LSS-100
Light & Sound Sensor

The LSS-100 is designed for cinema auditorium quality control. It measures sound pressure level, luminance and chromaticity. The LSS-100 contains a color sensor, not an image sensor. The LSS-100 does not present a security issue, as there is no transmitting of an image or sound of the movie.

Patent Pending

Light & Sound Sensor

○ Measures C-weighted sound pressure level (SPL) in dB.

○ Measures luminance in cd/m2 and ftL.

○ Measures chromaticity (x and y).

○ These measurements are available on a web interface and through TCP commands over Ethernet.

○ Measured data can be gathered at a network control point to verify the projected luminance, color chromaticity, and sound levels.

○ Measurements are used to identify lamps nearing end of life, misadjusted lamps, projector color problems, defective speakers or other audio components.

○ Patent Pending.

SCREEN

2% Capture Area

Sensor Monitors:

Measures luminance in cd/m2 and ftL.

Measures chromaticity (x and y).

Measures C-weighted sound pressure level (SPL) in dB.

LSS-100

Control Room

Ethernet & USB Connectivity

LSS-100 is not a video camera and does not record the movie, it is strictly used as test equipment for movie theatres.