

MARKAUDIO SOTA

HEAR OUR DIFFERENCE
Combines Italian flare with British and Asian engineering.



CESTI B

CESTI B

Markaudio-Sota loudspeakers aren't conventional.

The music is natural, detailed and voices sound real.

You can truly *Hear Our Difference.*

> Key features include:

- CNC High density fibreboard construction for maximum acoustic stability
- Custom-designed symmetric-technology wide-range drive units
- High-end finishes and 3 colour choices
- Proprietary shallow waveguide for maximum positioning flexibility

> Styling

The Cesti B was developed by Mark Fenlon and styled by Ball Chan, a young designer recognised for his growing creativity. They incorporate the Italian influences from our flagship Viotti One loudspeaker with clean, minimalist industrial design. Our lacquer finishes are produced to a standard rarely seen at this price point. Our proprietary shallow waveguide helps to guide the sound-energy into the room and provides a unique, elegant visual feature. The protective grills are mounted using small rare-earth magnets fitted under the finish, eliminating unsightly fixings and preserving the clean, elegant lines of Cesti systems should the user prefer to use them without the grills.

> Cabinet Engineering

All Cesti enclosures are constructed from high-density fibreboard giving maximum acoustic stability. The rigidity and mass of the panels are carefully balanced to avoid audible resonances and provide our custom drive-units with a solid platform. The Sota 5 high-frequency driver is isolated in its own sealed sub-chamber. The Sota 11 bass-mid works in the main vented enclosure volume. Our shallow waveguides are CNC machined into the front panel. The size and profile of these are designed specifically for the Sota drivers to maximise positioning flexibility. Cesti speakers are produced in mirrored pairs. They can be positioned with the waveguide gently dispersing sound either toward, or away from each other, allowing the owner to adjust the sound as desired without excessive angling of the cabinets.



> The Drive Units

The Cesti B uses two custom high-performance drivers. A Sota 11 bass-wide combines with a Sota 5 high frequency unit to form a near unique system. Designed by Mark Fenlon, the British engineer who created the internationally acclaimed Alpair product range, they are true wide-range drivers. Both designs can reproduce bass notes, and have high frequency extension beyond the upper limit of human hearing. Uniquely, our drivers share the same extremely shallow cone profile. We have called this our 'Symmetrical Sound Field' approach, where the drivers have the same radiating behaviour ('dispersion'). This eliminates the unnatural changes in behaviour often found when very different types of driver are used. The large radiating areas also help generate extremely realistic 'body' and 'depth' that conventional loudspeakers often struggle to reproduce. The long-throw suspension helps ensure accurate reproduction of musical peaks.



Available in 3 colours



< Black >



< Red >



< White >

Specifications

- Range 40Hz - 25KHz anechoic
- 87dB 1w @ 1m
- Dimensions: 230 x 236 x 410 mm

- 1 x Sota 5 wide-range cone tweeter
- 1 x Sota 11 wide-range cone bass-mid
- Weight (each): 8.5 KG

> The Crossover Network

The Cesti B crossover network is a low-order design using a minimal number of components to reduce electrical interference and losses. It exploits the exceptional range and symmetrical dispersion of our custom drivers by using gentle, second-order filters. These blend the output of our wide-range, symmetric-sound drivers together more naturally, and have superior power-response characteristics to the steeper filters often used.

The crossover components are mounted on a custom printed circuit board with heavy-gauge tracks for minimum losses. Polypropylene-film capacitors and two different types of inductor optimised for their functions are used. All components are made to exceptionally close tolerances.

> Frequency Response and Room Positioning

Like all Markaudio-Sota loudspeakers, Cesti B is designed to provide high quality sound across a wide arc, making it a very practical 'real world' loudspeaker. Since modern living often needs speakers to fire directly forward into the room, we have designed a lift into the high frequencies when the speaker is aimed directly at the listener. This flattens out as the listening position moves away (or 'off-axis') resulting in extended, neutral and airy treble response over a broad range of sitting positions. The balance can be easily adjusted to taste with very small changes in the angle of the speakers. We have, like many other speakers in the range, used a technique often employed in broadcast monitors and taken a small amount of energy out of the midrange. This helps provide superior depth perspective and reduces harshness on poor or heavily compressed recordings.

Cesti B, like all models in the Cesti range, uses our proprietary shallow waveguide design. Machined into the front baffle, it is designed to help give the user maximum flexibility in positioning. Cesti loudspeakers are produced in mirrored pairs, and can be used with the waveguides gently dispersing sound toward, or away from each other, as room placement and the owner prefers.

