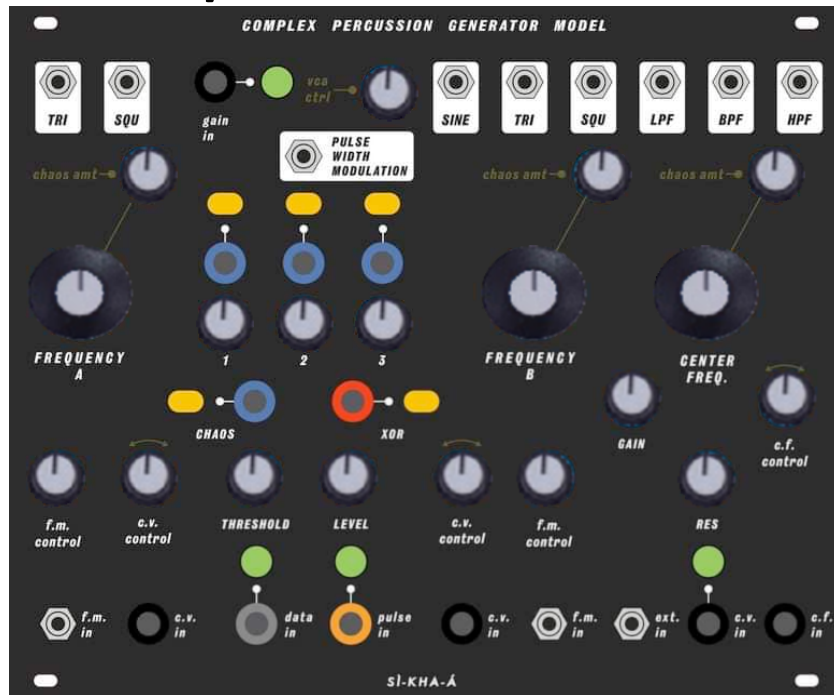


# CPMG aka Complex Percussion Generator Module



Function	Control	Label	Description
Oscillator A	Knob	Frequency A	adjust oscillator A's frequency
	Knob	Chaos amount	adjust the amount of modulation in oscillator A, the modulator is "CHAOS"(internal)
	Knob	f.m. Control	adjust the amount of modulation in oscillator A, the modulator is "f.m. in"(external)
	Knob	c.v. Control	adjust the amount of modulation in oscillator A, the modulator is "c.v. in"(external)
	Banana	c.v. In	external input as a modulator
	Jack	f.m. In	external input as a modulator
	Jack	TRI	triangle wave output from oscillator A
	Jack	SQU	square wave output from oscillator A
Oscillator B	Knob	Frequency B	adjust oscillator B's frequency
	Knob	Chaos amount	adjust the amount of modulation in oscillator B, the modulator is "CHAOS"(internal)
	Knob	f.m. Control	adjust the amount of modulation in oscillator B, the modulator is "f.m. in"(external)
	Knob	c.v. Control	adjust the amount of modulation in oscillator B, the modulator is "c.v. in"(external)
	Banana	c.v. In	external input as a modulator
	Jack	f.m. In	external input as a modulator
	Jack	SINE	sine wave output from oscillator B
	Jack	TRI	triangle wave output from oscillator B
Jack	SQU	square wave output from oscillator B	
State Variable Filter	Knob	Center freq.	adjust the cutoff frequency of the filter
	Knob	Chaos amount	adjust the amount of modulation in cutoff frequency, the modulator is "CHAOS"(internal)
	Knob	Gain	adjust the amount of gain of the "ext. in"
	Knob	c.f. Control	adjust the amount of modulation in cutoff frequency, the modulator is "c.f. in"(external)
	Knob	RES	adjust the amount of resonance in the filter
	Illuminated Switch	c.v. In	on: enable external c.v. input modulates "RES" off: enable external c.v. input
	Banana	c.v. In	external input as a modulator for Resonance
	Banana	c.f. In	external input as a modulator for the filter
	Jack	ext. In	external audio input bus to the filter
	Jack	LPF	lowpass filter output
Jack	HPF	highpass filter output	
Jack	BPF	bandpass filter output	
VCA	Illuminated Switch	Gain in	on: enable external c.v. input modulates "vca ctrl" off: disable external c.v. input
	Knob	vca ctrl	adjust the amount of amplifier in external gain input
Chaos Generator	Banana	gain in	external input as a modulator
	Knob	1	1 logic 1 level control
	Knob	2	2 logic 2 level control
	Knob	3	3 logic 3 level control
	Knob	Threshold	adjust the level of input data
	Knob	Level	adjust the level of input pulse
	Banana	1	1 logic 1 output
	Banana	2	2 logic 2 output
	Banana	3	3 logic 3 output
	Banana	Chaos	chaos control voltage output
	Banana	XOR	xor logic output
	Illuminated Switch	data in	on: enable external c.v. input as data in off: disable external c.v. input, use data from oscillator A
Illuminated Switch	pulse in	on: enable external c.v. input as pulse in off: disable external c.v. input, use data from oscillator B	
Banana	data in	external input as a modulator	
Banana	pulse in	external input as a modulator	