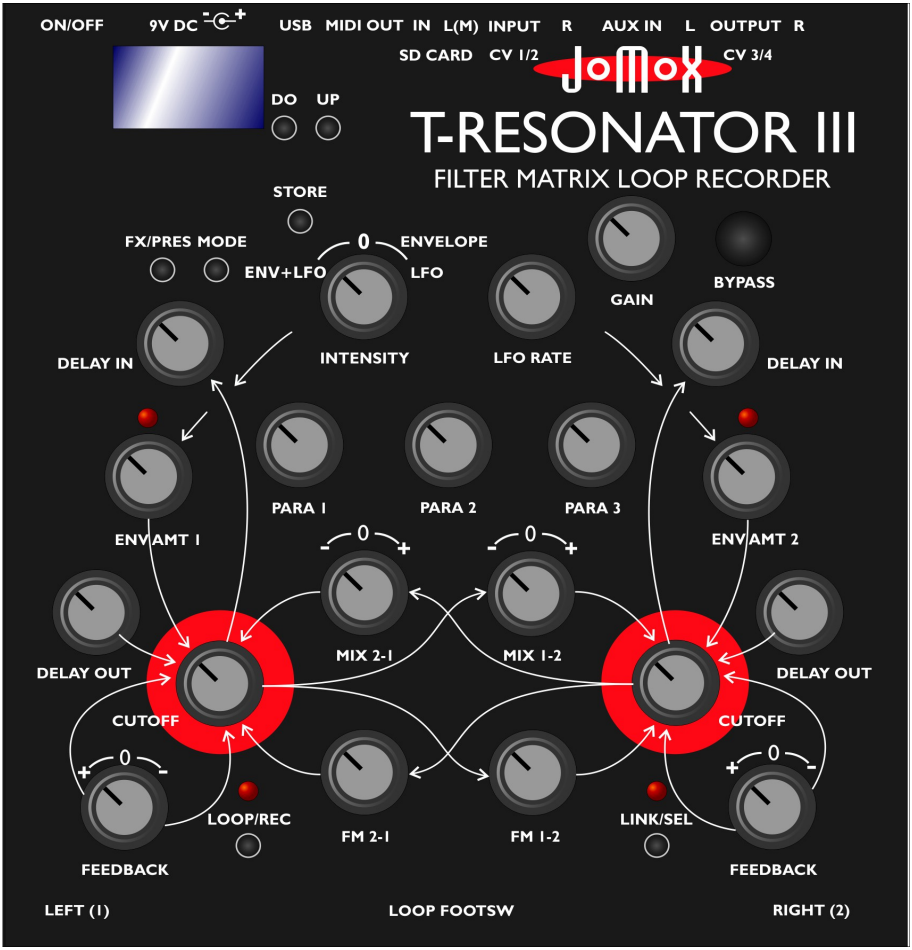

NEW:

Jomox T-Resonator III

Filter Matrix Loop Recorder

One of our most successfull products gets a Mark 3.
And it's not just a successor but a whole new device that will stand next to the T-Resonator Mk2 which will be further available.
Why?
The T-Resonator Mk3 makes the whole T-Res concept RECORDABLE!

That means, you can record the crazyness of the T-Resonator and even layer loops of knob movements and audio. Yes, audio!

- The T-Res Mk3 is able to record, store and recall all knobs and parameters.
- A loop function lets you record layers of audio AND knob movements.
- An SD card port is integrated, so you are able to process the recorded WAV and Midi files on a computer or archivate them.
- Audio and knob movements can be played back from the SD card.
- The T-Res Mk3 has Midi (3.5mm jacks) and Mini-USB and can be controlled completely via CCs. It can be seamlessly integrated into a DAW.
- A tiny 128*64 dots OLED display gives you some information about the different presets, FX programs, modes and audio files.
- A link function lets you link the stereo filters by different modes that include inverse as well.
- The loop function can be remotely controlled by a foot switch with a regular 1/4“ jack. Welcome guitarists and instrument players!
- Two 3.5mm stereo jacks give assignable control on max 4 external CVs for our friends of modular synthesis.
- A stereo Aux input connects to the pure digital FX section and bypasses the analog weirdness if desired.
- Some digital sound generators like Metal Noise will be available to insert them into the analog filter matrix. As this is still work in progress, more on this unfinished matter later on.
- An analog limiter has been added to make the extreme bass signals fit better into your mix and protect your speakers and ears.

The T-Resonator Mk3 will be availabe later in 2019.

For those who don't know the classic T-Resonator yet, here are some details on this unique experimental sound effects unit:

The T-Resonator has been very successfull over the past 12 years. It has been the least possible implementation of the former experimental filter network synthesizer called „Resonator Neuronium“. The number of 6 nodes had been reduced to only two filter nodes – but still this structure offers a tremendous variety of sounds.
The module contains 2 analog T-ladder filters and a digital delay.
The filters are made from discreete parts and form a 24 dB pole lowpass filter transistor cascade.

Not only can these two filters being controlled by cutoff and resonance – they can be feedbacked negatively or positively to itself or even across the partner filter by the mix knobs. Also they can be feedbacked across a digital delay/reverb chip which is literally woven into the signal path.

You can select 8 different algorithms, each with different delays, wave guides or structures and different feedbacks and modulate them even with an LFO.

Delays reach from less than a millisecond to 1 second, range and structure is depending on the algorithm.

These capabilities let you create evolving analog tape echoes, "klingon parties" by extremely feedbacked wave guide algorithm and much more.
By the analog feedback everything sounds organic.
The screaming analog feedbacks can delay themselves and thereby form new sound patterns.

The sine LFO gets retriggered by the audio signal and can be shaped with the audio envelope or just run alone.
In center position the amount is 0, to the left it's envelope-shaped LFO, to the right it's only LFO.

Incredible bass gains or screaming scratch sounds are no problem. Positive feedbacks create distorting bass enhancements or low feedback tones without applying a signal.
The mix pots are zeroed in center position; any other angle will couple or feedback negatively or positively.

Analog FM is available both ways. If you set one filter into normal resonance and the other with positive feedback like an LFO, you can create these wonderful spacy analog FM sounds otherwise a decent modular system is needed for.

The input has an adjustable gain and a Hi-Z input to plug in a guitar directly. Any line level signal can be processed, be it either mono or stereo.