

pui
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AS04008PS-4W-R 40 x 28mm Speaker

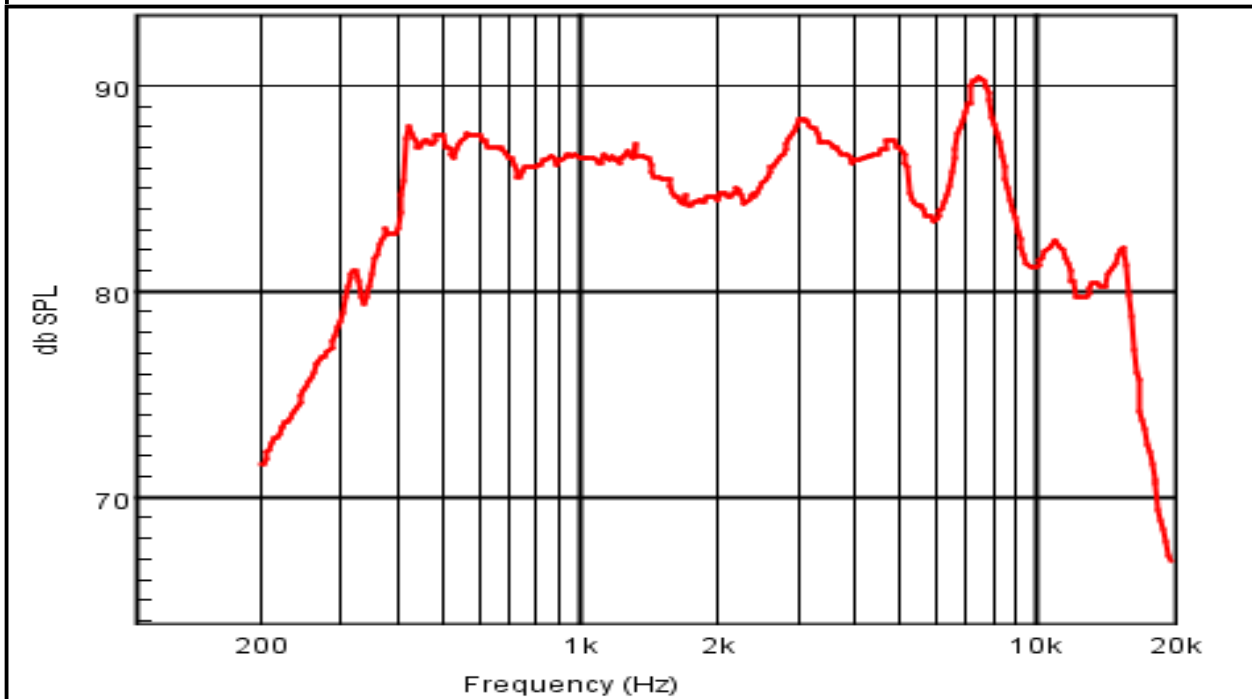


3541 Stop Eight Road • Dayton, Ohio 45414

Product Overview

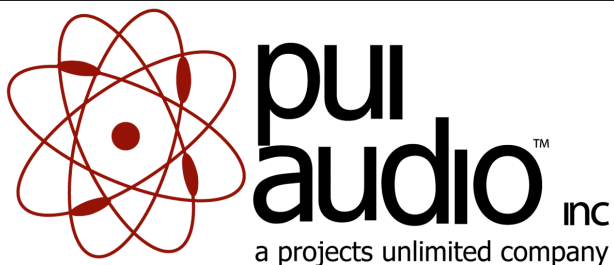
- 40 x 20mm oval speaker with Neodymium magnet
- 84 dB sensitivity (1W/0.5m)
- 2W continuous, 4W maximum power handling and 8Ω impedance
- Good for music and vocal reproduction

Frequency Response (1W @ 0.5 meters)



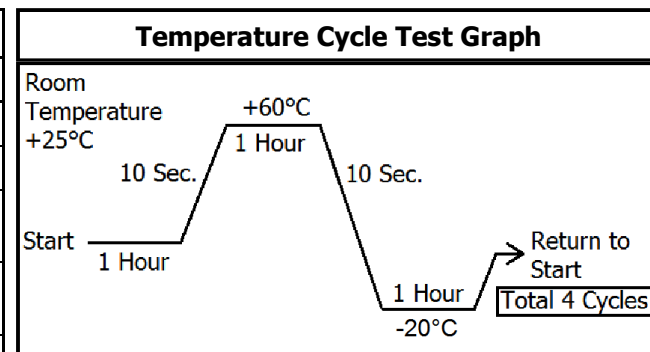
RoHS Compliant



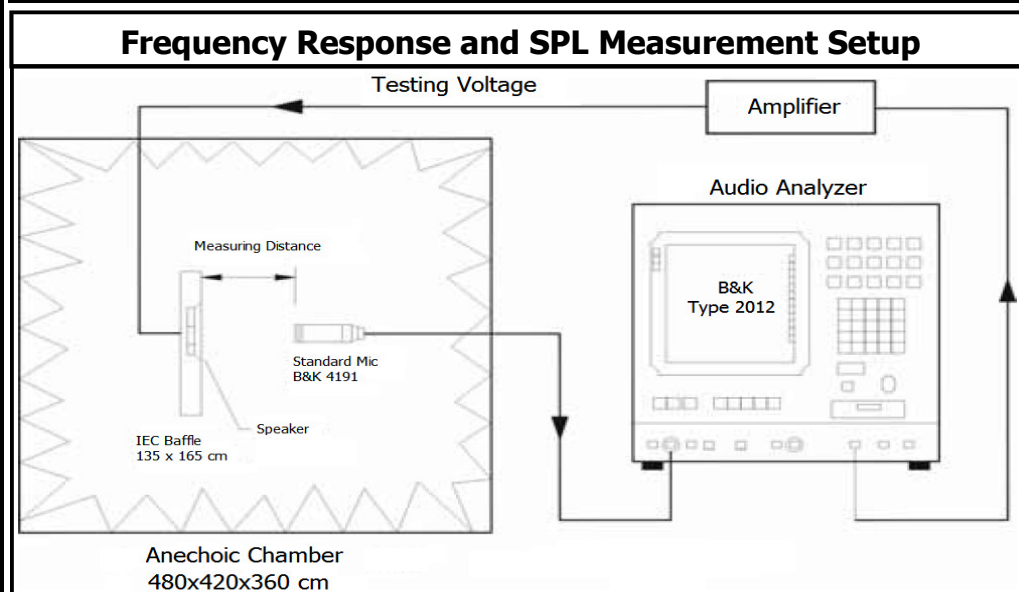


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Mechanical and Environment Testing	
Test Description	Test Condition
High Temperature	60°C ±2°C with random humidity for 96 hours
Low Temperature	-20°C ±2°C with random humidity for 96 hours
Humidity	40°C with 90% to 95% relative humidity for 96 hours
Vibration	5G constant movement modulated at 10 to 55 Hz for 2 hours each of 3 axis
Drop Test	100 cm free fall onto 20mm thick board, 6 cycles
Temperature Cycle Test	-20°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.



Thiele-Small Parameters	
Specification	Value
Fo (Hz)	380
Qes	3.65
Qms	1.44
Qts	1.03
Vas (mm ³)	17.32k
Sd (mm ²)	600
Mms (g)	0.389
Re (ohm)	7.4
BL (T)	1.32