

Drums4 Eurorack module



Drums4 is a 4 voice, sample based percussion sound generator. Each voice can select its sound from a 48 sample global bank, samples are curated from my own collection of percussion sources used in my music. Each sample can be tuned and has an individual output for independent processing , and there's also a simple mixer that controls levels to the main mixed output. Operation is simple and intuitive, the selected sample is remembered after power down for each of the 4 voices. Incoming triggers are displayed on each voice led indicator.

Controls:

for each voice:

-**PITCH potentiometer** : for tuning sound over a wide range.

-**SAMPLE SELECTOR encoder** : allows choosing among 48 global samples , setting is remembered after power down

-**MIX potentiometer**: adjust blending of each voice to the mix output

Connectors:

for each voice

TRIGGER jack : trigger or gate input , accepts a wide range of sources from 5v to 12v

OUT jack : individual sound output for voice

CV jack : allows external control of voice pitch, 0 to 5 volts range, over voltage protected.

Main Mix jack: summed output of mixed voices, controlled with mix pots.

Specifications:

width : 12HP

depth: 28 millimeters

Power consumption: 130 milliamps +12v , 10 milliamps -12v