RADIKAL TECHNOLOGIES EURORACK MODULES



RT-451 DUAL MULTIMODE FILTER

Warm and vintage sounding low resonance settings as well as aggressive and modern high resonance sounds - the RT-451 does both. It is very flexible and has a lot of character.

This filter creates the kind of earthshaking low end sine oscillations that are perfect for all kinds of electronic kick sounds or ultra low sub bass drones popular in Drum & Bass music. Each filter has switchable lowpass, highpass and bandpass characteristics. The toggle switches mix the different filter functions together and feed them to the output. The parameters of both filters operate totally independent from each other but the Coupler knob in the middle controls both filter frequencies simultaneously. This allows for controlling both filters in series or parallel configurations with one dedicated knob.

The RT-451 is the perfect addition to your Eurorack synthesizer system. Built by real synth enthusiasts with a passion for fat and flexible filter sounds the RT-451 just adds that extra special "Oomph" to your sound.

In combination with the RT-311 Swarm Oscillator the dual multimode filter allows for duophonic voice structures in your modular system.

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RT-311 SWARM OSCILLATOR

The RT-311 can store up to 8 memory setups with 8 snapshots each, saving all oscillator settings and memorizing them even after powering down your modular synth. One highlight of this module is the option to interpolate these parameter snaphots. Interpolation can be controlled by external control voltage or with a built in LFO. The speed of the internal LFO can be controlled by external control voltage as well. The interpolator even has an external output to interpolate one parameter of an attached module. Both oscillators can build swarms of oscillator clones. At the highest setting, up to 16 Oscillators are running simultaneously. The detune knob tunes the pitch of all oscillator clones between ultra slow oscillator frequency beating effects and multiple frequency drones and chords. The swarm can be pitched in musical intervals, chords, clusters or fat detunes. The swarm tuning can also be stored into the snapshots. That enables building up to 8 different chords with different sound settings one can change while playing in a setup.

The scale inputs can also get quantized to musical scales. This makes it easy to control the swarm from a step sequencer. Simply select the root key with the tune knob and a pentatonic scale and turn the knobs of your sequencer for always matching tonal sequences.



RT-1701 EFFEXX MULTI-FX PROC

This new FX unit combines multiple FX processors with Radikal's powerful snapshot animation feature. Create the most astonishing FX morphing sounds and control them with external control voltages from envelope generators, step sequencers or LFOs.

The RT-1701 features a gain stage with saturation, a very flexible EQ/Filter section and 2 selectable DSP effects for the modern electronic musician. The following effects are available: Reverb, Delay, Chorus, Phaser, Flanger, Tremolo, Vibrato, Filter. Effect combinations and settings can be saved in up to 8 snapshots for every program. The snapshot blender allows for creating smooth transitions between the different snapshots. The blender can be controlled by an internal LFO or with external control voltages. By blending from one snapshot to the next, the module produces a mix blend between the two FX snapshots.

All Radikal Technologies modules feature a true stereo signal flow. This adds a special sonic quality to all modules.

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