

# ICTS-6 HT In-Ceiling Theater 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 ICTS-6 HT, all that changes. The ICTS-6 HT is a no-excuse, high-performance speaker perfectly suited to front-stage LCR use in a home theater. Its superb drive units and audiophile-grade crossover 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 ICTS-6 HT features a 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



Special ADT™ (anti-diffraction trim) ring ensures great off-axis response



Baffle-mounted tone controls

- **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

	ICTS-6 HT
<b>Woofer</b>	6.5", polypropylene cone, 1" voice coil, 22 oz magnet, bumped back plate, vented pole piece
<b>Tweeter</b>	1" soft dome, ferro-fluid cooled, 30 degree pivot, neodymium magnet
<b>Crossover</b>	2800 Hz, 18dB per octave crossover for tweeter and woofer sections. Over power protection for tweeter.
<b>Switches</b>	Tweeter level control, Boundary Compensation control
<b>Frequency Response</b>	45Hz-22KHz
<b>Sensitivity</b>	88dB 1W/1M
<b>Recommended amplifier power</b>	10-125 watts
<b>Nominal Impedance</b>	6 ohms
<b>Cut-out size</b>	8" (202mm)
<b>Depth behind surface</b>	5.04"
<b>Weight (single speaker)</b>	5 lbs
<b>Optional New Construction Bracket</b>	IC-NC-TLC-6