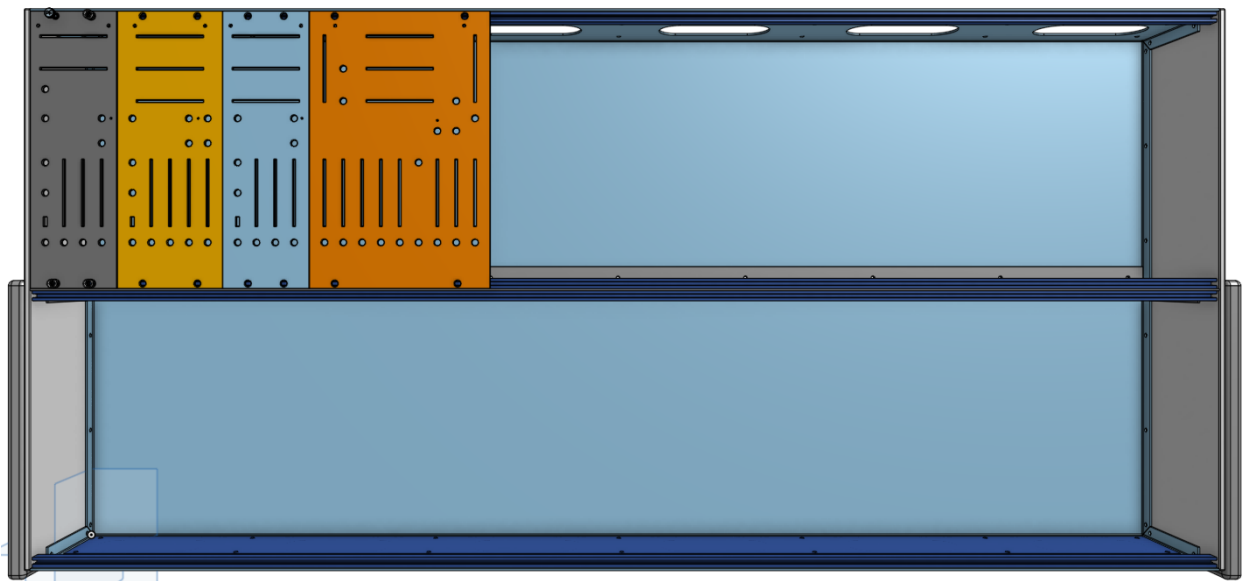


Introducing...

DAVID



By:

LOGAN
SOLOMAN

WHAT IS DAVID?

David is a modular synthesizer based on a famous semi-modular synthesizer from the 70s and 80s. We've deconstructed the synthesizer into modular components that can be normalized like the original instrument, which means you can create a synthesizer similar to the original, or DAVID can be normalized and arranged how *you* want. For current 2600 and TTSH owners DAVID can be an add-on to your system. Would you like extra oscillators, filters, VCAs, or envelopes? DAVID is the solution.

Each building block of the original instrument has been separated into its own module. The current lineup of modules are:

- 4014-2 RM/Pre
- 4027-2 VCO1
- 4027-2 VCO2
- 4027-2 VCO3
- 4012-2 VCF
- 4072-2 VCF
- 4020-2 ADSR/AR ENVELOPE
- 4019-2 VCA/MIXER
- DUAL SAMPLE AND HOLD
- DUAL NOISE
- DUAL VOLTAGE PROCESSORS
- DUAL REVERB
- ADDITIONAL MIXER WITH 8 INPUTS, SPRING DRIVER AND PANNING WITH ADDED F/X SENDS AND RETURNS

Also available after the initial launch will be every filter designed by the original company which will include:

- 4023-2 VCF
- 4030-2 FIXED FILTER
- 4031-2 FIXED FILTER
- 4032-2 FIXED FILTER
- 4033-2 FIXED FILTER
- 4034-2 VCF
- 4035-2 VCF
- 4075-2 VCF
- RESONATORS FROM THE DGX
- SOLOIST VOICE

