

**pui  
audio**™ inc  
a projects unlimited company

## ADS02008MR-R 20mm Speaker

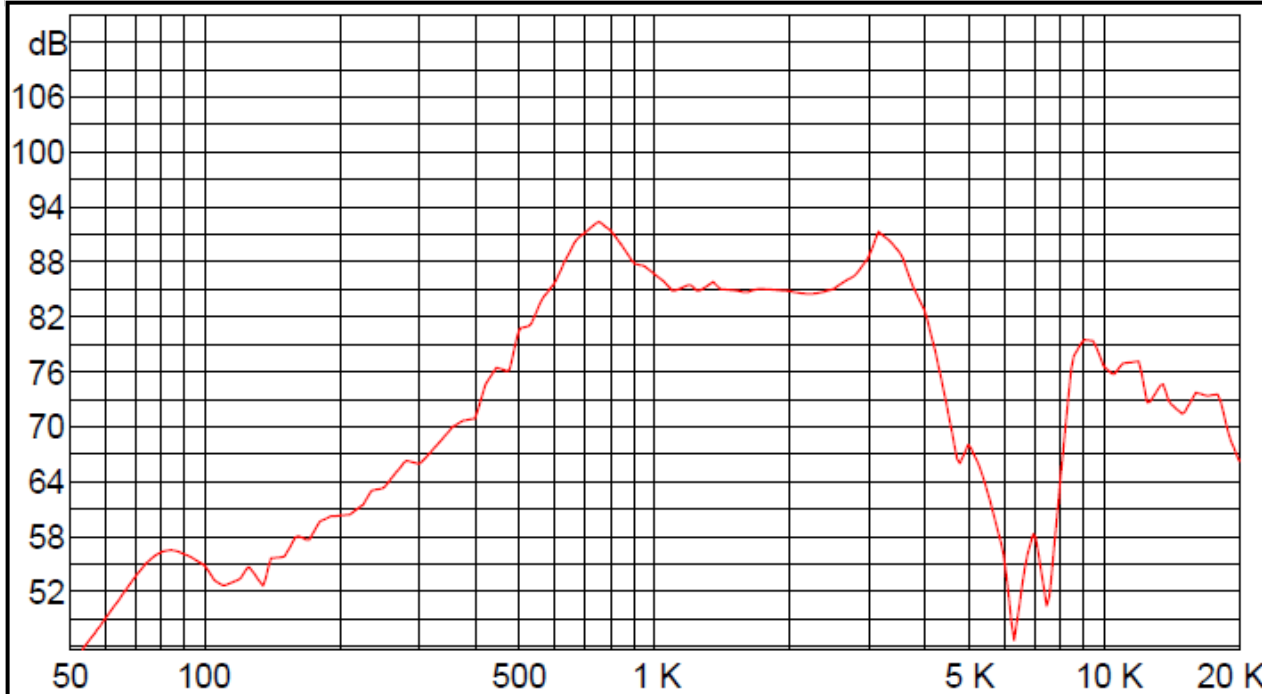


3541 Stop Eight Road • Dayton, Ohio 45414

### Product Overview

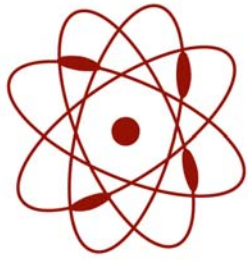
- 20mm diameter speaker with Neodymium magnet for 86 dB sensitivity
- 0.08W continuous, 0.2W maximum power handling and 8Ω impedance
- Silver polyester cone with pleated surround for great vocal reproduction

Frequency Response (0.08W @ 0.1 meter)



