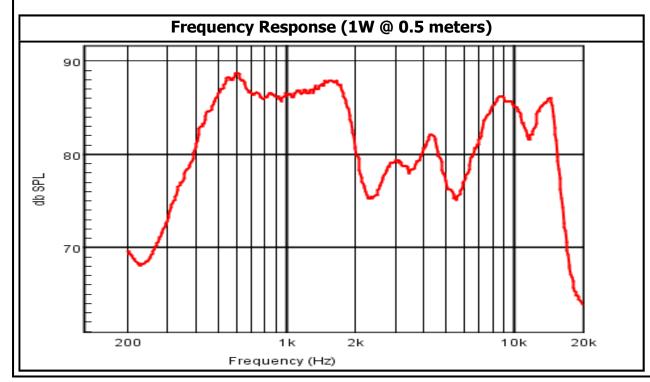


AS04008CO-2-R 40 x 20mm Speaker

3541 Stop Eight Road • Dayton, Ohio 45414

Product Overview

- 40 x 20mm oval speaker with Neodymium magnet
- 84 dB sensitivity (1W/0.5m)
- 1.5W continuous, 3W maximum power handling and 8Ω impedance
- Great for vocal reproduction

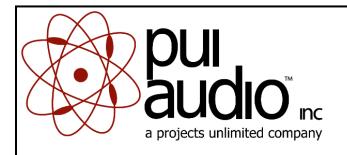








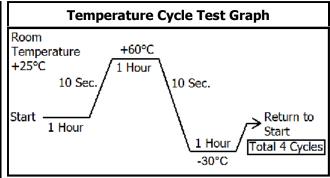




AS04008CO-2-R 40 x 20mm Speaker

Mechanical and Environment Testing	
Test Description	Test Condition
High Temperature	60°C ±2°C with random humidity for 96 hours
Low Temperature	-30°C ±2°C with random humidity for 96 hours
Humidity	40°C with 90% to 95% relative humidity for 96 hours
Vibration	1.5 mm movement modulated at 10 to 55 Hz for 2 hours
Drop Test	75 cm free fall onto concrete floor, 10 cycles
Temperature Cycle Test	-30°C to 60°C, 4 cycles (refer to Temperature Cycle Test Graph)

After tests, speaker shall rest for 1 hours. SPL shall not deviate ±4 dB from pre-test measurement.



Testing Voltage	Amplifier
1	Audio Analyzer
Measuring Distance Standard Mic B&K 4191 IEC Baffle 135 x 165 cm	B&K Type 2012
Anechoic Chamber 480x420x360 cm	

Thiele-Small Parameters		
Specification	Value	
Fo (Hz)	550	
Qes	5.68	
Qms	3.46	
Qts	2.15	
Vas (mm^3)	9.8k	
Sd (mm ²)	452	
Mms (g)	0.226	
Re (ohm)	7.4	
BL (T)	0.96	

