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ARCADIA



## A REFERENCE GRADE SPEAKER SYSTEM

A balanced bipolar speaker, the B.M.C. Arcadia is unique in a number of ways. Most conventional speakers have adequate depth of image in the center of the soundstage, but much less so at the sides.

The Arcadia's bipolar design dramatically improves depth at the sides of the soundstage, making for more complete and realistic sound. The speaker vanishes as a sound source and the stage is simply there: large, with depth and clear placement of every musician on the recording.



### BALANCED MEGALITH CABINET

The innovative Megalith cabinet design is elegantly slim with a series of thin raised side panels that emphasize the Arcadia's graceful vertical lines, enabling it to also fit comfortably in normal living environments.

The Megalith cabinet is made of an exclusive material: a compound of several aluminum-oxide-based ceramics with an acrylic binder. Its stiffness and internal energy loss are far better than is possible with any cabinet made of wood-based materials. Resonance-free and rigid, the cabinet is also immune to the effects of humidity and thermal elongation. In fact, the fusion of its parts is more like chemical welding; it reacts as a single, seamless piece.

Internally, the cabinet is coated with heavy, thick, deep black material, which removes the conductivity for midrange and high frequencies. The results are the most natural sound colors without any sonic signature added by the cabinet.

The cabinet is sealed, eliminating the bass-reflex resonance that can sound like the blowing of air into an empty bottle. The power of the drivers and the cabinet's low energy loss more than compensate for any loss of "oomph" in the sound.

### CROSSOVER OPEN



### SPECIFICATIONS

System	3-Way, 8 Driver
Frequency Range	30 Hz - 30 kHz
Takeover	250 / 2100 Hz
Impedance	4 Ω
Efficiency	91 dB
Dimensions (H, W, D)	120 x 28 x 52 cm
Weight	90 + 17 (crossover) kg

**MOST AUTHENTIC**



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### DRIVERS BY B.M.C. AUDIO

The Arcadia is a balanced speaker -- the same drivers are on the front as well as the rear.

This includes four 6.1-inch honeycomb-Kevlar midrange drivers in a bipolar configuration.

There are also two 11-inch side-firing honeycomb-Kevlar woofers, each driven by six neodymium magnets in a ring configuration for an exceptionally long linear excursion range. The honeycomb-Kevlar cones are light, stiff, and free of resonance and coloration.

Two Air-Motion ribbon tweeters with massive neodymium motors and light diaphragms for superb acceleration and high sound pressure capability are also part of the Arcadia bipolar configuration.

### CROSSOVER

The crossover is external, and weighs 37.5 pounds. Being separate from the main cabinet frees it from internal sound pressures and makes it easily upgradable with future solutions that improve the Arcadia's sound even further.

Also, in order to provide superior performance, B.M.C. custom crafted all the Arcadia's key elements, including its large air-core inductors, inductance-free polypropylene capacitors, and unique polystyrene "by-passers." Metal-film resistor arrays are used instead of the usual MOX or wire resistors, for superior accuracy and realism.

### AMT TWEETER



### MULTIMAGNET WOOFER



### CROSSOVER BOX

