

**The Honeycomb Design
Nature & Technology in Harmony
The Sweet Sound of Music**



Innovative Design Concept

The *Honeycomb Speaker System* offers excellence, quality, and value in consumer electronics home audio. With its innovative hexagonal "honeycomb" cell shape, you get clear and natural stereo high fidelity. With a dynamic five-speaker, wide-angle sound driver array--the system produces big sound in a compact package.

A design mantra of simplicity and elegance is at the heart of the *Honeycomb Speaker System*. Its contemporary design blends beautifully with your home's natural decor while delivering true natural stereo sound. The durable, finely-tuned enclosure perfectly replicates accurate sound with a smooth tone and realism you can feel.

Coupling this sonic experience with the wide-dispersion sound field created by the unique honeycomb design, you have a virtual front row seat--as if you are at the recording studio, concert hall, movie theater, and sporting event.

Employing a multi-speaker cell model where all components sync together in a single, integrative force, the *Honeycomb Speaker System* belts out a wall of sound. You get exceptional dynamic range, deep clean bass, and a wide sound stage, resulting in a pleasurable listening experience.

The unique hexagonal shape from the *Honeycomb Speaker System* is not so much a modern technology, as it is really a new twist on established audio engineering science about speaker design and performance. Audio experts have concluded in their research that the hexagonal shape is among the best cabinet designs for accurate frequency response, improved phasing, reduced sound diffraction, and structural integrity.

Wonder why the honeybee creates a hive in a hexagonal "honeycomb" pattern? Efficiency, strength, and quality are the answers. These same guidelines drive the sonic quality of the *Honeycomb Speaker System*. You get high power and low distortion from a compact and efficient speaker unit.

Let's look at a bit of honeycomb history and its natural applications to the world of technology and beyond. Honeycomb structures form a perfect geometry allowing for a minimum amount of material in relation to weight and cost. There is a high strength-to-weight ratio. This cell-shaped structure provides a material with low density and high compression. This means sound that is tight and clean.

Because of the powerful properties within the honeycomb, many high-tech manufacturers in the areas of aerospace and sports utilize this technology. Whether it is rockets, jet aircraft, helicopters, gliders, snowboards, or racing shells--one thing is clear--the honeycomb factor provides a competitive advantage. The honeycomb mesh is prevalent in aerodynamics for its ability to reduce or create wind turbulence. Although square, rectangular, and circular designs are available, the honeycomb shape is preferred.

The hexagonal comb of the honeybee has been a subject of research for centuries by the philosopher and scientist. The Greek mathematician, Euclid, found that the hexagon shape is the most efficient in terms of building materials and space. Did you know that the Pantheon in Rome incorporates the honeycomb structure within its dome? Even Galileo saw the merging of art and nature with the honeycomb, calling it robust and resistant.

In addition, biologists have hopped on the honeycomb wagon. Darwin called the comb of the beehive absolute perfection in the ability to economize labor and wax. Yes, another statement relating to doing more with less. Today, we call this synergy. If you want sound that is natural, powerful, and clear to your ears, the choice is obvious--go with the *Honeycomb Speaker System*. It's what we call the sweet sound of music!