

Flourish

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SCIENCE

Flourish

A Flourish – or KRUL – is a Dutch check mark. It means that your answer is correct, you have done a good job and that you are done. It is a little dancing “Well done you”.



We have spent a decade creating and playing with these little boxes full of sounds. Some are in their second generation, some have won awards and others have been mostly ignored. To this selection we have added two new modules because the case needed them. We are very proud of all of it.

It has been a fabulous experience working within this community. We are very grateful for all you lovely synthheads, event organisers and other synth builders.

This is our Flourish.

We hope it will bring you much joy and wonder

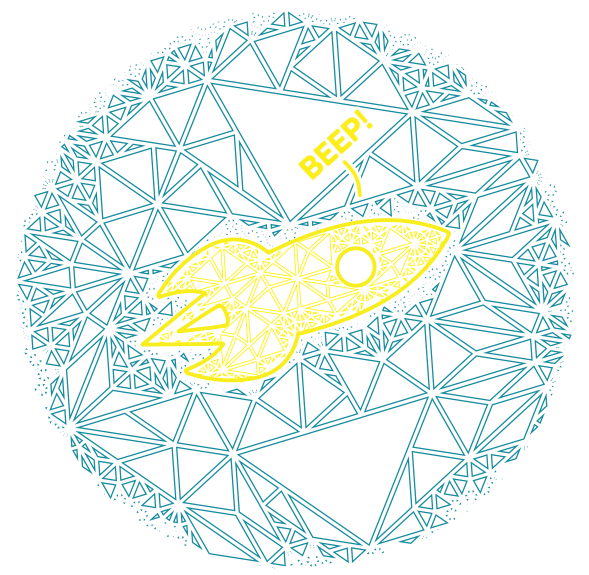
Stijn & Priscilla

Pattern

Our frontpanels all have a pattern that is based on Danzer's 7 Fold tiling; an infinitely irregular subdivision tiling. We use procedural generation to fit this pattern around the knobs and jacks.

We first made this pattern for our wedding as we thought something that seems repetitive but isn't, would be a good metaphor for the day-to-day of marriage. This pattern is also in our wedding rings.

Our lives and our work are intertwined entities. What we make is highly personal. What you make of it, is up to you.



In this case

We start in the top left corner with our MIDI host (1) and NextTuesday MIDI expander so that this wonderful box can interact with any MIDI gear you might have.

The first full module is our NextTuesday (2) which is the second generation of our very first module. She still is a damn good sequencer and melody maker with even more functions and algorithms than the original Tuesday.

Next up is our Ardabil (3) a smart utility module that ties the whole rack together. You need utility.

To the left is our Geometric Anomaly (4) a fully featured analog synth voice that is the love child of our RectangularThing and various Fenix IV bits.

At the end of the top row is a bright module made by our good friend (and Fenix IV co-designer) Vaski. This LED bar (5) visualizes signals and allows you to tune things which is why we put it next to our analog voice.

The bottom row starts with our Switch (6) utility: a completely passive module that does nothing to your signal but allows you to instantly flip between patches and effects.

We continue with not one but two Wobbler² (7). This is our other second generation module. The Wobbler always was our advanced LFO with five interesting waveshapes but now it is also a drumsynthesizer with five interesting regions of drum. Because you want both things at the same time we have given you two to play with.

Our latest release is the Bopp & Steve (8) module that allows you to play reverb as an instrument. This is the evolution of Stijn moving through reverbs for twenty years.