ADDITIONAL FEATURES

NORMALIZATION

- We've left the boxes blank so you can normalize the system how you would like it
- Stickers will be provided to place inside empty boxes for normalization reference

OSCILLATORS

- All Oscillators have rolling sync. What this means is that you can sync ANY waveform to any other waveform of the other oscillators.
- We've added LEDs to the oscillator panels so that you can see when the oscillator is working.
- All Oscillators will have upgraded components as used in the originals for superior thermal drift

FILTERS

- Additional CV control for resonance.
- 3 extra CV input/sliders
- Addition of overdrive

ENVELOPE

- Added new ranges for new envelope response ranges: .5X, 1X, 10X, & 100X for more flexibility with percussive sounds
- 4 Added outputs – inverted and normal
- Added VC velocity outputs
- Added switch that lets the envelope work as originally designed or in the new mode with the new additions

VCA

- Added Soft Sat Clip & Bass Boost sliders that feed into an overdrive controlled with its own slider.
- Added inverted outputs
- Added inverted and non-inverted inputs
- Added extra linear and expo controls inputs

Sample & Hold

- Dual Module with 2 4015 sub modules

Noise

- Dual module with 2 4022 sub modules

Voltage Processor

- Dual VP module with CV control and 2 sets of active mults

ADDITIONAL NOTES

- The dual noise has cv crossfade and cv level controls
- A gate booster has been added so the synthesizer will play nice with lower gate voltages and has been designed from scratch to work with the 3620 Duophonic Keyboard
- The stereo returns are cv controlled so you can have modulated F/X
- There are 2 reverb tanks so you can have stereo reverb and achieve some new effects that weren't possible on the original machine
- David is named for David and Goliath. Yes, a Goliath synth will be available one day.

NEW MODULES

We have plans for new modules to take the original synthesizer to new places. Here are a few of the modules we have planned for David

Authentic 1047 FILTER

4026-1 COMPLEX WAVESHAPER

4025-1 DUAL JOYSTICK CONTROL SOURCE (Analog vector synthesis)

20 BAND VOCODER derived from the original circuits

BBD 3D CHORUS

ANALOG PHASER

DUAL CROSS PING-PONG DELAY

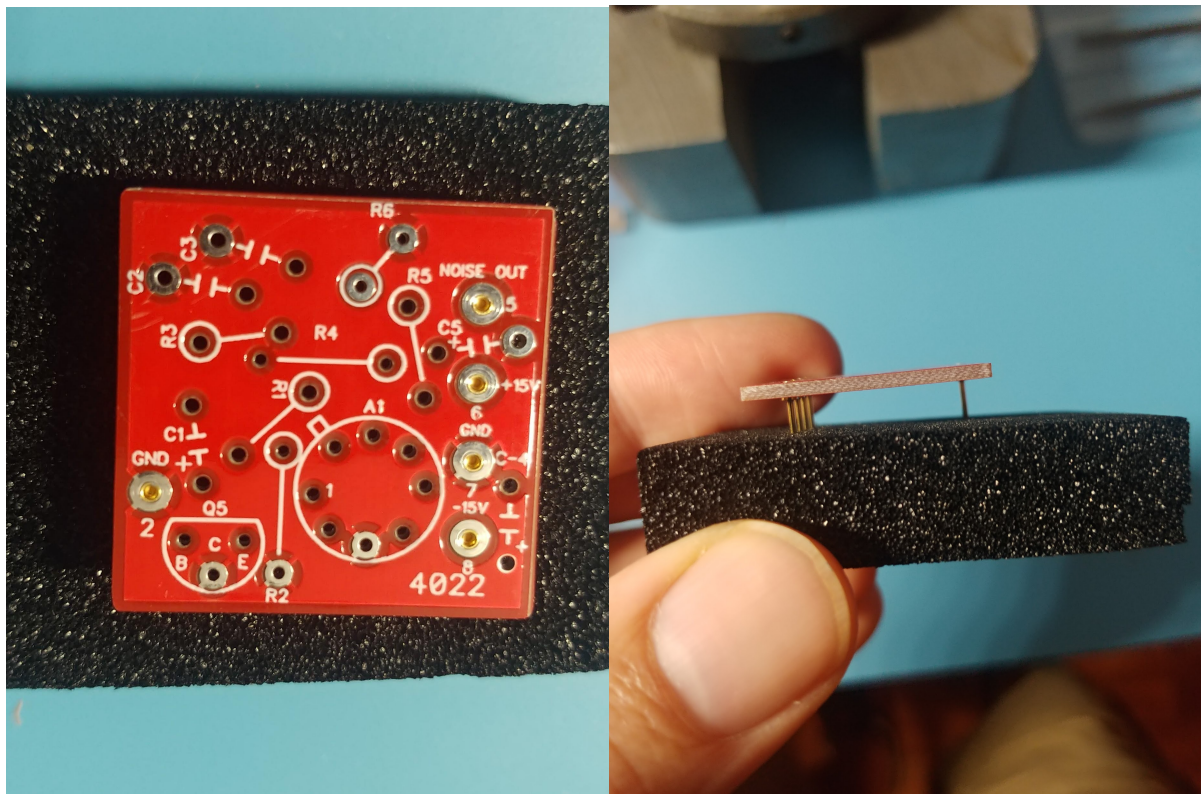
These are just a few on the table right now, we're all ears for any requests you have. If there is enough interest we would add the module to the lineup.

