

Grone wave Eurorack module

Grone Wave is the latest addition to Grone family , this incarnation is based on a lo fi sample player engine with 4 banks of up to 16 samples ,in glorious 8 bit and full of aliasing noise , you'll find all kind of textures and accidents useful for ambient, musique concrete , noise and whatever nightmares you imagine.

You can control pitch , sample start and end points, and reverse them. There's an external trigger input for retriggering from sync signals , gates or clocks.

Sample then passes through a MOJ transistor ladder low pass filter with resonance, filter is also modulated by a multi waveform LFO.

Effects section is taken care of by a special Clouds version , with dedicated feedback, pan blend and reverb sliders for intuitive and immediate control.

Controls:

Sample player section:

sample rate slider: Controls sample pitch over a wide range, continuously and smoothly .

Sample select slider : selects one of 16 samples for each sample bank.

Sample start potentiometer : controls starting point for currently playing samples.

Sample end potentiometer : same as previous but for sample end.

Reverse push button: plays current sample backwards while pressed

sample level potentiometer: Regulates output volume from sample player into filter.

Sample bank switches A and B :select one of four sample banks

Low Frequency oscillator:

Rate slider : Oscillator speed

Wave potentiometer : Selects one of eight waveforms

Waveforms are : ramp up, ramp down, square, triangle, sine , sweep, random levels, random slopes

Low Pass filter section:

Filter cut slider : Cutoff frequency for low pass filtering.

Rez potentiometer: Resonance , Q , peak , emphasis of corner frequency , self oscillates at higher settings

VCF Mod potentiometer : amount of modulation from low frequency oscillator.

CLOUDS : based on MUTABLE INSTRUMENTS eurorack module , with parasites firmware , same controls from MI : Input gain, position, size, density, pitch, texture, blend , switches for display parameter and load/save, freeze control with indicator led , same display as MI original.

Dedicated Slider for reverb , and dedicated potentiometers for blend , feedback and pan .