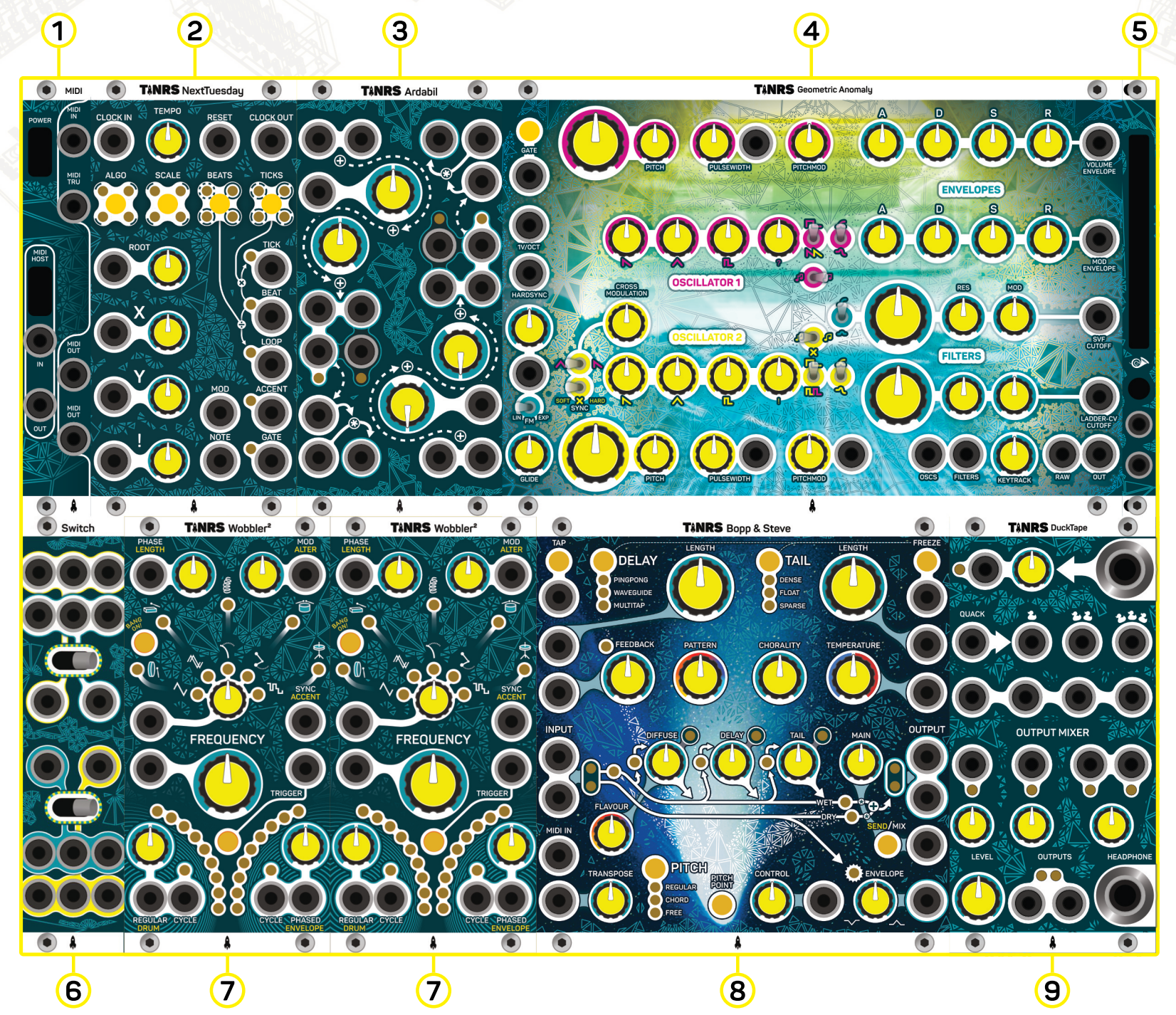
The final module on the bottom row is DuckTape (9) which we built specifically for our Flourish because every case needs a mixer. It also connects to the stereo line output on top of the case.

