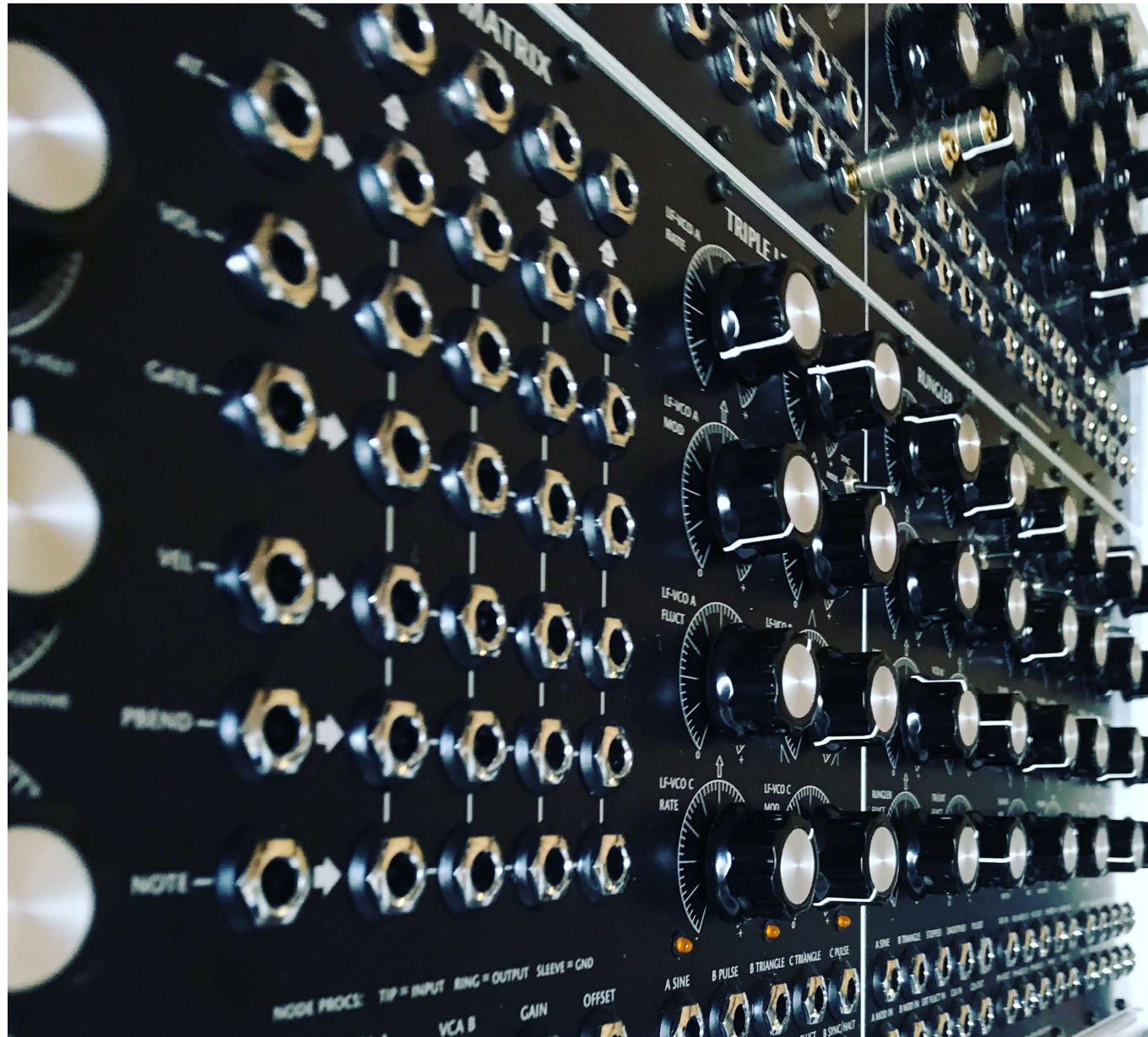


Hordijk System Patchbook 2018



Collection of patches that get you started with the Hordijk System

My Hordijk System

It all started when I had my Hordijk System and after some initial noodling thought that I needed to remember things. Then I watched the wonderful Hordijk Minutes by Todd Barton and that sparked the idea that a notational system is actually doable with this fixed panel system. I started with drawing the cable spaghetti but soon left that because it's too much of a mess.

Then came the idea for a simple **FROM → TO** notation. And that, at least to me, works wonderful. I tested it with Mr. Barton himself and with this notation we were able to exchange thoughts on patches. So I guess it can work for anyone with a Hordijk.

The system that I use to describe here is the one I bought in December 2017. Through the years there have been numerous versions because Rob builds them to your specifications.



Each patch is supposed to be a starting point for further exploration. So **EXPLORE!!**

Jos Smolders, December 2018

YOU ARE ENCOURAGED TO SEND YOUR OWN PATCHES TO : 550@EARLABS.ORG
so I can include it in a 2019 version of this patchbook!!