REPAIR YOUR EXISTING SYNTH OR DESIGN YOUR OWN

Are you looking for higher-quality, more affordable alternatives than what's currently available for broken sub-modules in your synthesizer? Do you design modules yourself? If so, you can use DAVID sub-modules in your designs or repairs.

Our sub modules will be available separately from DAVID. They are the same size as the original sub-modules and work in the original synthesizers. Gone are the single layer sub-modules with weak traces and pads. These are four layer PCBs with a brand new solution for securing the sub-module to the motherboard.

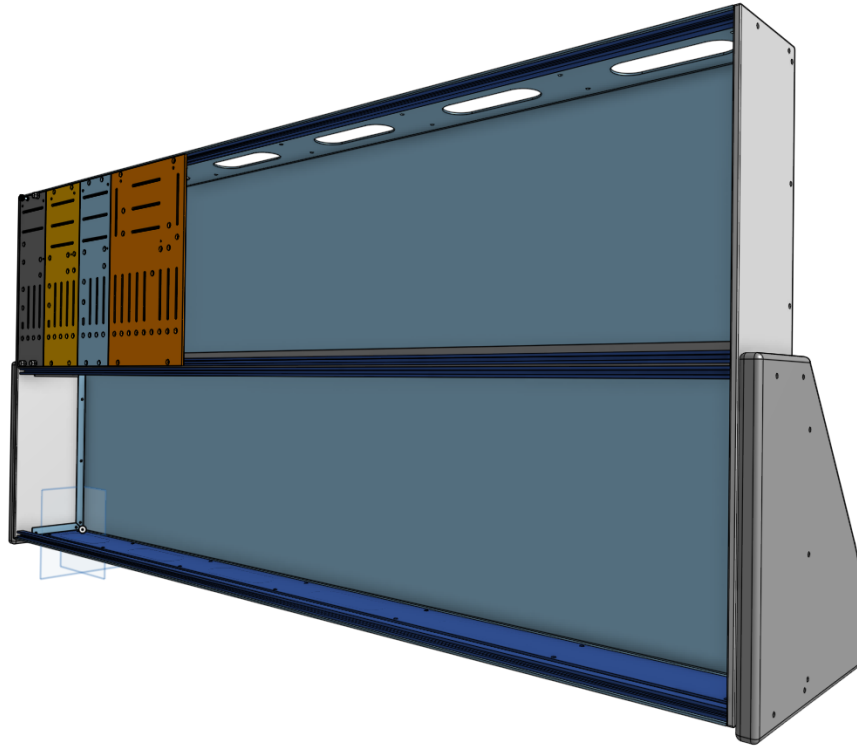
Prototype 4022-2 sub module



Notice the gold plated pins professionally pressed to make a strong mechanical bond with the PCB.

