# Noise Engineering December 2024 Updates

Noise Engineering, known for their flexible Eurorack synthesizer modules, plugins, and guitar pedals, has announced new options for each of their platform modules: Fala Versio, Toros Iteritas Alia, and Ampla Legio, all releasing this December. Now with10 Versio and 7 Legio and Alia firmwares, Noise Engineering is showing the depth and versatility of the platform concept. In short, if you own a NE platform



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module, you can go to the Noise Engineering website and swap the firmware to anything else on that platform via USB, as often as you like, free of charge. It’s like getting seven (or ten) modules for the price of one.

First up is Ampla Legio, a simple multimode-filter gate. Lowpass gates are a common tool in modular synthesis, and Ampla Legio brings a modern twist, with a stereo signal path and additional functionality. A vactrol-inspired attack/decay envelope with simple controls modulates the internal stereo VCA and filter, and a sustain phase allows the envelope generator to emulate the response of traditional vactrols. A resonant multimode filter replaces the traditional lowpass model, allowing for LP, BP, or HP response with adjustable squelch. The filter’s base frequency can be adjusted to change the timbre of the gate, and also tracks 1v/8va, allowing the filter to be modulated along with the input signal. Ampla Legio is available as a firmware now.

Coming December 17, 2024 is Fala Versio is a formant filter designed with musicality in mind. While many formant filters attempt to mimic vowel shapes and other traditional sounds, Fala is designed to take the process of formant filtering in a new, musical direction. Along with frequency and resonance controls, Fala features a clock-syncable stereo LFO, a wavefolder, and a post-filter saturator that can take the filter’s tone from beautiful to barbaric. Fala Versio will be available as a module but Versio owners can try it out immediately on release by going to the Noise Engineering Firmware Swap page.

Finally, on December 24, Noise Engineering will drop Toros Iteritas Alia. TIA takes complex three-operator phase-modulation synthesis and makes it simple and fun. Designed for ever-evolving sonic landscapes, Toros has three oscillators with CV-controllable frequency and level parameters. A massive range of timbres are hidden behind its simple interface, with three routing algorithms and a bonus fundamental oscillator output for even more patching capabilities. While Noise Engineering is known for its percussion voices,
Toros breaks the mold, excelling at dark drones and ambient performances.

Ampla Legio is a firmware-only release that works on any Legio hardware and is available starting December 10, 2024. Fala Versio will be available as firmware or a paneled module on December 17, 2024. Toros Iteritas Alia will be available as firmware or a paneled module on December 24, 2024. Platform owners can try them out at launch, completely free, by changing the firmware at the Noise Engineering Firmware Swap page.

Just in time for the holidays (and holiday sales!), all three firmwares are available completely free to owners of each platform. Fala Versio and Toros Iteritas Alia available for purchase as complete modules, too.

Features

- Three all-new firmwares for Noise Engineering’s popular platforms



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- Fala Versio brings a new take to formant filtering
- Toros Iteritas Alia makes noisy-or-nice PM synthesis easy
- Use Ampla Legio to control dynamics and timber of any stereo signal
- Platform owners can swap to new firmwares 100% free

Availability and pricing:

- Fala Versio: Shipping from Noise Engineering and retailers starting December 17th, 2024; MSRP US$393
- Toros Iteritas Alia: Shipping from Noise Engineering and retailers starting December 24th, 2024; MSRP US$385

www.noiseengineering.us



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