How this notation system works

Each sheet is divided into 2 sections:

Left is indicated the settings of the panel

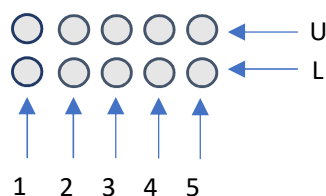
Right is indicated the connections between the various modules

Blue means that the connection goes via the mini matrix , also indicated with a :

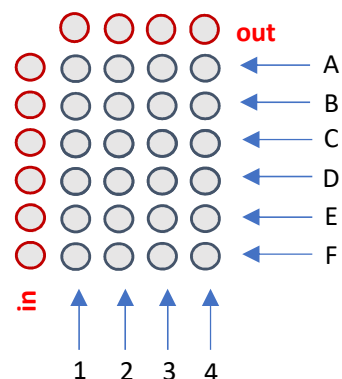


Sometimes I have an indication where plugging or unplugging a jack leads to interesting alternatives

Panels



Minimatrix



Hordijk Minutes are patches (started) by **Todd Barton**

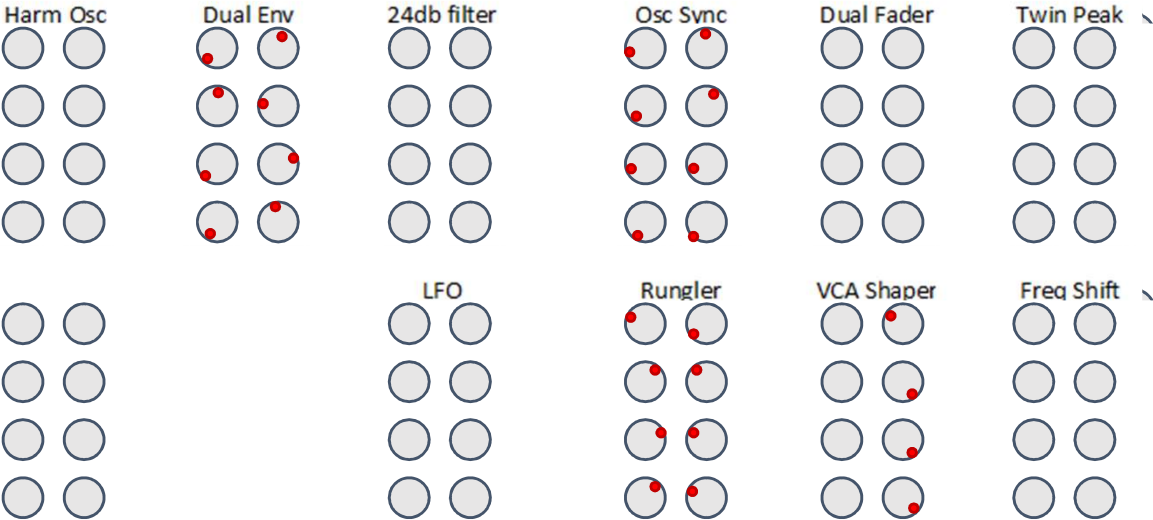
Patch notes design by **Jos Smolders** – Creative commons (CC BY-NC-SA 4.0)

Version 1.7 : 20181208

Bongo's (simple)

date 20181117

KNOBS



NOTES

Knob positions are important!!