FORMAT

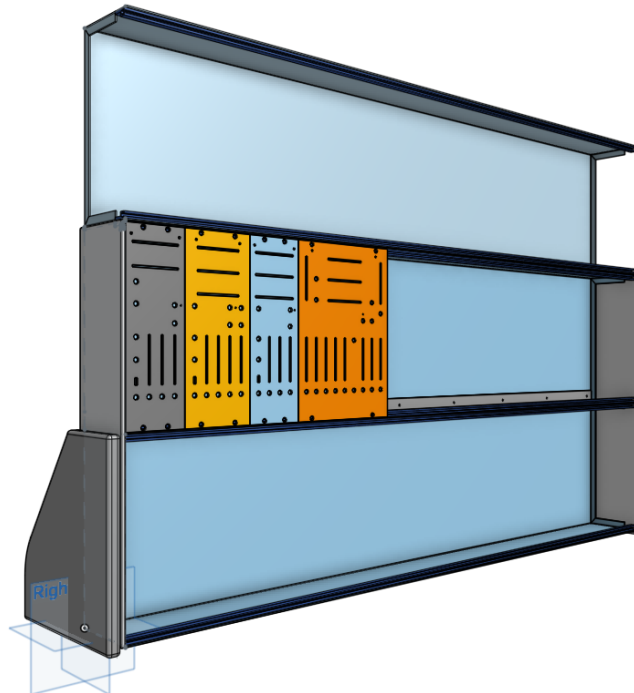
DAVID modules are 11 inches tall. Every attempt was made to squeeze the panels into a 6U format, but we couldn't make it happen without squashing the graphics. We also did not want to compromise on the size of the PCBs



*Final case may change from image shown

LIMITLESS POSSIBILITIES

DAVID's case has been designed to allow for expansion, giving you the freedom to build a dream system that can take the original synthesizer to places you never thought possible.



MANUFACTURING

When enough orders are received, DAVID will be made in the USA by Polyfusion Electronics, Inc. in Buffalo, NY (Yes, the same guys that are re-introducing their modular synthesizers again). Polyfusion is known for their attention to detail and insane quality in the CEM world.

Only the highest quality components will be used in DAVID; four layer PCBs, .1% metal film resistors with low ppm, audiophile quality carbon resistors, and high quality capacitors. In order to retain the original sound of the synthesizer that inspired DAVID, we are using the same transistors and metal can op amps as used in the original.

As of now, Van Damme install cable will be used to normalize modules together, and heat resistant six-core flex cable for connecting powering to each module. All cables are twisted in sheath and will make the synth nice and tidy on the inside.

PRICING

Retail pricing for fully built Davids will be announced shortly. To be notified when DAVID goes on sale, please email us at the address below.

***** DIY David *****

Limited quantities are available to build DAVID yourself if you have the skills. We are estimating the cost for building David yourself to be about \$3,000 to \$3,500.

At this point once Alpha kits are gone, there will be no more DIY kits available and DAVID will only be professionally made with a new PCB color to distinguish between prototypes and DIY built units.

WHY ALPHA?

When people join our Alpha groups, they have access to DIY projects that the general public will not. After David Alpha and Enigma Alpha reach their limits for entry, we are closing the groups. And after about 2 more projects we will no longer create NEW projects for DIY. We will continue to sell current DIY projects, we just won't release anything new to DIY...except to our Alpha family.

One of the major projects we are doing next year is the big brother, the 25xx. That will be a retail synth only. But for those that built Enigma Alpha or David Alpha – they will have the opportunity to build it DIY. That's only about 80 people.

There were 50 spots open when we opened the David Alpha group. The number of spots left is about half of that.

MORE INFORMATION

For more information find the public **Logan Soloman** group page on Facebook, or email at logansolomansynths@gmail.com. Currently David ALPHA and Enigma ALPHA groups are closed to the public, but searchable.

