

Frequency Response / Acoustic Data:

- » Rated bandwidth: 28 Hz-32 kHz (+/-3 dB).
- » Sensitivity: 88 dB (2.83V @ 1 meter full-space, 300-3kHz).
- » Nominal impedance: 8 ohms.
- » Recommended amplifier power: 20-300 watts.

Speaker Specs:

- » Floor Standing Tower Loudspeaker
- » Real black oak veneer and piano gloss black finish options
- » Dual gold-plated 5-way binding posts
- » 3.5" wide-flared rear-firing port
- » Cloth grille with pin/cup retention system
- » Elastomer screw-in feet - adjustable for level
- » Spiked metal screw-in feet included - adjustable for level
- » Cabinet Dimensions: 45.6" (H) x 13.8" (W) x 16.5" (D) (without grille)
- » Overall Dimensions: 45.6" (H) x 13.8" (W) x 16.8" (D) (with grille)
- » Shipped Dimensions: 50.3" (H) X 21.3" (W) X 22.3" (D)
- » Weight Unboxed: 75.4 pounds
- » Shipped Weight: 86 pounds

Driver Specs:

1" Aluminum Dome Tweeter:

- » FEA-optimized diffuser for airy and unveiled presentation
- » Aluminum dome delivers exceptional transient response and exceptional stiffness/mass ratio

6.5" Midrange Drivers:

- » 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 aluminum basket to ensure precise alignment of critical components and additional heat-sinking capacity
- » Vented voice coil former to minimize air compression artifacts at high drive levels

8" Woofers:

- » Aluminum shorting rings to reduce gap inductance and lower distortion
- » Long stroke motor and suspension for high output
- » Vented voice coil formers to minimize air compression artifacts at high drive levels

Crossover & Cabinet Specs:

Crossover:

- » 3.5-way crossover with premium-grade capacitors, air-core inductors and heavy-trace printed circuit boards
- » Unique tapered midrange array minimizes off-axis lobing and enhances radiated sound power into listening space
- » Top midrange-to-tweeter crossover: 2 kHz
- » Bottom midrange taper frequency: 700 Hz
- » Dual midrange-to-woofer crossover: 160 Hz

Cabinet:

- » Separate sealed midrange enclosures minimize top-to-bottom wall dimensions and shift standing waves beyond the driver pass band, minimizing negative driver interaction and associated frequency response degradation
- » Non-parallel cabinet panels reduces axial standing waves within the cabinet, reducing frequency response coloration
- » Acoustically transparent and FEA optimized grilles, wedge-shaped front baffle and flush-mounted drivers all contribute to reduced edge diffraction and improved on-axis high frequency response
- » FEA-optimized bracing, 1" thick midrange/tweeter baffles and 1.5" thick woofer baffles eliminates structural resonances and ensures the cabinet remains acoustically inert for uncolored response even at the highest drive levels