



Efroymsen Modular

Revolutionizing Modular Synthesis with a Fully Digital Platform

Dear Module Designer,

Imagine porting your innovative Eurorack designs to a next-generation platform that eliminates analog limitations while preserving the tactile joy of hardware.

Efroymsen Modular's patent pending system is a fully digital modular ecosystem built on Ethernet PoE for seamless, virtual patching. We're bridging the gap between hardware's hands-on appeal and digital's precision—perfect for expanding your reach in the modular scene through a straightforward licensing model.

Why Port Your Modules to Our Platform?

- **Effortless Integration & Assistance** — We provide full porting support, including technical guidance on DSP code migration, microcontroller setup (e.g., ESP32), and network protocols. No need to reinvent the wheel—leverage our RTOS framework and protocol libraries for complex algorithms like physical modeling or granular synthesis.
- **Unlimited Virtual Interconnections** — Say goodbye to physical cable constraints. Your modules can handle polyphony, multichannel audio, and modulation depths with digital VCAs on demand, enabling richer designs without extra panel space or outputs.
- **Innovation Without Compromise** — Maintain your module's unique front-panel controls (knobs, sliders, LEDs) while adding digital perks like perfect tuning, microtonal support, and global clock sync. No DA/AD conversions mean cleaner, artifact-free sound paths.
- **Market Expansion & Revenue Potential** — Tap into a growing audience craving "away from the computer" hardware. Our platform appeals to Eurorack enthusiasts but offers superior stability and features—think Mutable Instruments-level digital power in a hardware-first form. We'll help you get a beachhead in a brand new market, charging only a reasonable licensing fee.
- **Safety & Simplicity** — PoE Ethernet eliminates IDC headaches and reverse-polarity risks. Virtual patching prevents invalid connections (e.g., output-to-output), with LED "blinkinglights" for intuitive feedback.
- **Live-Ready Flexibility** — Quick parameter changes and full patch save/restore make your designs shine in performance settings, attracting pro users.

We're excited to collaborate with creators like you to build a vibrant ecosystem through flexible licensing. Let's discuss porting your flagship module—whether it's an LFO, sequencer, or effects unit—and bring it to life on our platform.

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Join the digital modular revolution at Buchla & Friends!