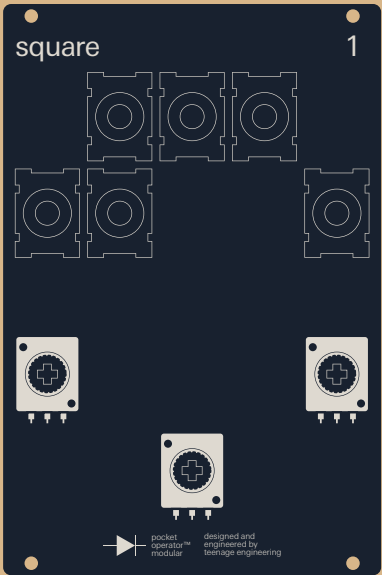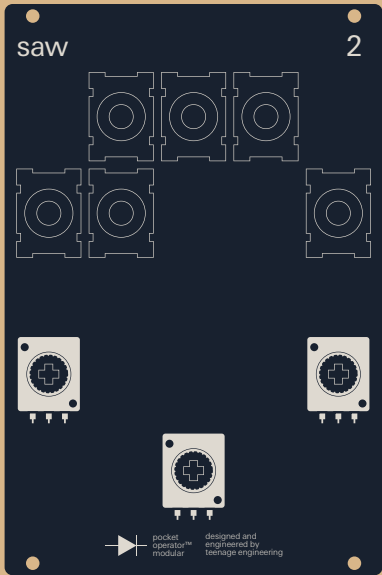**M**

1

square

square

square oscillator

rich in odd harmonics, the square wave oscillator is great for hollow basses and screaming leads.
the pulse width modulation (pwm) input makes it possible to generate a faux two oscillator detune sound.
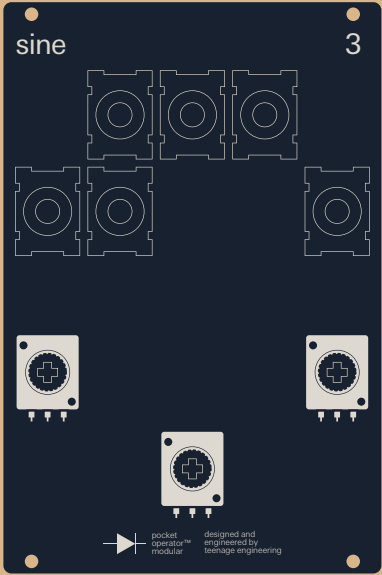
2

saw

saw

sawtooth oscillator

containing both the odd and even harmonics, the sawtooth is great for string types of sound.
the linear frequency modulation input (fm) easily brings you into the sci-fi domain.

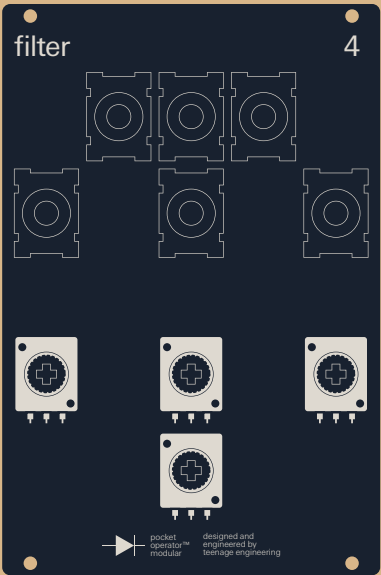# 3

sine

sine

sine oscillator

with no overtones the pure sine wave is a jack of all trades. from pure bass to dub sirens, it's the army knife of a modular system.
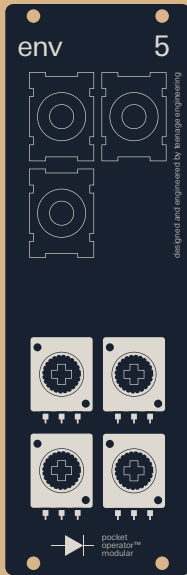the linear frequency modulation input (fm) easily brings you into the sci-fi domain.

4

filter

filter

low pass filter

shape your sound with the 24db/oct low pass filter. get lost in space while tweaking the resonance and frequency pots..
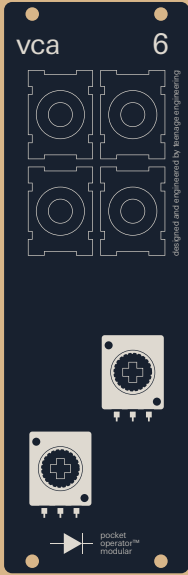
5

env

env

envelope

a classic. attack, decay, sustain and release. give your sonic creation the contour it deserves. triggered by any signal that crosses the two volt threshold.
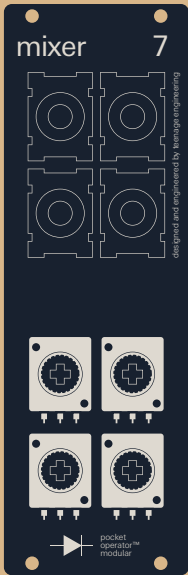
6

