

LASSIE Model 49
49 Sound Level Sensors , Magnet bases, Webcam



Sound Level Sensor with white LED output



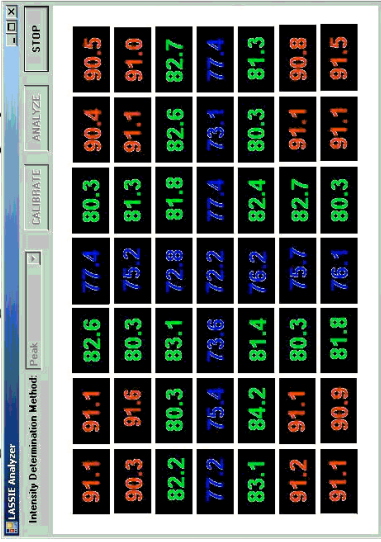
Webcam



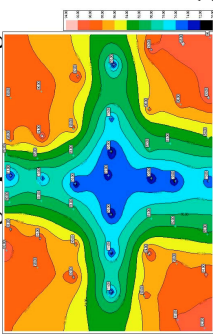
LASSIE Model 25
Tripods, Extensible Antennae, and magnetic bases



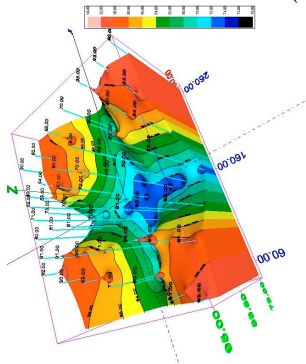
Image Processing Software Display



2-and 3-D images plotted using 3DField software

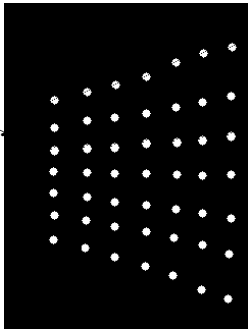


2D Contour map

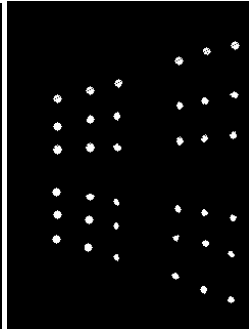


3D Contour Map

Images of Sensor Array from Webcam Video

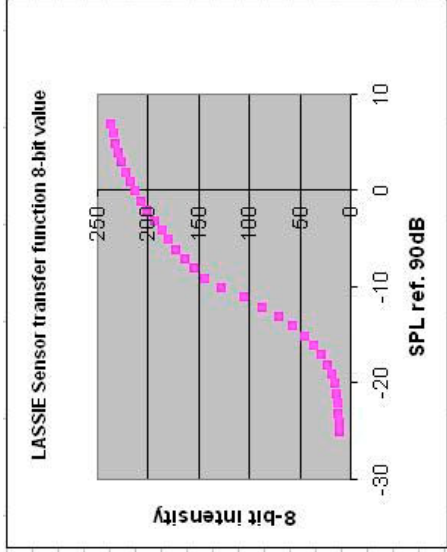
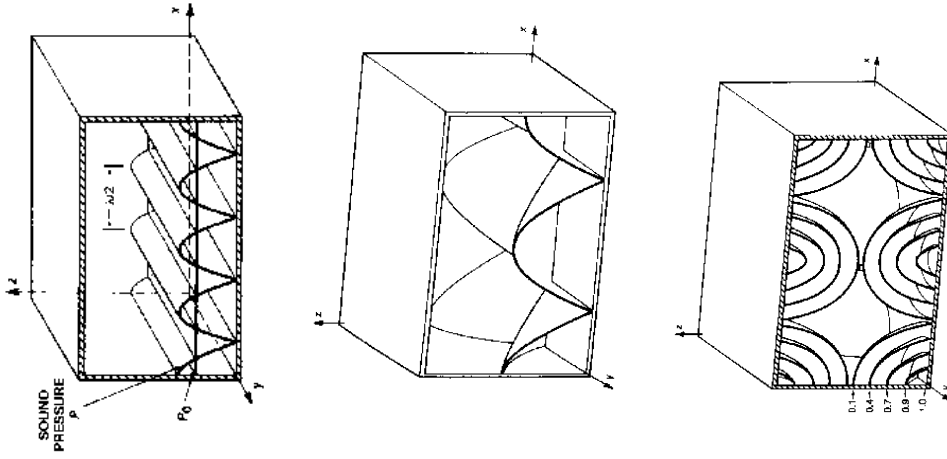


Pink Noise



57Hz

Room Resonances



Seagrave Instruments was founded in July, 2007 to provide Home Theatre installers and other acoustics professionals with new tools to enhance their ability to visualize sound.



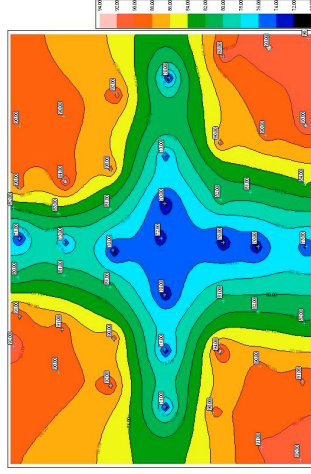
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Seeing Sound...

Presents
 The LASSIE System
 Large Array of Sound Sensors Indicating Excitation



57Hz Room Mode

A new and powerful way to visualize Room Modes, the Patent Pending LASSIE System uses 49 sound level meters driving white LEDs to permit direct viewing of sound levels throughout the listening area.

While performing a standard 20-2000Hz sine tone sweep through the sound system, the array of LEDs display the SPL at 49 locations simultaneously!

Using the supplied Webcam and a laptop PC, the system can measure SPL throughout a listening space, record video for future reference, and extract numerical SPL values, which then can be displayed as a color contour map of the Room Modes.