CABLES

Osc Sync **U5** → Phaser **L4**

Rungler **U2** → Osc Sync **U1**

Rungler **U2** → Phaser **L2**

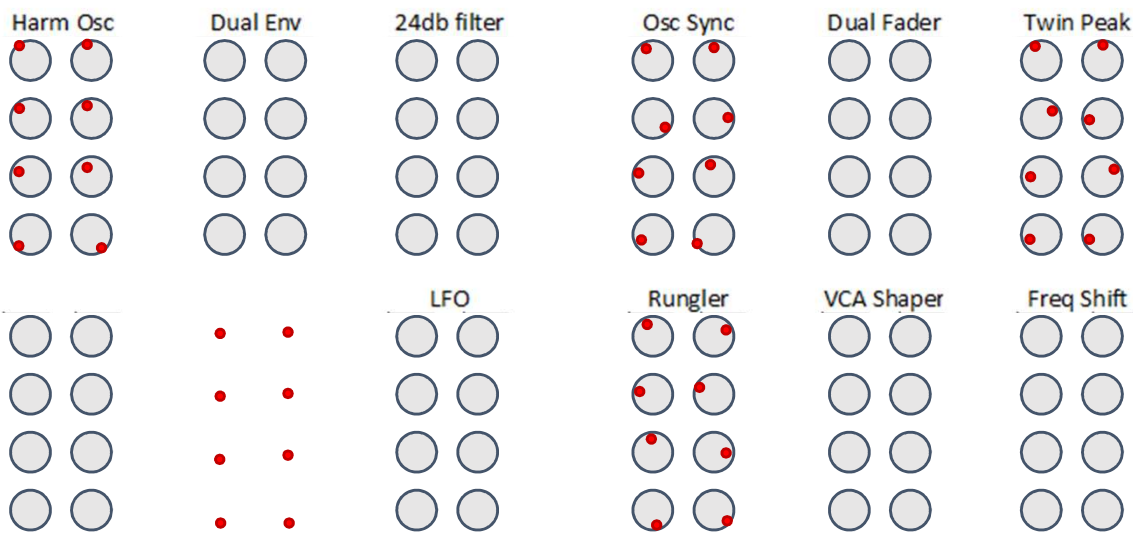
Phaser **L5** → **OUT**



Hordijk 20180515

date 20180515

KNOBS



CABLE

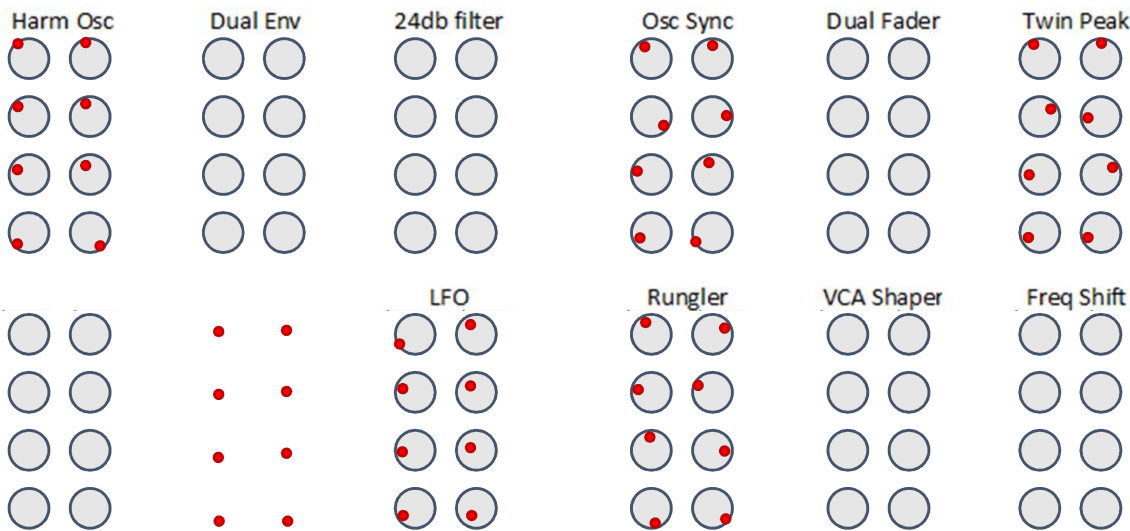
Harm Osc **U5** → TwinPeak **U1**
Osc Sync **U3** → TwinPeak **U2**
Rungler **U3** → TwinPeak **L2**
Rungler **U5** → TwinPeak **L5**
TwinPeak **U5** → OUT

NOTES

Hordijk 20180519

date 20180519

KNOBS



CABLE

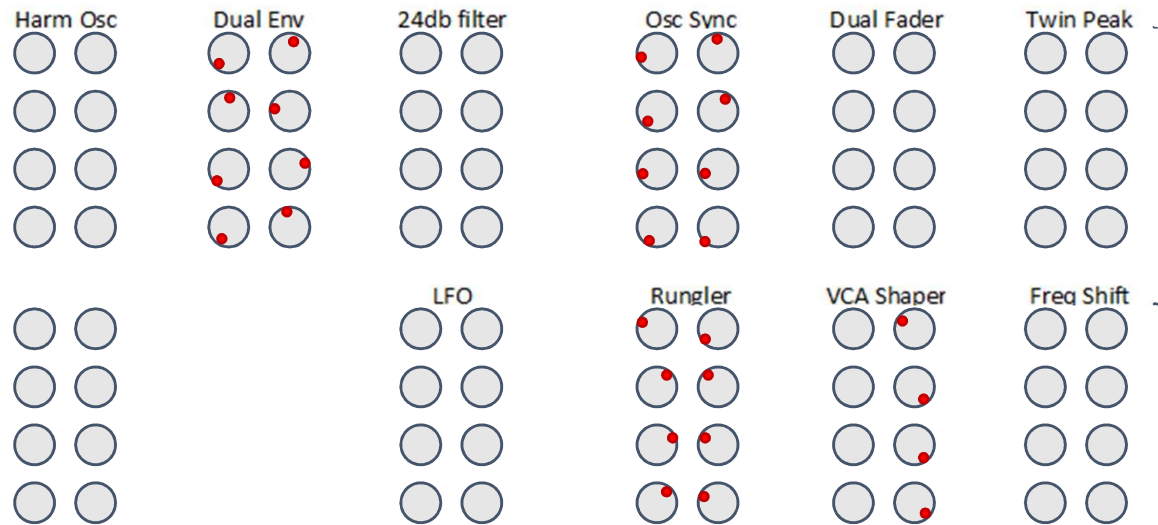
Harm Osc **U5** → 2Fader **U1**
Osc Sync **U3** → 2Fader **U2**
2Fader **U4** → TwinPeak **U1**
Rungler **U3** → TwinPeak **L2**
Rungler **U5** → TwinPeak **L5**
TwinPeak **U5** → 2Fader **L1**
LF-VCO **U1** → 2Fader **L3**
2Fader **L4** → OUT

NOTES

Liven up the envelope

date 20181117

KNOBS



NOTES

Knob positions are important!!

