

The Mastering Series

Two-way, Time Coherent, Point Source Loudspeakers

Model 100M

Hybrid Monitor and Active Bass System



The 100M is a hybrid first order, two-way, time coherent, point source, monitor and active bass system that reproduces music with superior musicality, spatial presentation, dynamics, and speed.

The monitor section uses a single concentric driver array consisting of a time aligned woofer and tweeter. The array causes the woofer and tweeter to function as a point source and to have identical acoustical centers, and identical directivity at the crossover frequency. This produces a stable, symmetrical, radiation pattern with none of the drop-off in sound dispersion that is characteristic of conventional driver arrangements.

The active bass section uses a 10 inch paper cone subwoofer in a bandpass design to produce bass that has the excellent transient response of acoustic suspension designs and the dynamic ease of vented designs. The subwoofer is driven by a full featured 200 watt amplifier with active crossover, phase, and volume controls that are used to bring the Monitor and active bass section into seamless alignment.

Combined in a beautiful, innovative, cabinet design with a true minimum phase crossover network, the 100M delivers stunning performance from 26 Hz to 20,000Hz. It captures every nuance in music which allows it to accurately convey the emotionalism and spiritualism of the performance.

The Mastering Series by NSM Audio