

**MATTER
II**

CV

VAC V+

CV

OUT

CV

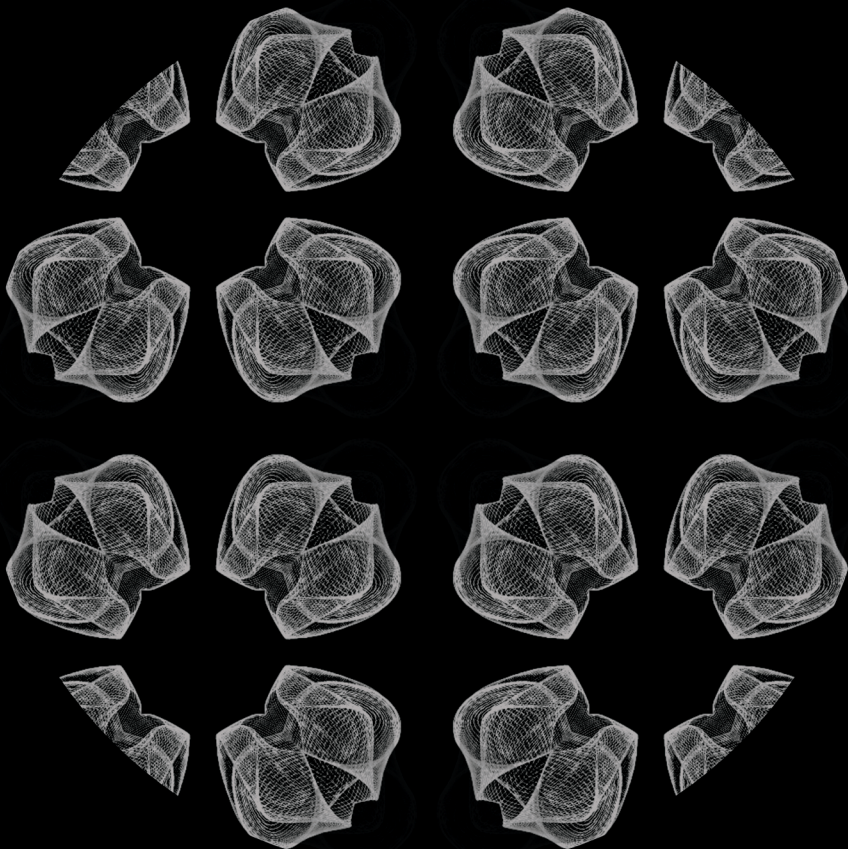
V+


V+

V+

TOPIK







Thank you
for your support of Folktek.
We hope you enjoy the work.

If you have questions or concerns
please contact us via Folktek.com



Matter ii is drum synthesis for eurorack.

However, Matter ii is all about experimentation and while it, like the original, is capable of a broad array of drum sounds, it's capable of much more, from drone and noise to waveshaping and distortion.

- ~ Use eurorack standard ribbon cable power.
- ~ The power connector is shrouded so it can't be plugged incorrectly.

~ + 0-5v CV or +5v gate/trigger signals are suggested for either/both v+ as well as cv inputs.

- ~ There are 3 sections - each a repeat.

To create a patch, simply plug the supplied 2m banana plug (pin) into a section's upper and/or lower matrix. Send +0-5v to V+. Use the control to change your sounds or tuning.

More than 1 plug can be used in any matrix, but understand that this creates a direct connection between two or more points, often resulting in drastic changes to the patch and often straying from the notion of "drum sound" triggering.

Patching

section 1 section 2 section 3

MATTER

cv control
0-5v with
attenuation

v+ accepts 0-5v
trigger/gate/cv
to activate
synthesis

For future
cards. Store
unused plugs.

audio output

kills audio

out.

Audio
only passes to
"out" when a
positive voltage
is received,
activating
the internal
vactrol.

reference
numbering



determines amount of V+ in is sent
to either patch point, mixes lower and
upper patch points, attenuates cv

~ Most trigger points (sounds) are held high when receiving voltage so they tend to have attack and release peak points.

~ In these cases, an incoming gate or trigger will produce a single sound, whereas a longer gate will produce a peak, a hold, and another peak at the end.

~ Matter ii has a very specific noise (literal), which is deductive, with certain trigger points or direct point to point patches killing that noise.

~ In a manner of speaking, this creates a subtle inverse of noise bursts.

Optionally, there is a trim on the back which allows one to dial out noise completely.

This will change the character of noise-based trigger points.

~ There is an organic quality to the behavior of Matter ii. As patches become developed, you'll notice all things become reactive.



- ~ External audio processing can be accomplished by sending any external audio into any or all V+, and patching one of the pins into the matrix to determine the entry point in Matter ii circuitry.
- ~ Different entry points will determine how the audio is shaped and the control knob/cv will allow further shaping and filtering.
 - ~ Use of our "Root" module helps greatly to accomplish this by allowing for deeper processing and more active control.
- ~ Future cards will be available to bring Mater ii into new territory.
 - ~ Two Matter ii, as well as the original can connect together to create new possibilities.
 - ~ Enjoy the process.



