



# HD6

## IN-WALL LOUDSPEAKER

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### 6 1/2" 2-Way High Definition Technology In-wall Loudspeaker

- Tweeter can be rotated and pivoted
- Baffle-mounted bass and treble tone controls for acoustical adjustments

**6 1/2" In-Wall Loudspeakers****HD6**

Model	Stock Number
HD6R	FG00884

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HD6 requires 6 Series Bracket Kit for installation. Use FG00320 or FG00898 (sold separately)

HD6R includes everything required for installation

**WOOFER TECHNOLOGY**

- 6-1/2" Injection-molded TCC (talc, carbon, and ceramic-filled) polypropylene cone is extremely rigid to reduce breakup and lower distortion
- Butyl rubber cone surround damps resonance and provides exceptional durability
- High BL magnet structure with vented pole piece insures powerful bass response

**TWEETER TECHNOLOGY**

- Proprietary tweeter-adjustment mechanism ratchets in 1mm increments and then pivots for precise aiming of high frequencies
- 1" Tri-laminate Teteron dome with fluid-cooling and ultra-wide dispersion for clear and detailed high-frequencies

**SPECIFICATIONS**

- Impedance: 4 ohms or 8 ohms selectable
- Recommended amplifier power: 10W to 125W
- Frequency response: 50Hz-21kHz +/-3dB
- Sensitivity: 89dB for 2.83V pink noise
- Frame dimensions: 8-3/4" x 11-11/16"
- Hole cutout dimensions: 7-5/8" x 10-5/8"
- Depth behind wall: 3-5/8" deep (assumes 1/2" drywall)

**Warranty: Five-year limited**

**Shipping weight: 12 lbs.**

**Technology****PIVOTING RATCHETING TWEETER**

Enable installers to precisely adjust the angle of the tweeter for optimum coverage

**ADVANCED MATERIAL SCIENCE**

Elevates performance of sub component parts like woofer cones, tweeter diaphragms and crossover components

**SOPHISTICATED MOTOR AND MAGNETIC DESIGN**

Including vented pole pieces and High BL magnets for deep bass response

**IMPEDANCE MANAGEMENT**

Selectable 4 ohm or 8 ohm impedance lets installers optimize the system design

**ACOUSTIC FINE TUNING**

Bass and treble controls optimize system sound for every acoustical environment

**ANTI-RESONANT WAVE-BRACING TECHNOLOGY**

Prevents transmission of woofer vibrations to the baffle and into the drywall for clear and dynamic bass response

**Details****HOME THEATER SPECIFIC MODELS**

Deliver voice-matched cinema performance and are compatible with all HD High Definition models

**SNAP-IN SPEAKER-BAFFLES**

Greatly reduces installation time and cost

**MODULAR MOUNTING SYSTEM**

Uses innovative mounting technique to simplify installation and ensure uniform contact with wall

**BLACK BAFFLES**

Deliver a seamless appearance after the speakers are installed and the grilles are in place

**MICROPERF™ RUSTPROOF ALUMINUM GRILLES**

Are acoustically transparent yet won't rust or discolor

**DEBRIS SCREENS**

Block unwanted debris such as fiberglass insulation, sheetrock chips, or other foreign matter from coming in contact with the woofer cone

**OPTIONAL FIRE-RATED METAL ENCLOSURES**

Optimize performance and ensure code compliance

**OPTIONAL NEW CONSTRUCTION BRACKETS**

Secure loudspeaker's location and simplify installation