



## SA-1.3

The SA1.3 two ways book shelf mini monitor was engineered for accurate sound reproduction that fits into limited space of modern homes and apartments. Its small size allows building multiple layers of acoustic depth, thus revealing spectacular detail and resolving subtle variations in instrumental texture.



The SA1.3 uses two drivers in a two way configuration, a 13cm. woofer made of polypropylene, and a soft dome tweeter mounted in such a way that is aligned in time domain with the woofer. The cabinet is constructed to avoid parallel walls and include rounded corners, avoiding standing waves and reducing edge diffraction effects to minimize comb filtering or "Venetian blinding" (abrupt changes in frequency response with horizontal movement).

The crossover is a first-order network for phase coherency and constant group delay. It incorporates sophisticated impedance and amplitude equalization to deliver maximum performance from each driver. Premium-quality components assure sample-to-sample uniformity (critical for good imaging) and superior sound quality. The SA1.3 meets the requirements of "minimalist" audiophile recordings that require a uniform polar response.

Mahogany-finished cabinet is extremely stiff, for minimum coloration and improved imaging. (Spurious cabinet resonances color the sound with non-musical artifacts, and tell the ear that the sound is coming from a box.). Additional damping materials on the inner walls provide further damping. All of the above makes the SA1ES an ideal loudspeaker for a small room. It may also be combined with a subwoofer to create a high performance home theatre system.

**Frequency response:**

50 Hz-20 kHz

**Recommended power (max):**

30 a 120 watts

**Sensitivity:**

88 dB/W/m

**Impedance:**

4 Ohm

**Weight:**

6 kg each

**Dimensions (height, width, depth):**

34cm x 20cm x 17.5cm

**Reviews**

· [CES 2004 report by Soundstage LIVE](#)