2011-03-07 10:00:00 AM





**pui audio**™ inc  
a projects unlimited company

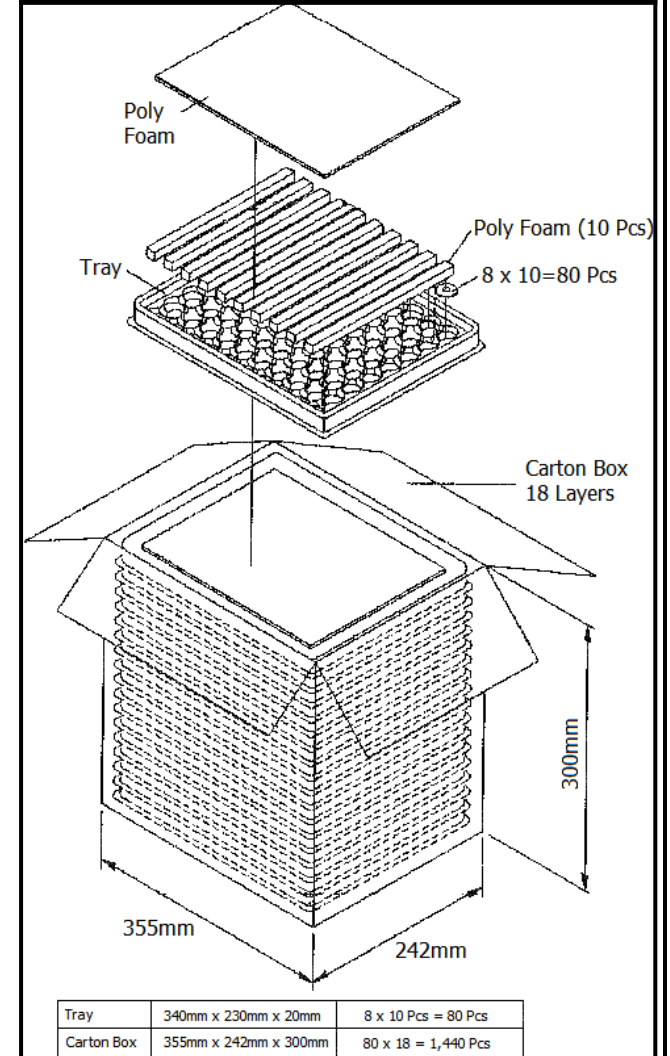
## ADS02008MR-R 20mm Speaker

### Mechanical and Environment Testing

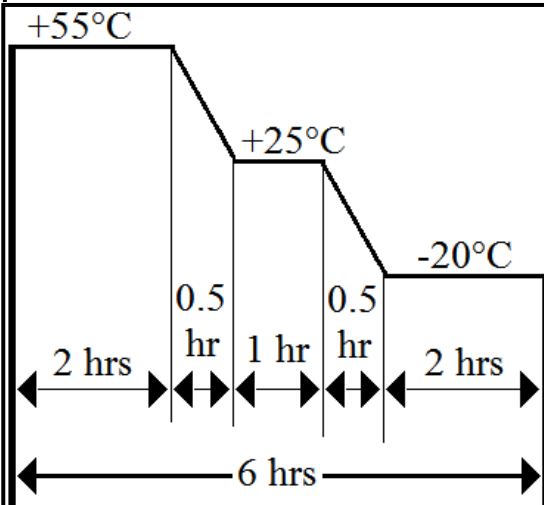
Test Description	Test Condition
High Temperature	55°C with random humidity for 96 hours
Low Temperature	-20°C with random humidity for 96 hours
Humidity	40°C with 90% to 95% relative humidity for 96 hours
Vibration	1.5 mm movement modulated at 10 to 55 Hz for 2 hours
Drop Test	75 cm free fall onto 40 mm thick board, 10 cycles
Temperature Cycle Test	-20°C to 55°C, 5 cycles (refer to Temperature Cycle Test Graph)

After tests, speaker shall rest for 1 hours. SPL shall not deviate  $\pm 3$  dB from pre-test measurement.

### Packaging Information



### Temperature Cycle Test Graph



### Frequency Response Measurement Setup

