Catro Modulo v0.6.4 User Manual

C/M1 : 8xlfo

8 independent lfo's with global reset (sync)
corresponding cv inputs on the left of each knob

C/M2 : 8xatn

8 attenuators
with offset

wave shape
smooth blending

rate
very slow to very fast

pulse width
only for square wave

phase shift

output

reset trigger
all lfo's

offset
-5/5V vs. 0/10V

mix out
average of all outputs

input

attenuate
± 1

offset
± 5

output

mix out
average of all outputs
with a connected input

C/M3: PreSetSeq

set bpm
check C/M4 for more info, disables step

step
advance sequence one step

pattern selector
follow one of 15 predefined patterns
or set all steps to random

"big eye" dial
attenuates the input signal
sets value when no input

"big eye" output
outputs attached eye values
as mixed by the morph slider

select / scan
select: lock to 1 recording at a time
scan: blend between recordings

try me!
totally randomizes all recordings
doesn't change parameters

morph slider
left: attenuate selection with live values
middle: only live values
right: only selected recording

reset trigger
resets the sequencer to first step

set pattern length

record
record live values to this slot

record trigger
record on trigger pulse

recall selector
select or scan recordings

sequencer on/off

Use the 'eyes' to dial in values or use the attached cv inputs
Record the 8 eyes in any of the recorder slots
Select or scan trough the saved recordings with the big red knob
Morph between the live values and the selected recording
Turn on the sequencer to cycle through the recordings in various patterns

C/M4 : vcClk & C/M5 : vcClk++

The idea behind this modules is to create multiple clock signals that stay in sync with eachother
and to keep these signals synced on reset to avoid missed first steps or misalignment of clocks.

The big red knob in vcClk is used to set a specific bpm, to which up to 2 extra signals can be added.
After adding up the inputs, the resulting bpm (shown on the lcd display) can be outputted both
as bpm cv signals and as clock signals.
All C/M modules adhere to the same standard when using the gold-plated ports (1V/50bpm, 0V = 0bpm)
And all modules that use this type of port will sync their internal clock to the reset button/input

vcClk++ is a companion module for vcClk.
It produces 7 multiples of the basic interval set by the gold-plated input.

lcd display
shows final clock rate in beats-per-minute

snap toggle
toggle between steps of 0.01 , 1 and 5

bpm dial
sets base clock rate

bpm cv input
increase clock rate by bpm cv (1V/50bpm)
output results on the right

bpm cv outputs
send bpm cv to any C/M modules that
have inputs with a golden ringlet and
they will adapt to the same bpm (1V/50bpm)

reset trigger
with output to sync

clock outputs
outputs a 10V square signal

cpm cv input
takes 1V/50bpm cv
sets the base clock rate

clock outputs
outputs a 10V square signal
for each multiple of the base clock rate

reset trigger
reset/sync internal clocks