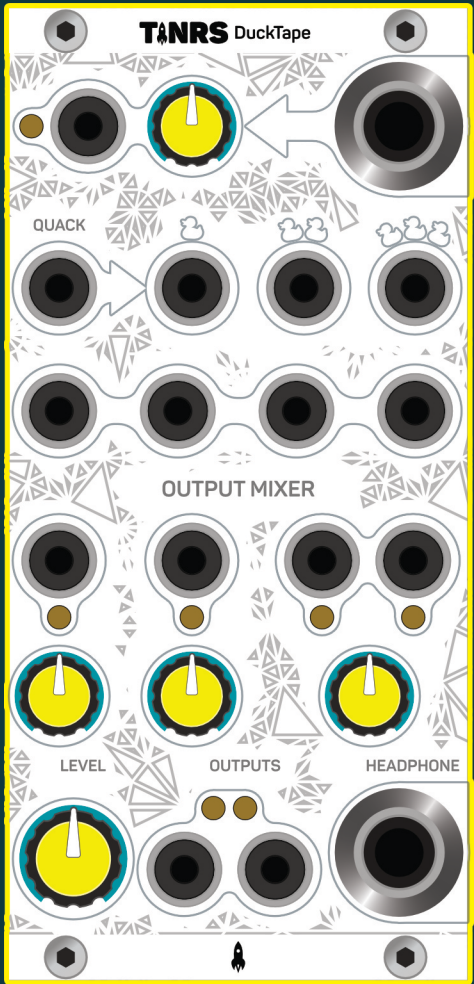
Our Flourish runs on a power board made out of a Fenix IV power backpack. We've overdone it somewhat to keep everything on the electrical safe side and maintain signal integrity. It provides the Eurorack standard voltages +12V/-12V and +5V at up to 4 amp total. Please use the provided power adapter and cable as current and voltage specifications vary wildly between USB-C adapters.

You can switch out any modules with your own though we HIGHLY recommend you leave the MIDI host/expander, NextTuesday and the Ducktape always connected to your Flourish case.

On the back of the case you will find the holes for a VESA mount and some cushy non-slip feet to stand on. On the sides there are two pieces of bamboo that we lovingly oiled for you.

Everything comes in a snazzy suitcase and you can play modular on the spot by hooking your Flourish up to a USB-C power bank as long as it provides 18V/3 amp.





Ducktape mixer

This is how our lovely Flourish connects to the rest of the world. Connecting inputs to outputs and other gear into Eurorack. DuckTape also adds a distortion. Quack quack quack.

1. Big input.

A big line input that goes into a small output jack suitable for Eurorack. In the big jack you can plug in things like a microphone, guitar or a big synthesizer (except guitar amps - don't plug any guitar amps into the line-in as it will make magic smoke come out of your mixer) and out of the little jack comes a Eurorack level signal that can go into the Flourish. You have a level knob between the in- and output.

2. Quack distortion.

You can input any sound from the Flourish and it comes out of the other three jacks with three different levels of distortion.

3. Multiples

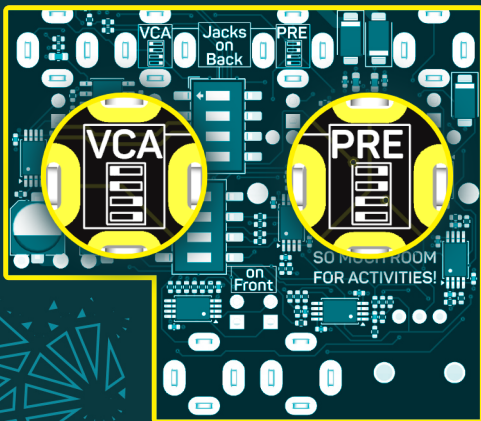
These four jacks are internally connected. Absolutely passive.

4. Output mixer

Here you can plug in three channels of sound. Each channel has it's own level knob and a mix of the three channels is internally routed to the stereo outputs on the front, the headphone output and the case stereo outputs on top of the Flourish. These outputs have one level knob that always determines the volume for the headphone output – via an internal VCA. You can set it to also control the front and case outputs by flipping switches on the back of the Ducktape. It comes set to control the volume of all three outputs at once.