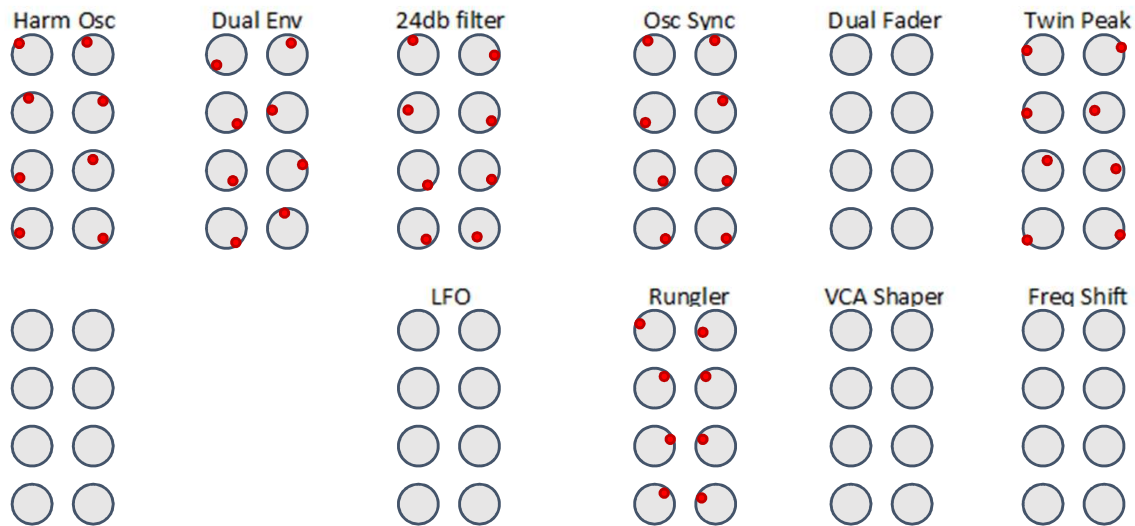
CABLES

Dual Env **L3** → Dual Env **U1-4**]
LF-VCO **U2** → Dual Env **L1**
LF-VCO **U4** → Dual Env **L2**

Complex oscillation

date 20181208

KNOBS



NOTES

Knob positions are important!!

CABLES

Rungler **U2** → SQ-1 input

SQ-1 cv **OUT** → HarmOsc **U1**
SQ-1 cv **OUT** → Osc Sync **U1**]

SQ-1 gate **OUT** → 2Env **L1**

OscSync **U2** → HarmOsc **U3**

24dB Filter **U5** → TwinPeak **U1**

Rungler **U3** → TwinPeak **L2**

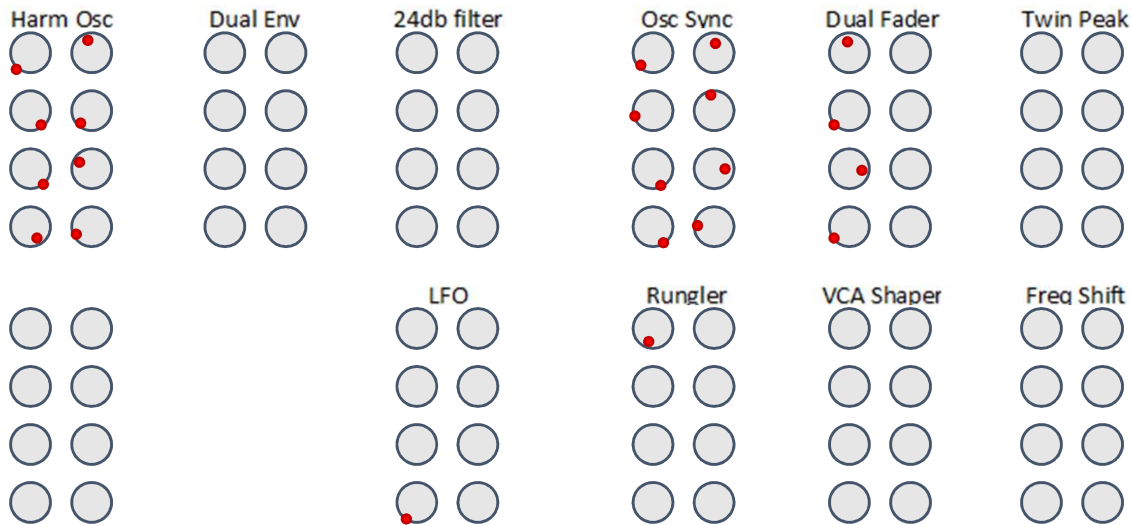
Rungler **U5** → 24dB Filter **L2**

TwinPeak **U3** → **OUT**

Working with 2 Oscs (sketch)

