versio _travelers guide _for traversing the versio starsystem

11 noise engineering firmwares · **19** more from the community · **30** firmwares on one sheet

[fsu] press · [fsu] hold · › then · noon = 12 o'clock · cw / ccw = clockwise / counter

one world. many minds. · every control below is named by its number on the numbered panel · pink = hold

01 the platform

vrs_01

1–7	seven knobs, each with its own cv jack · 0–5 v · the knob is an offset
abc · xyz	two 3-way switches · positions read left / middle / right
fsu	button + gate jack (high above about 2 v) · each firmware names it: tap, hit, gate…
in 1 · in 2	stereo in · in 1 is normalled to in 2 (mono in = both)
out 1 · out 2	stereo out
LEDs	4 rgb lights · at boot their colours identify the firmware
size	10 hp · 25 mm deep · 125 mA +12 v · 10 mA –12 v

02 swapping firmware

vrs_02

hot swap — official ne firmware · no button combo

1. micro usb into the module and computer · **it can stay in the case, powered**
2. open the noise engineering firmware swap page, choose versio, click **connect**, then **swap** · about half the old time

route usb out of the case to swap mid-patch · micro usb **data** cable · chrome, edge or opera (not firefox, safari) · windows: zadig once

first time — one last swap the old way

old way	power off, pull the versio, unplug its power, usb in, **help** on the firmware page · any ne firmware turns hot swap on · the new builds also fix a dac boot bug

community firmware — a .bin from the developer

most	same swap page: choose custom file · no hot swap: back to ne the old way, with the button combo
some	the daisy web programmer + daisy bootloader v6.4 · dfu: hold boot, tap reset (cithara: hold 1, tap 2)

03 acidclank

vrs_03 · yota mori

frgmnts versio
enter frgmnts sector

live-focused multi-effect hosting four curated effects: glitch / fragment, tape, wash delay, reverb

pay what you want · gumroad · video

vny404 versio
enter vny404 sector

lo-fi vinyl / cassette simulator after the sp-404: wow + flutter, compressor with trigger-in ducking

pay what you want · gumroad · video

04 noise engineering

vrs_04 · 11 firmwares

ampla versio
enter ampla sector

stereo vca + envelope

1 blend · 2 resonance · 3 attack · 4 release
5 decay · 6 sustain · 7 curve
abc lp · bp · hp
xyz 0 · i · ii
fsu gate

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desmodus versio
enter desmodus sector

tail-generator reverb (ships on every versio)

1 blend · 2 speed · 3 tone · 4 index
5 regen · 6 size · 7 dense
abc limit · distort · shimmer
xyz blend · interpolate · jump
fsu max regen, mutes the input

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electus versio
enter electus sector

clocked atmosphere generator

1 blend · 2 speed · 3 tone · 4 index
5 regen · 6 size · 7 dense
abc limit · distort · shimmer
xyz left-leaning · centred · right-leaning
fsu tap

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fala versio
enter fala sector

formant filter

1 fold · 2 speed · 3 q · 4 index
5 a2–a5 · 6 e4–e7 · 7 saturation
abc a · ae · ae3 filter
xyz i · ii · iv parallel filters
fsu tap

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granulita versio
enter granulita sector

granular chord resynthesizer

1 blend · 2 pitch · 3 chord · 4 voice
5 verb · 6 count · 7 length
abc reverse · both · forward
xyz freeze · sync · trigger
fsu hit

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imitor versio
enter imitor sector

experimental delay

1 blend · 2 skew · 3 angle · 4 lfo
5 regen · 6 time · 7 spread
abc limit · distort · shimmer
xyz decrescendo · equal · crescendo
fsu tap

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lacrima versio
enter lacrima sector

the devil's autowah

1 blend · 2 saturation · 3 low / band / high · 4 freq
5 q · 6 envelope · 7 mod
abc pre · bet · aft
xyz 0 · i · ii
fsu fsu

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04 noise engineering

vrs_04 · continued

melotus versio
enter melotus sector

granular texturizer

1 blend · 2 sparse · 3 tone · 4 length
5 regen · 6 delay · 7 cohere
abc reverse · ??? · forward
xyz clock · hold · freeze
fsu flow

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polydactyl versio
enter polydactyl sector

multiband dynamics processor

1 low ceiling · 2 low room · 3 mid ceiling · 4 mid room
5 high ceiling · 6 high room · 7 saturation
abc crossovers 250/1k · 500/2k · 1k/4k
xyz none · some · max
fsu fsu

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ruina versio
enter ruina sector

stereo multi-distortion

1 blend · 2 fold · 3 center · 4 doom
5 phase · 6 drive · 7 8vize
abc under · x · over
xyz off · on · track
fsu smoosh