Switches on the Ducks back

There are some really tiny toggle switches on the back of your Ducktape mixer that allow you to change the routing of your mixed signal. If you choose the PRE configuration your signal will be routed to the outputs before passing through the VCA and the level knob on the front will have no influence. If you choose the VCA configuration the knob does influence the level on that output. The toggle switch Jacks on Back controls the outputs on top of the case. The toggle switch on Front controls the outputs on front of the Ducktape.



The Ducktape is internally routed/connected to the case output and we highly recommend you leave it in the Flourish.

Come find us

We are slowly leaving Eurorack but we will leave no module behind. If you have questions, need repairs or you want to share what you've made, you can always find us through our website: www.thisisnotrocketscience.nl

You will also find us at Superbooth, Dutch Modular Fest and various other synthesizer events. You are most welcome at any of the events and jam sessions we regularly organise in Amsterdam. You might also find us on or in front of dancefloors around Europe.

After releasing Flourish we will divert all our attention to developing BigFish. BigFish is our software modular synthesizer keyboard that we have been working on for years. It will play well with your Flourish.



Good together

Some things in your Flourish go particularly well together (we think).

Whacky Lo-Fi beats

You can modulate the drumsounds of one Wobbler² with the LFO of the other one. Temposync this with your NextTuesday to make some groovy beats.

Emergency Acid Techno

Use both Wobbler² as drumsynthesizers, add a bassline with the Geometric Anomaly and pass it through the quack distortion on the Ducktape. Let NextTuesday sequence the lot with lots of slides. Pass the quacked Geometric Anomaly bassline through Bopp & Steve for anthem-sized basslines.

Ethereal soundscapes

Make any sound with Geometric Anomaly and patch this into Bopp & Steve with chord-pitch in the reverb tail. Go slow with long attack, release and decay times on the Geometric Anomaly. Extend it further with long length and high feedback on Bopp & Steve.

Power and go

With a proper power bank you can use this Flourish wherever you like. You can even hook it up to a solar panel.



All that MIDI

Your Flourish case starts with a USB power socket, our MIDI host and our MIDI expander for NextTuesday.

The POWER USB socket gives you power to insert a snake light so you can see your Flourish in the dark (or use it to charge your phone).

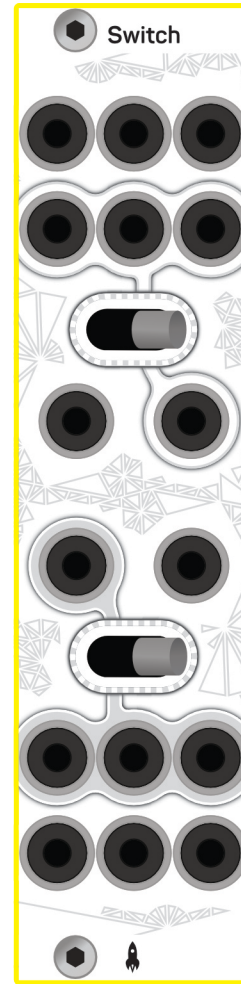
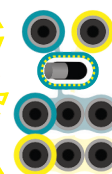
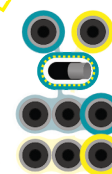
The MIDI HOST USB socket serves and takes MIDI data and routes it to/from the IN and OUT jacks below. You can plug your MIDI controller keyboard into the MIDI HOST and send clock and notes to the OUT jack or have clock and note information patched into the IN jack and send them over the MIDI HOST to your MIDI controller. The host goes both ways.

Our NextTuesday MIDI expander next to it has four jacks: MIDI IN, MIDI TRU, MIDI OUT & MIDI OUT.

The MIDI IN jack patches MIDI data directly into your NextTuesday which will pick out clock/note data. MIDI TRU is an output that passes any MIDI you patch in the IN through so you can apply it elsewhere. Both OUTs give you the note/clock data of the NextTuesday so you can MIDI sequence anything.

Switch

Passive block of selective pass-through. Does absolutely nothing to your signal except pass it on. CV and audio both work. Allows you to make choices by flipping a switch.



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