date 20181003

KNOBS



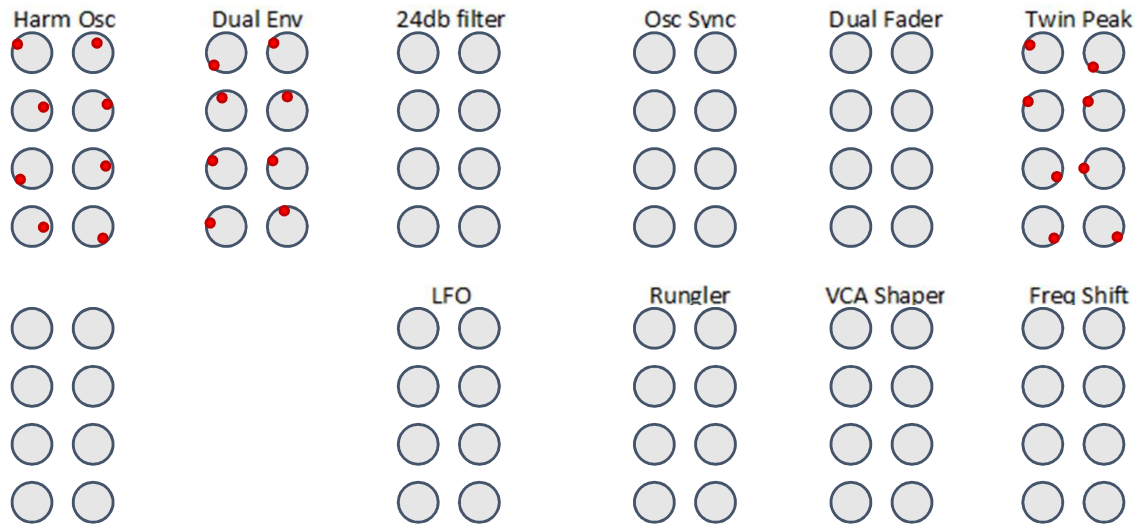
NOTES

CABLES

Osc Sync **U4** → Harm Osc **U1**
Harm Osc **U4** → Osc Sync **L5**
Harm Osc **U5** → 24dBFilter **U1**
LF-VCO **U4** → Osc Sync **L3**
24dBFilter **U4** → *anything*
anything → 2Fader **U1**
(later) Rungler **U1** → Osc Sync **U1**
Osc Sync **U5** → *anything*
anything → 2Fader **U2**
2Fader **U4** → TwinPeak **U1**
TwinPeak **U3** → **OUT**

Hordijk Minute #2 (Todd Barton)

KNOBS



NOTES

<https://www.youtube.com/watch?v=yxn91MpA31A>

CABLES

SQ 1 gate out --> Dual env **L1**

SQ 1 cv out --> Harm Osc **U1**

Harm Osc **L5** --> Dual Env **L2**

Dual Env **U5** → Twin Peak **U1**

Dual Env **L3** --> Dual Env **U4**]

Dual Env **L3** --> Twin Peak **L4**]

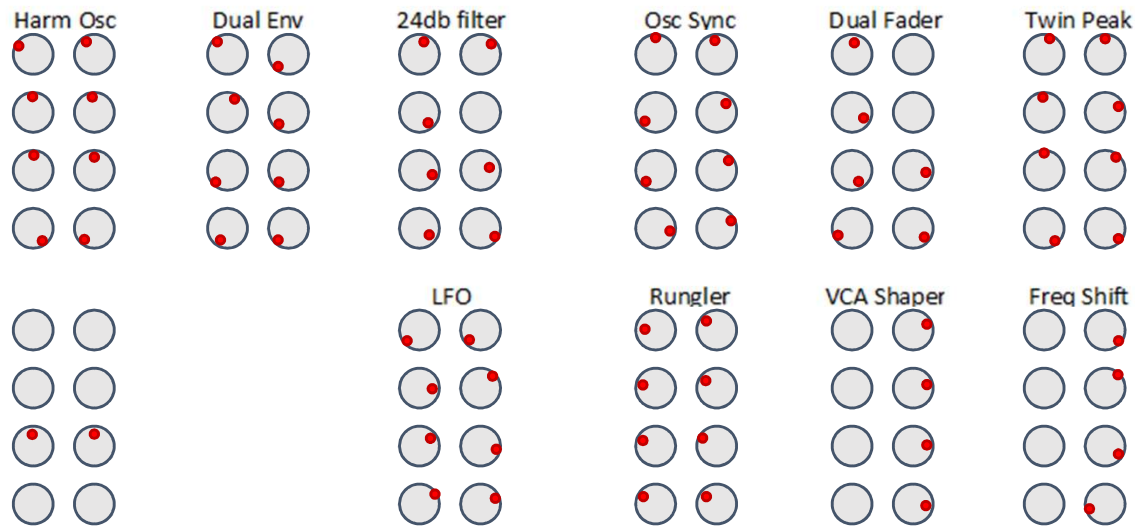
Dual env **U5** --> Twin Peak **U1**

Twin peak **U5** --> **OUT**

Hordijk Minute #3+ (Todd Barton, modification JS)

date 20180805

KNOBS



NOTES

NOTES (cables are on next page)

Sequencer feeds Osc Sync (U1) at various speeds

Variation can be to gate the signal via VCA in ?

Turning down 24dB filter HP and BP makes sequence more incidental

Now use minimatrix VCA's to balance between this and HM #3 patch

I did some additional patching. Especially the addition of HarmOsc L4 to TP U2 and then taking the volume level of this addition with the lower right know of HO gives the patch much extra!

