## IC-6 HT Thin Bezel Ceiling LCR Speaker

The ceiling speaker that excels in the starring role.

In the past, ceiling-mounted theater speakers have been somewhat of a compromise between the desire for non-intrusive looks on one hand and the need for great sound on the other. But with Atlantic Technology's IC-6 HT, all that changes. The IC-6 HT is a no-excuse, high-performance speaker perfectly suited to front-stage LCR use in a home theater. It has a discreet profile with an ultra thin bezel design and magnetically attached grilles which balances with its superb drive units and audiophile-grade crossover to give it a level of sonic refinement and detail not usually associated with ceiling speakers.

The key to its great LCR performance is its precisely-angled woofer. The woofer is angled at 15° to so it can direct the critically-important midrange and vocals right at the listening area for precise imaging and intelligibility. In addition, the 1-inch soft-dome tweeter is also "aimable," so the full frequency range of the front theater channels remains perfectly focused.

The IC-6 HT features a mica-loaded polypropylene woofer cone, rubber surround, high-temperature voice coil, advanced computer optimized crossover, gold-plated heavy-duty connectors, and simple rotating clamp mounting. All the materials are top-notch. This is the ceiling speaker that delivers "third row, center" sound.



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Angled woofer and tweeter



Gold-plated connectors

Ultra-thin bezel



Magnetically attached grilles



Baffle-mounted tone controls

- Mica-Loaded Polypropylene cone: Polypropylene has physical properties that make it ideal for loudspeaker drivers and consequently is found in many of the world's finest loudspeakers. Its combination of stiffness and strength-to-weight ratio means that it results in a more precise and defined sound reproduction.
- Soft-dome tweeter: Another feature often found in the world's finest loudspeakers. The low mass of treated cloth and its self-damping properties deliver more accurate sound with less distortion.
- Boundary compensation: This control adjusts the speaker's sound to compensate for the presence or absence of upper bass/lower midrange reinforcement on the sound that is introduced by nearby walls (a "Boundary").
- Adjustable tweeter: The tweeter in the Atlantic Technology 6 HT is "aimable," so you can direct the sound towards the listening area when using them as front theater LCR speakers.
- Stable tweeter bridge mounting: The tweeters in our ceiling loudspeakers are mounted on an extremely stable bridge rather than on a central "pole" as found in conventional designs. This mounting method is less prone to resonance and vibration than a central pole tweeter mount, resulting in cleaner sound, especially at high listening levels.

## Specifications

6.5", PPM\* cone, 1" voice coil, 22 oz magnet, bumped back plate, Woofer

vented pole piece

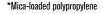
Tweeter 1" soft dome, ferro-fluid cooled, 30 degree pivot, neodymium magnet Crossover 2800 Hz, 18dB per octave crossover for tweeter and woofer sections.

Over power protection for tweeter.

**Switches** Tweeter level control, Boundary Compensation control

45Hz-22KHz Frequency Response Sensitivity 88dB 1W/1M Recommended amplifier power 10-125 watts **Nominal Impedance** 6 ohms **Cut-out size** 8" (202mm) Depth behind surface 5.04" 5 lhs

Weight (single speaker) **Optional New Construction Bracket** IC-NC-TLC-6 **Optional Square Grilles** SQ-GRILLS-6





Optional square grilles sold separately



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