Noise Engineering Virt Iter Legio & Librae Legio

Two modules for a new 6HP Eurorack platform



Virt Iter Legio is a stereo oscillator with a distinct and versatile sound. Its three modes – Bass, SawX, and Harm – will be familiar to users of Noise Engineering's free Virt Vereor plugin of those who have the Arturia Microfreak, both of which are based

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on the same algorithms. Virt Iter Legio features independent left and right phase-modulation inputs, a sync input, and a lush vintage-inspired chorus. This small oscillator puts unique sounds right at your fingertips and makes them easy to manipulate within the stereo field. Virt Iter Legio works well for beautiful pads, hard-hitting basses, and leads that can be simple or otherworldly.



Librae Legio is a stereo dynamics processor designed for the master bus with

compression, limiting, expansion, and optional saturation. Librae Legio was designed to work with any type of patch. It’s great for limiting, compression, and expansion. Noise Engineering says they created it to be able to be applied as transparently as possible, but also so that you can crank the settings to really squish your sounds for maximal crunch. And of course they added a saturation stage that you can engage if you wish for some slight harmonic distortion: it adds a touch of color and some tape-like effects to louder elements. It’s also CV controllable and works great with mono or stereo signals.

The team had a great time testing this one on drum breaks, bass loops, hard techno, generative ambient soundscapes, and more. They also added an adjustable noise gate so that users could choose a setting to minimize noise accentuated by heavy compression in their patch. Librae Legio also has a sidechain filter that the user can set to change the behavior of the dynamics processing.

The Legio platform was first announced at NAMM 2020 with Virt Iter. The team mentioned that they’d heard from a lot of customers who were eager to get the module in their systems but parts shortages, supply-chain woes, and other problems meant multiple delays and redesigns of the product to make it work with available parts. The result was something even they were amazed with. In fact, while product testing is a job everyone on the team is excited about, they all agreed that they were unanimously over the moon with how these modules came out. "The Legio platform brings the power of a reprogrammable and multifunctional module down to a 6 HP size, perfect for any system. It's an exciting development and we're thrilled to be able to share it with the world!" said Chief of Destruction Markus Cancilla.

Similar to the popular Versio platform, Legio is also an oscillator and DSP platform. By making a free account at the Noise Engineering Customer Portal, users can change the functionality of the module, absolutely free. In essence, buy one module, get both of these, with more to come, according to the Noise Engineering team. For those who are interested in writing their own firmwares, open-source support will be released later this year. Learn more at the World of Legio page at Noise Engineering. In just 6 HP, the Legio platform is a powerful and worthy addition to any system, small or large.

Notable features: Virt Iter Legio

- 6 HP and US$279, available and in stock
- 3 stereo oscillator algorithms: Bass, SawX, and Harm
- Independent left and right phase-modulation inputs
- Vintage-inspired chorus spreads sounds across the stereo field
- Incredibly accurate pitch tracking from -2v to +5v using an automatic self-calibration process
- Oscillator/DSP platform: change the firmware on your module to a different module on the Librae platform

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Notable features: Librae Legio

- 6 HP and US$279, available and in stock
- Works in both mono and stereo
- Incredibly clean compression, expansion, and limiting
- Adjustable noise gate avoids unwanted noise when heavily processing sounds
- Configurable sidechain filtering changes how the processing reacts to your sounds
- Optional saturation adds flavor to your mix
- Oscillator/DSP platform: change the firmware on your module to a different module on the Librae platform

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