Hordijk Minute #3+

CABLES 1

Dual Env **L3** --> Harm Osc **U2**
Dual Env **L3** --> Rungler **L1**

Rungler **U3** --> Dual Env **U1**
Rungler **U3** --> Dual Env **U2**
Rungler **U3** --> Twin Peak **L2**
Rungler **U3** --> Rungler **L2**

Rungler **U5** --> Dual Env **L1**
Rungler **U5** --> Twin Peak **L5**

Rungler **U2** --> Harm Osc **U1**
HarmOsc **L4** → TwinPeak **U2**
Rungler **U4** --> Dual Env **L2**
Dual Env **U5** --> Twin Peak **U1**
Twin Peak **U3** --> **OUT**

CABLES 2

Osc Sync **U5** → 2Fader **U1**
Osc Sync **U3** → 2Fader **U2**
2Fader **U4** → 24dB Filter **U1**

24dB Filter **U4** → 2Fader **L1**
24dB Filter **U5** → 2Fader **L2**
2Fader **L4** → Phaser **L4**

Phaser **L5** → 2FreqShft **U1**

LF-VCO **U1** → 24dB Filter **L3**
LF-VCO **U1** → Osc Sync **L3**

LF-VCO **U3** → various
LF-VCO **U3** → 2FreqShifter **L2**
2Freq Shifter **L4+L5** → **OUT**

date 20180805

SQ-1 connections

LF-VCO **U5** → Clock in SQ-1
SQ1 CV out → Osc Sync **U1**
SQ1 gate out → 24dBfilter **L5**

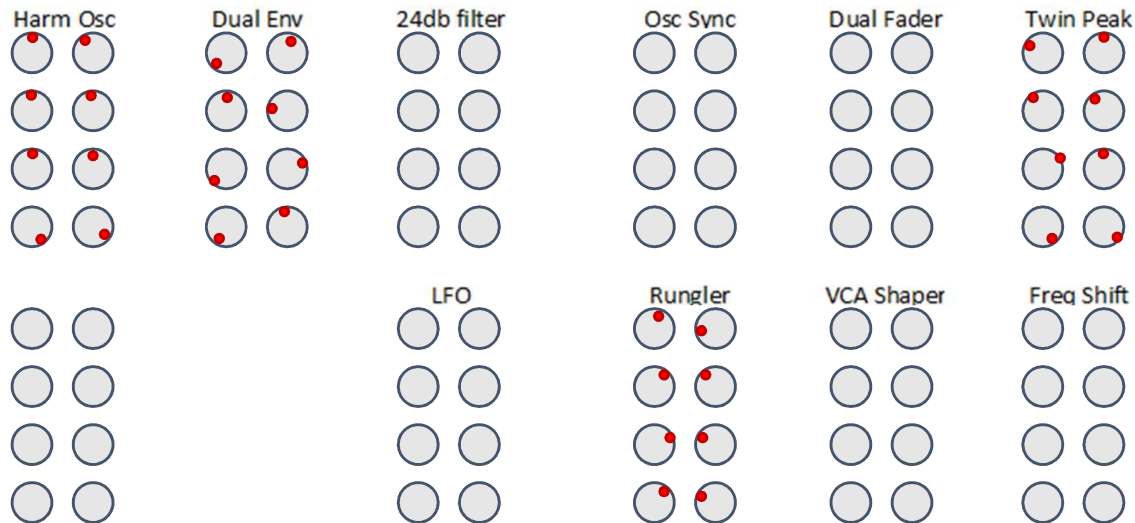
Combination 1 + 2

2FreqShft **U5** → Matrix IN 1
Output HM #3 → Matrix IN 2
Matrix A5 → VCA A
Matrix B5 → VCA B

Matrix OUT 5 → 2FreqShifter **L1**

Hordijk Minute #5 (Todd Barton)

