

Faselunare COSMOLAB



Faselunare, the Italian company behind the eurorack module VEGA, officially announces COSMOLAB - a modular development kit for musical instruments and DSP algorithms. Engineered by Alphalab Audio and based on the Daisy platform, COSMOLAB is designed to empower musicians, makers, and educators to prototype, explore, and build next-generation audio tools. COSMOLAB merges open hardware, flexible firmware, and a modular approach to accelerate audio product design - from initial prototype to final instrument.

The project is currently in pre-launch, with a dedicated landing page at the website below, where users can sign up for updates ahead of the upcoming crowdfunding campaign, scheduled for Mid October 2025, and secure an exclusive 28% discount on the Full Kit with a reservation.

Key Features:

- 100% Open-Source: All hardware schematics and firmware are freely available
- 8 Versatile Boards: Including Main DSP core with Daisy Seed, audio I/O, CV/gate, MIDI, display, potentiometers, and two keyboard boards
- Expandable Architecture: Design and integrate your own boards
- Arduino IDE Support: Start coding with familiar tools
- Visual DSP Editors: Compatible with PureData, PlugData, Max/MSP Gen~
- Advanced Language Options: Build with Faust, C++, or Rust
- AI-Friendly Environment: Use AI coding tools like Cursor, Claude, Gemini CLI and others

Designed for a Wide Range of Users:

- Makers & Audio Hardware Creators: Modular design enables rapid prototyping and customization
- DSP Developers: Fully-featured platform with open toolchain and real-time audio capabilities for rapid R/D
- Educators & Schools: Ideal for teaching electronics, DSP, coding, and instrument design
- Musicians & Designers: Explore interactive, hardware-based sound creation without needing deep technical skills

The pre-launch will run until October 19th, and the official Indiegogo campaign kicks off on October 20th - right after our participation in the European Maker Faire in Rome (Oct 17-19).

www.sndmt.link