

# IC-6 Object Based Audio In-Ceiling Speaker



Experience true  
immersive sound  
in your own home.

The Atlantic Technology IC-6 OBA speaker was specifically designed to be used as the “elevation” component in an Object Based Audio system such as Dolby Atmos®, Auro-3D® and DTS:X surround systems.

The Atlantic Technology research and engineering team developed the IC-6 OBA to deliver the excitement and realism of Object Based Audio encoded soundtracks with startling impact and holographic, three-dimensional realism. The IC-6 OBA's frequency response and radiation pattern have been specifically engineered to provide wide dispersion to eliminate hot spots that occur with standard in-ceiling speakers.

## **What is Object Based Audio?**

Object Based Audio adds the essential characteristic that's been missing from the home theater experience: the sense of true audible three-dimensionality. Object Based Audio-encoded movies deliver this experience like no other movie format can.

You'll get a great immersive experience, no matter what kind of Object Based Audio home theater setup you have. The audio is mixed as audio “objects” instead of traditional channels. This means that the content is not tied to any specific playback configuration. Furthermore, the technology automatically adapts the object audio to take full advantage of the number and placement of your speakers, from systems with five speakers on the floor and two speakers producing overhead sound, to a system with as many as 24 speakers on the floor and 10 speakers producing overhead sound.

Additionally, the surround up-mixer used in recently introduced A/V receivers and Processors allows for legacy channel-based content to be expanded to fill the flexible speaker layouts of an Object Based Audio system, providing a new dimension to older movies.

Atmos® is a trademark of Dolby Laboratories.  
Auro-3D® is a trademark of Auro Technologies  
DTS:X is a trademark of DTS, Inc

# Eliminate the **Hot Spots**

To best experience true object based audio, you need a speaker that is capable of creating the correct sound field. Original movie sound tracks are mixed with commercial movie theaters in mind where the sound is projected from a 30' high ceiling allowing the image to spread over a large area. This diffusion minimizes localization of the sound. Virtually all home theaters do not have the benefit of a 30' high ceiling. Therefore, one needs to use a speaker that is capable of diffusing the sound thus eliminating any localization or "hot spotting" within the room. With its design, coupled with proper orientation in the installation, the IC-6 OBA is an ideal choice to accomplish this acoustic goal.



Ultra-thin bezel



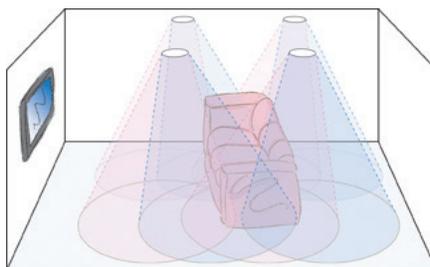
Magnetically attached grilles



Optional square grilles sold separately

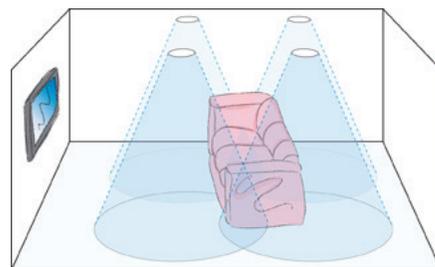
## IC-6 OBA

Diffused sound field, Eliminates Hot Spots



## STANDARD CEILING SPEAKER

Narrow sound field creates hot spots



## Specifications

**Woofers:** 6.5" mica loaded polypropylene cone, rubber surround, 1" voice coil, vented pole piece

**Tweeters:** Dual 1" silk dome, Ferro fluid cooled, Neodymium magnet

**Crossover:** 2.7 kHz, 12db per octave

**Frequency Response:** 48Hz-22kHz

**Sensitivity:** 88dB

**Recommended power:** 10-140 watts per channel

**Impedance:** 6 Ohms

**Cut-out size:** 8" (202mm)

**Mounting Depth:** 4", (10.16 cm)

**Weight:** 3.6 lbs, (1.64 kg)

**Optional Square Grill:** SQ-GRILLS-6