KNOBS



NOTES

<https://www.youtube.com/watch?v=x5NhxFkPnk>

CABLES

Dual Env **U5** --> Twin Peak **U1**

Rungler **U1** --> Harm Osc **U1**

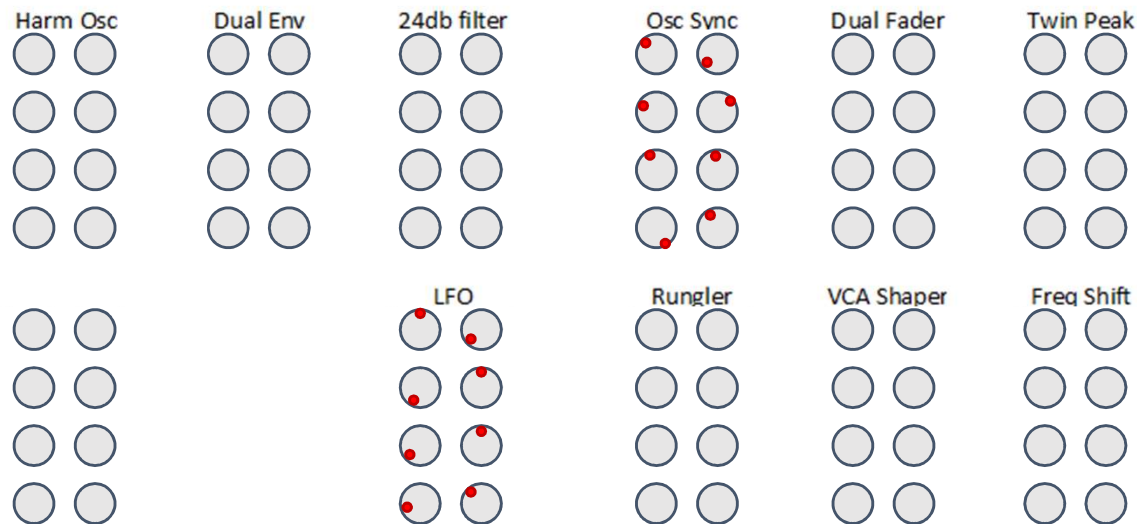
Rungler **U3** --> Harm Osc **U2**

Dual Env **L4** --> Rungler **L4**

Twin Peak **U5** --> **OUT**

Hordijk Minute #7 (Todd Barton)

KNOBS



CABLES

LF-VCO **U1** → Osc Sync **U1**
LF-VCO **U3** → Osc Sync **L3**
LF-VCO **U4** → Osc Sync **L5**

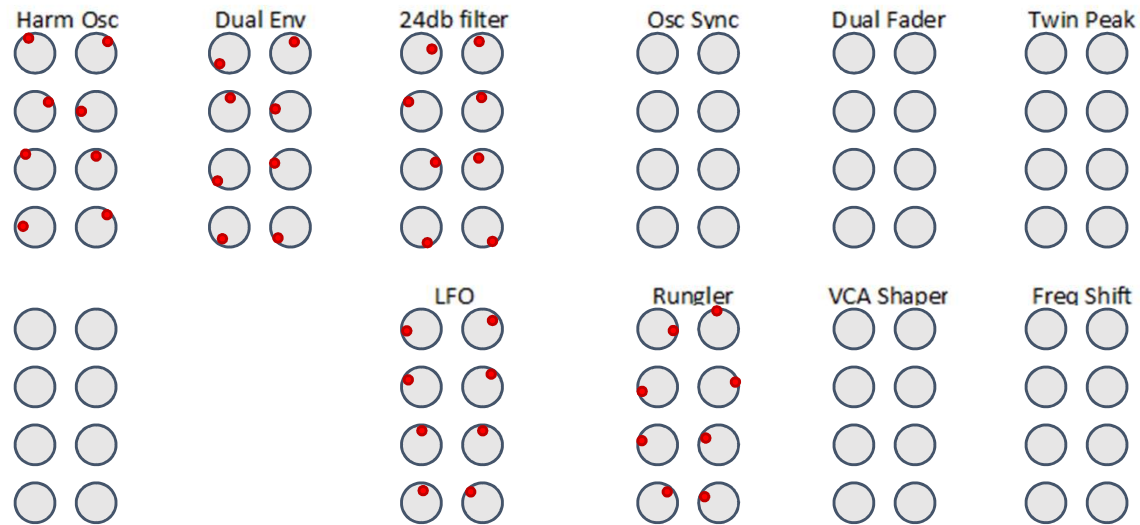
Osc Sync **U5** → **OUT**

NOTES

<https://www.youtube.com/watch?v=0jPFciX0-KM>

Hordijk Minute #13 (Todd Barton)

KNOBS



NOTES

<https://www.youtube.com/watch?v=reIMmKJ4rKE>

CABLES

Rungler **U3** --> Harm Osc **U2**

Rungler **U4** --> Dual Env **U4**

Rungler **U5** --> 24db filter **U3**

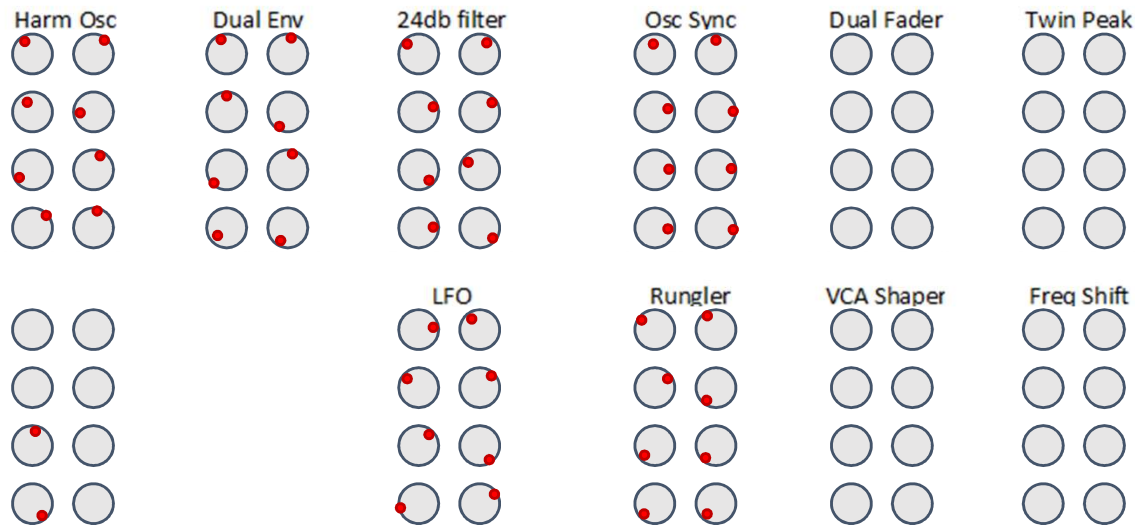
Dual Env **L4** → Rungler **L5**

LF-VCO **U4** --> 24db filter **L4**

24db filter **U5** --> **OUT**

Krell patch (Todd Barton)

