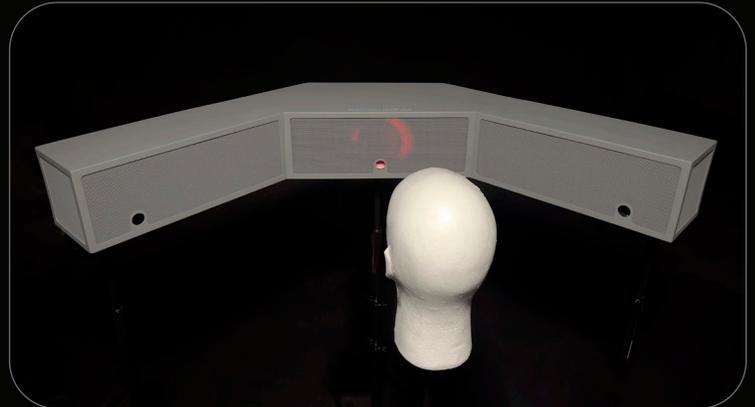


SENSIMETRICS Model A10

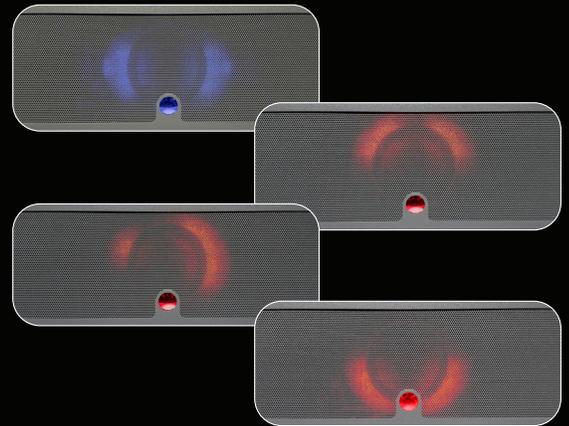
Compact Loudspeaker Array and Spatial Hearing Test System

Sensimetrics Corporation announces the development of the **Model A10** loudspeaker array system for audiometric assessment of spatial hearing. The **Model A10** was designed to be compact enough to fit unobtrusively into the corner of a sound booth while maintaining accurate interaural acoustic cues. Simple design, combined with the relative consistency of the acoustic environment in which it is used, has led to demonstrated reliability on tests of spatial hearing¹.



FEATURES

- **Focused:** seven loudspeakers in the frontal horizontal plane concentrates testing on the spatial region where listeners are most sensitive
- **Compact:** fits into a corner of a sound booth
- **Accurate:** optical sensing of head position (with visual feedback to the listener) at the 50-cm listener-loudspeaker distance assures valid interaural acoustic differences
- **Portable:** rugged but lightweight aluminum cabinet allows easy one-post setup in a booth
- **Versatile:** complete flexibility in presentation of sounds from all seven loudspeakers (plus an unattached eighth loudspeaker) for synthesizing acoustic environments and tests



The **Model A10** loudspeaker array system was designed with the goal of enabling reliable and practical tests of spatial hearing. Being compact enough for use in sound booths allows testing to be done not only in a space that is quiet, but one that is relatively consistent from one test site to another.

KEY SPECIFICATIONS

Size: Extends 86cm along the wall, protrudes 16cm

Weight: Cabinet, 8.5kg; power supply, 2.4kg

Max SPL: 96dB one loudspeaker; 105dB eight simultaneous loudspeakers

Connections: 3 USB ports for computer, tablet, and calibration microphone



¹Zurek, P.M., Freyman, R.L., and Najem, F. (2023). "Exploring the Utility of a Compact Loudspeaker Array for Audiometric Testing" Submitted for publication.

For more information, please visit www.sens.com/products/model-a10-array

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