

# ICTS-6.1-IP In-Ceiling Theater Speaker

Atlantic signature sound  
at a surprising price



The Atlantic Technology ICTS-6.1 is a compact ceiling loudspeaker with big sound and high performance that will surprise even critical listeners. It features a long-excursion 6½" woofer and a pivoting 1" silk dome tweeter, coupled with a sophisticated crossover network, rarely, if ever, found on speakers in this price class. In addition, the ICTS-6.1 is fully IP-compatible, so it can be used either in whole-house IP-based systems like NetStreams or connected like a conventional speaker in regular non-IP systems.

# ICTS-6.1-IP In-Ceiling Theater Speaker



Pivoting tweeter



NetStreams™ connector



Paintable grille and frame

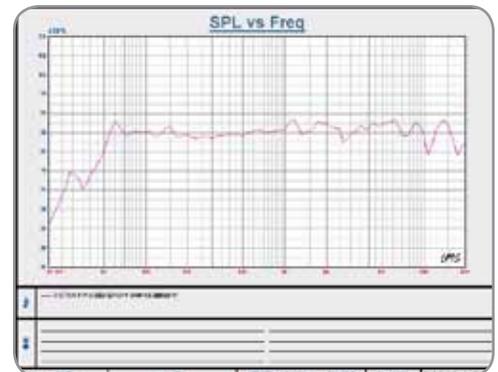
The crossover network is the speaker's electronic circuitry that splits up the incoming full-bandwidth audio signal and sends the lower frequencies to the woofer and the higher frequencies to the tweeter.

Most inexpensive speakers use a very rudimentary crossover network that only has one or two components. All these simple elements can do (usually, just a capacitor to 'block' the bass from entering the tweeter and burning it out, and an inductor to trim the excess highs from the woofer) is to crudely combine the woofer and tweeter into a "system" and give you some semblance of a full-range speaker.

A real crossover will accurately balance the drivers' output to each other and also correct for any gross response deficiencies in the drivers themselves. This requires a full network, with many electronic components—like the ICTS-6.1's crossover. This degree of refinement makes the ICTS-6.1 absolutely unique in its price class.

## Specifications

	<b>ICTS-6.1-IP</b>
<b>Dimensions</b>	8 $\frac{3}{8}$ " (220 mm)
<b>Cut-out Dimensions</b>	7 $\frac{3}{8}$ " (188 mm) Depth 4 $\frac{5}{8}$ " (118mm)
<b>New Construction Kit</b>	IC-NC-6.1
<b>In-Ceiling Back Box</b>	IC-BOX-6/8
<b>Frequency Response</b>	59 - 20kHz +/- 3dB
<b>Sensitivity</b>	88dB 1Watt/1 Meter
<b>Recommended Power</b>	10-100 Watts RMS
<b>Impedance</b>	6 ohms
<b>Woofer</b>	6 $\frac{1}{2}$ " (165mm) Polypropylene cone
<b>Tweeter</b>	1" (25mm) Pivoting silk dome
<b>Net Weight</b>	4.6 Lbs (2.1 kg)



Wide, smooth frequency response of Atlantic's 6.1 is unheard of in this price range.