vca

vca

voltage control amplifier

automate your volume! feed it control voltage and your signal will adapt accordingly.
best friends with the envelope for classic configurations, and your oscillator in wired configurations.
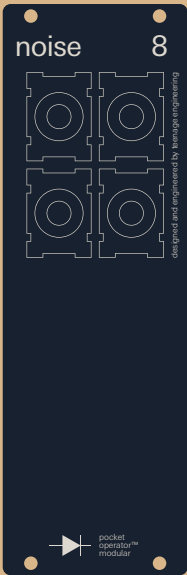
7

mixer

mixer

3-channel mixer

a necessity in all modular systems. three inputs, one output with volume control over both the individual inputs as well as the master output.
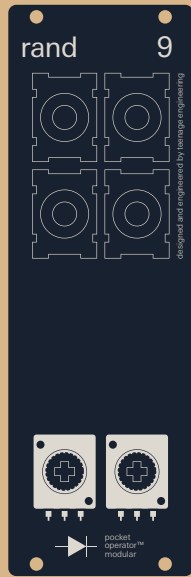
8

noise

noise

2 x noise

the white noise contains noise equal over the whole spectrum. the saw output is a perfect companion to the sample and hold.

9

10

11

12

13

14
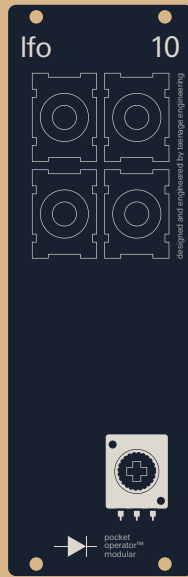
rand 9

lfo 10

speaker 11

sequencer 12

won ton 13

rand

randomise your music with the sample and hold. any input is sampled and then presented at the outputs. rate can be controlled both externally and internally, but always needs and external signal to sample. experiment with both receptive and random sources as the sample input.
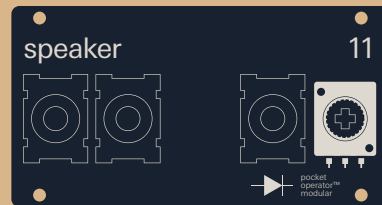
lfo

low frequency oscillator

generating both square as well as triangle waves, the low frequency oscillator is the perfect tool to spice up your patches. great in everything from automated filter sweeps to syncing the clocks.
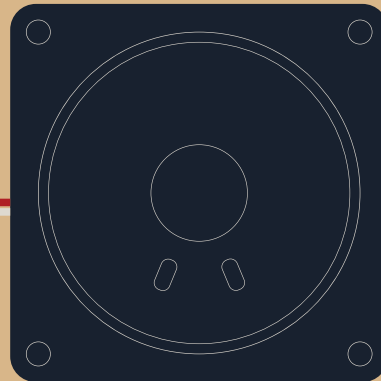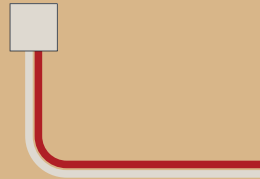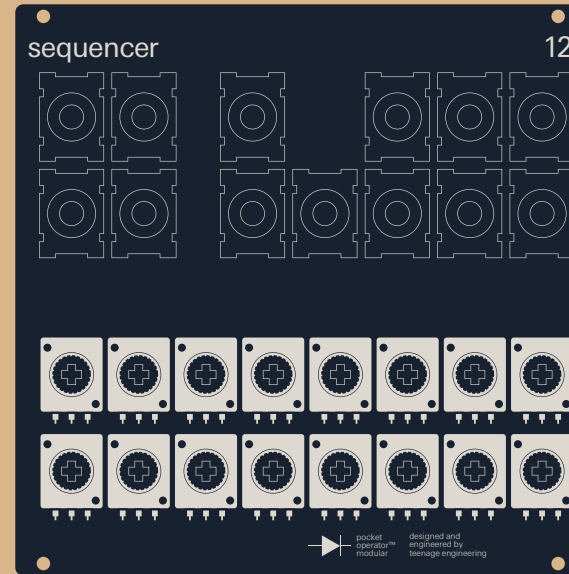
speaker

amplifier + speaker bellow

cables goes in, sounds come out. show off your amazing patch to the rest of the world. let them hear it.

sequencer

16-step sequencer

sixteen steps of control, override the internal clock with the clock input. make it go backwards with the arrow input. jump to the first step, the second, fourth or eight

step with the reset and binary inputs. or just reset it to the first step by setting the stage pot to max.

mystery module

number 13

won ton 'animal' chin entered the modular scene with this unit back in the late 80s during a skate /modular retreat. the rumor says that this module will never be for sale, just given away at special outdoor gatherings.

power distro

20 unit power hub

the central nervous system and the connection hub for all the power. bend the led 180° and fit it through the hole to get front panel light action