

# JJM-001

## Home Theatre Loudspeakers

Designed, Constructed, and Tuned by  
Jonah Mueller

### Design Goals

- Full range
- Flat response
- Floor-standing
- Pleasing sound



### Specifications

- Woofer - Dayton Audio RS225-8 8" 8-inch Aluminum Cone
- Tweeter - SB Acoustics SB26STAC-C000-4 1" 1-inch Textile Dome
- miniDSP - PWR-ICE125 Digital Crossover Design
- Port - 3 x 9.5-inch - 25Hz tuning
- +/- 2 dB Frequency Response See graph below
- "Free-air" F3 - 45Hz
- F3 when placed by wall - 19.5Hz
- <1% Harmonic Distortion
- Smooth Off-Axis Roll-Off

