

## Frequency Response / Acoustic Data:

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- » Rated bandwidth: 29 Hz-25 kHz ( $\pm 3$  dB)
- » Nominal impedance: 8 ohms
- » Sensitivity: 88 dB (2.83V @ 1 meter full-space, 300-3kHz)
- » Recommended amplifier power: 20-300 watts

## Speaker Specs:

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- » Floor Standing Tower Loudspeaker
- » Black ash and piano gloss black finish options
- » 5-way binding posts
- » Triple 2" wide-flared rear-firing ports
- » Cloth grille with pin/cup retention system
- » Cabinet Dimensions: 40.5" (H) X 8" (W) X 13.4" (D)
- » Overall Dimensions: 41.1" (H) X 8" (W) X 13.9" (D) (includes grille, feet and binding posts)
- » Weight Packaged: 66 lbs (29.9 kg)
- » Weight Unboxed: 57.1 lbs (25.9 kg)

## Driver Specs:

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### 1" Aluminum Dome Tweeter:

- » FEA-optimized diffuser for airy and unveiled presentation
- » Aluminum dome for exceptional transient response

### Triple 6.5" Woofers:

- » Long stroke motor and suspension for high output
- » Polypropylene cone for excellent stiffness/mass ratio and pistonic behavior
- » Aluminum shorting ring to reduce gap inductance, lower distortion, and enhance high frequency response
- » Cast ABS-fiberglass composite basket ensures precision component alignment and excellent thermal transfer
- » Vented voice coil former minimizes air compression artifacts

### 5.25" Midrange Driver:

- » Composite glass-fiber cone with excellent stiffness/mass ratio for high sensitivity and pistonic behavior beyond pass band
- » Aluminum shorting ring to reduce gap inductance, lower distortion, and enhance high frequency response
- » Cast ABS-fiberglass composite basket ensures precision component alignment and excellent thermal transfer
- » Vented voice coil former minimizes air compression artifacts

## Crossover & Cabinet Specs:

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### Crossover:

- » 3-way crossover with premium-grade capacitors, air-core inductors and heavy-trace printed circuit boards
- » 2-piece PCB design reduces component interference
- » Tweeter-to-Midrange crossover: 2.1kHz (12 dB/octave slopes)
- » Midrange-to-Woofer crossover frequency: 300Hz (12 dB/octave slopes)

### Cabinet:

- » Separate sealed midrange enclosure with angled bracing diffuses and shifts standing waves beyond the driver pass band, improving sound quality
- » Three separate woofer enclosures with optimized port tuning frequencies for smooth and accurate bass response
- » Acoustically transparent and FEA optimized grilles minimize diffraction
- » Chamfered front baffle and flush-mounted drivers reduce edge diffraction and improved on-axis high frequency response
- » FEA-optimized cabinet and angled bracing eliminates resonances and improves cabinet rigidity for acoustically inert enclosure