

## Frequency Response / Acoustic Data:

- » Rated bandwidth: 30 Hz-25 kHz ( $\pm 3$  dB)
- » Sensitivity: 87 dB (2.83V @ 1 meter full-space, 300-3kHz)
- » Nominal impedance: 8 ohms.
- » Recommended amplifier power: 20-250 watts.

### Speaker Specs:

- » Floor Standing Tower Loudspeaker
- » Black ash and piano gloss black finish options
- » 5-way binding posts
- » Dual 1.7" wide-flared rear-firing ports
- » Cloth grille with pin/cup retention system
- » Elastomer stick-on bumper feet (adds 3mm to height)
- » Spiked metal screw-in feet included - adjustable for level
- » Cabinet Dimensions: 36" (H) X 8" (W) X 11.1" (D)
- » Overall Dimensions: 36.6" (H) X 8" (W) X 11.6" (D) (includes grille and feet)
- » Shipped Dimensions: 41.3" (H) X 14.1" (W) X 17.3" (D)
- » Weight: 40.1 pounds
- » Shipped Weight: 46.3 pounds

### Driver Specs:

#### 1" Aluminum Dome Tweeter:

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

#### 4.5" Midrange Driver:

- » 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

#### Dual 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

### Crossover & Cabinet Specs:

#### Crossover:

- » 3.5-way crossover with premium-grade capacitors, air-core inductors and heavy-trace printed circuit boards.
- » Tapered woofer array optimizes the transition to the midrange driver and reduces vertical axis lobing
- » Midrange-to-tweeter crossover: 2.1 kHz (12 dB/octave slopes)
- » Top woofer (Combined Woofer) to midrange crossover frequency: 350 Hz (12 dB/octave slopes).
- » Bottom woofer low pass frequency: 165 Hz (customized filter Q and slope)

#### Cabinet:

- » Separate sealed midrange enclosure shifts standing waves beyond the driver pass band, improving sound quality
- » 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 bracing eliminates resonances