SYLVAIN

Integrated Cinema Systems

Integrated cinema architecture combining self-emissive display, wave-field audio, spatial depth and room calibration.

Project Brief

SYLVAIN studies cinema as a combined visual, acoustic and spatial environment. Display, audio, mastering and room geometry are designed together so that performance can ultimately be assessed across the seating area.

Proposed System Architecture

Display & Depth

A proposed self-emissive display and selective depth layer form the visual system.

Wave-Field Audio

Audio performance is considered with room geometry and intended seating conditions.

Room Calibration

Measurements coordinate the visual and acoustic components as one installation.

Development Requirements

- Display and audio-system compatibility
- Room geometry and acoustic conditions
- Installation, calibration and maintenance requirements

What Needs to Be Established

- Which presentation requirements and room conditions define the initial system?
- How can visual, acoustic and spatial performance be measured together?
- Can calibration deliver consistent results across the intended seating and operating conditions?

Customer & Economics

An installation must satisfy presentation requirements within the constraints of the space. Equipment compatibility, calibration, maintenance and continuing operating cost shape the commercial proposition.

Research & Further Discussion

Research source: RAM LABS

https://ramlabs.xyz/sylvain.html

For a founder, research, industry or capital discussion, name the venture and the contribution or mandate you bring.

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Prepared 4 November 2026 from the public project description. The system view is conceptual; it does not establish demonstrated performance, incorporation or investment availability.