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yester versio
enter yester sector

simple delay

1 blend · 2 pan · 3 tone · 4 chorus
5 regen · 6 time · 7 fold
abc even · triplet · dotted
xyz fade · octave · jump
fsu tap

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05 third party · mapped

vrs_05

acidus versio
blue nautilus

tb-303 voice: a port of open303 · jack 1 = v/oct, fsu jack = trigger

1 tuning · 2 decay · 3 cutoff · 4 slide
5 resonance · 6 env mod · 7 accent
abc saw · morph · square
xyz baby fish · momma · devil fish ranges
fsu trig

free · github

cithara versio
trickstersam · samuel burt

microtonal sympathetic strings after the ondes martenot palme resonator · mono in / out

1 blend · 2 tonic · 3 tone · 4 mode
5 regen · 6 steps · 7 amp

the two switches pick from a 3×3 tuning grid: 12 · 19 · 22 edo / 24 · 31 edo, 25ed5 / 13 · 17 · 31 ed3 · needs the daisy bootloader

free · github

05 third party · mapped

vrs_05 · continued

crcltr
s3g

dual stereo looper: loop 1 seamless crossfade, loop 2 click-free fades, up to 32 s

1 loop 1 rate · 2 loop 2 rate · 3 xfade type · 4 xfade
5 blend · 6 input gain · 7 output gain
abc record to loop 1 · both · loop 2
xyz thru 1 · silent · thru 2
fsu record while held

free · github

tapeo versio
onoma2

tape delay with fuzz, driven by an envelope follower (beta)

1 blend · 2 tape wobble · 3 tone · 4 fuzz mix
5 regen · 6 clock divider · 7 fuzz
abc fuzz ? · loop · post
xyz follower tri · f– · f+
fsu tap

free · github · demo

triwalkma versio
onoma2

three varispeed stereo "walkmas" recording all the time; the wand picks where

1 blend · 2 left · 3 mid · 4 wand
5 regen · 6 right · 7 dub
abc record gate · on · tap
xyz routing y · 3 · >
fsu gate

free · github

__fig.04 : the star map

30 firmwares by maker

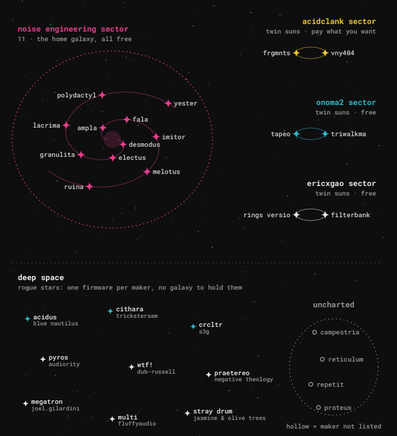
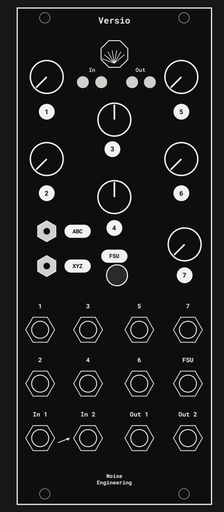


__fig.03 : numbered panel

the numbers every map uses



- [1–7] __knobs : one per parameter
- [1–7] __jacks : cv for that knob, 0–5 v
- [abc] __top switch : left · mid · right
- [xyz] __bottom switch : left · mid · right
- [fsu] __button : the firmware's action
- [fsu] __jack : gate for the button
- [in] __in 1 / 2 : in 1 feeds both if alone
- [out] __out 1 / 2 : stereo out
- [LED] __in / out : firmware status colours

06 more firmwares

vrs_06 · 12 more stars

pyros versio — audiority
9-mode stereo distortion · pre-lpf, post-hpf, bias, bipolar feedback, radio mode
free · audiority.com

praetereo — negative theology
drifting looper: two buffers record by chance, sound-on-sound or chaos
free · modwiggler

filterbank — ericxgao
filter bank processor
free · reddit · drive

multi versio — fluffyaudio
multi-effects processor
free · dropbox · modwiggler

campestria versio — –
reverb
not listed · modwiggler

repetit versio — –
looper
not listed · modwiggler

wtf! — dub-russell
granular / beat-repeat · granular, repeat, cloud modes · ~90 s buffer
free · dubrussell.com

rings versio — ericxgao
a port of mutable instruments rings
free · google drive

megatron versio — joel.gilardini
monotron-inspired delay
free · drive · modwiggler

stray drum — jasmine & olive trees
drum synthesis
see site · jasmineandolivetrees.com

reticulum versio — –
asynchronous delay / looper
not listed · modwiggler

proteus versio — –
generative sequencer / synth
not listed · modwiggler