KNOBS



NOTES

Patch by Todd Barton, modification by Jos Smolders

<https://www.youtube.com/watch?v=SUtSeCn4p1U>

CABLES

3LFO **U5** → Dual Env **L1**
Rungler **U2** → Dual Env **L2**

Rungler **U3** → LF-VCO **L3**
Rungler **U3** → Dual Env **U2**
Rungler **U3** → 24dbFilter **L4**
Rungler **U3** → Harm Osc **L2**

Rungler **U4** → Harm Osc **U2**
Rungler **U4** → Harm Osc **U3**
Rungler **U4** → 24dbFilter **L1**
Rungler **U4** → OscSync **L2**

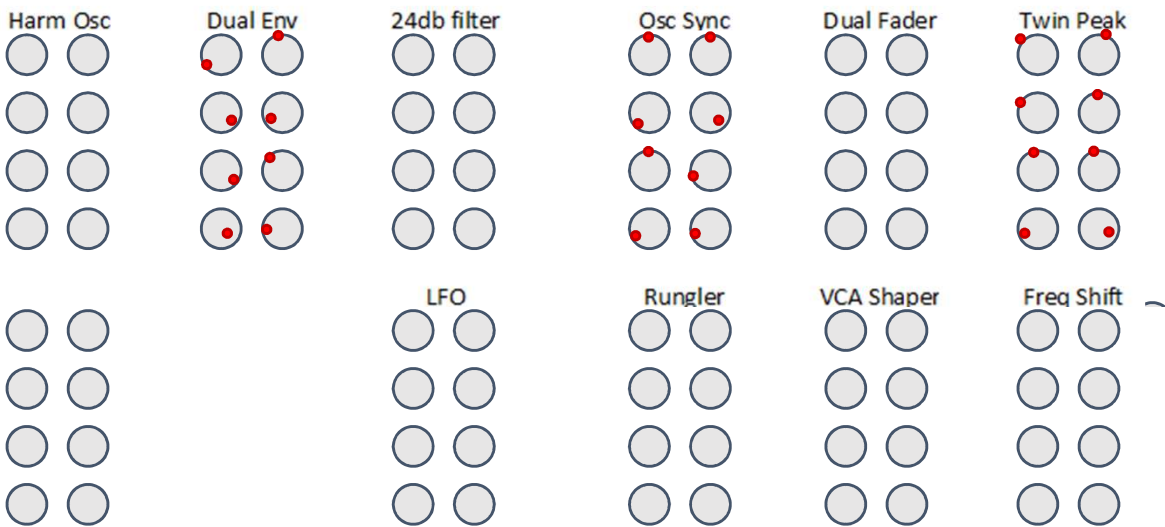
Dual Env **L3** → Harm Osc **U1**
Osc Sync **U5** → Harm Osc **L3**

24dbFilter **U5** → **OUT**

Rob Hordijk demo patch

date 20180929

KNOBS



NOTES

Quick demo that Rob Hordijk did at the Dutch Modular Fest
In Den Haag, September 29, 2018

CABLES

SQ-1 gate → Dual Env **L1**
SQ-1 cv → Osc sync **U1**
Osc Sync **U3** → Twin Peak **U2**
Osc Sync **U5** → Twin Peak **U1**
Dual Env **L4** → Osc Sync **L5**
Dual Env **L5** → Matrix in1
Matrix out3 → Osc Sync **L5**
Matrix **A5** → Twin Peak **L2**
Matrix **A3** → VCA A

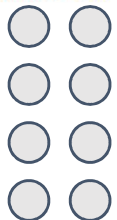
Twin Peak **U5** → Out

Empty patch_____

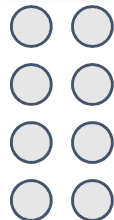
date _____

KNOBBS

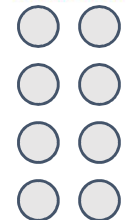
Harm Osc



Dual Env



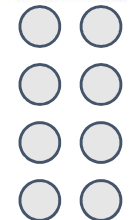
24db filter



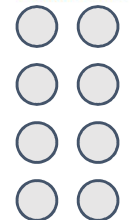
Osc Sync



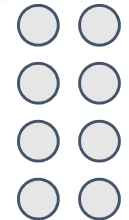
Dual Fader



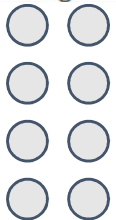
Twin Peak



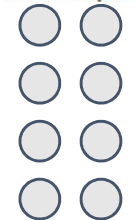
LFO



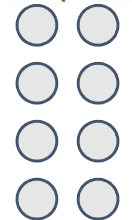
Rungler



VCA Shaper



Freq Shift



A diagram consisting of two vertical columns of four red dots each, representing a 4x2 grid of points.

NOTES

CABLES

[illegible]