



The three VCO's have all the same controls layout patch interface left to right Square , Triangle , Mod Input left knob - frequency right knob - Mod amount switch - frequency range select

CHAOS
Patch Interface Top to Bottom
Clock , Data , Output, White Noise

XOR
IN IN IN IN
Out Out
IN IN
Out

Diode Gate In , CV , Out Knobs are input taper and High pass filter

Wavefolder

To the left you have two inputs which can be crossfaded with the first knob then you have wavefolding knob and output at bottom right

Pulse Divider
Top patch point is input
then following are /2, /3, /4, /6, /8

vCOoo runs on 12v center positive 200ma. Higher ma is fine, the synth will only draw the power that is needed. Lower voltages can be used too but white noise may not work - especially below 9v.

Due to the nature of the patching interface, when it becomes crowded with many wires, ground hum may be picked up when you bring your hands near the knobs or the surface of the instrument in general. To avoid this problem, touch the exposed metal on the outside edges of the front plate when operating the instrument. This holds your body's natural antenna at ground and will eliminate hum noise.

If the synth gets wet, unplug immediately if its on, or if its off let it dry out before turning it on.

For any service requirements please don't hesitate to get in touch with me at info@twintropiques.com

Have Fun!

**Nicolas**