

Frequency Response / Acoustic Data:

- » Rated bandwidth: 45 Hz-32 kHz (+/-3 dB).
- » Sensitivity: 87 dB (2.83V @ 1 meter full-space, 300-3kHz)
- » Nominal impedance: 8 ohms.
- » Recommended amplifier power: 20-150 watts.

Speaker Specs:

- » Bookshelf Loudspeaker
- » Cabinet Dimensions: 15" (H) x 8.5" (W) x 10.6" (D) (without grille)
- » Real black oak veneer, piano gloss black, and gloss white finish options
- » Overall Dimensions: 15" (H) x 8.5" W x 10.9" (D) (with grille)
- » Dual gold-plated 5-way binding posts
- » Shipped Dimensions: 24" (H) x 20" (W) x 14" (D)
- » 1.7" wide-flared rear-firing port
- » Weight: 19 pounds
- » Cloth grille with pin/cup retention system
- » Shipped Weight: 42 pounds
- » Elastomer stick-on bumper feet (adds 3mm to height)

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 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:

- » 2-way crossover with premium-grade capacitors, air-core inductors and heavy-trace printed circuit boards
- » Crossover frequency and slopes optimized for excellent off-axis polar response, outstanding phase coherency, and total radiated sound power
- » Tweeter-to-woofer crossover: 2 kHz

Cabinet:

- » 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 reduces cabinet resonances