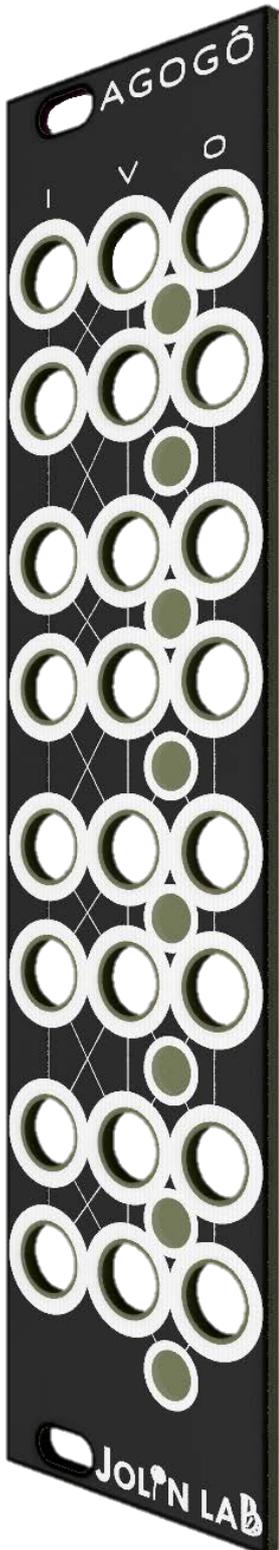


AGOGÔ

Stream of Gates



AGOGÔ is an octal analogue vactrol-based low pass gate and mixer in a cascade configuration.

Each one of its input, CV and output is normalized and buffered to the next one: it can be used as a multiplier and a mixer for both audio and CV.

One way to imagine AGOGÔ is to use water and streams.

In the module we have three sections:

- "I" - inputs
- "V" - CVs and modulations
- "O" - outputs

"I" is flowing from top to bottom. An input inserted in the first socket will be buffered and it will flow unaltered to the next. If a cable is inserted, the connection will be interrupted.

"V" works in the same way but there is some latency in the interruption due to its chained vactrol configuration. This means that with a single control voltage you can open all the gates simultaneously.

Combining the features of both "I" and "V" you can - for example - control a single signal with 8 different CVs or 8 different sources with the same CV. This stream can be interrupted in any point: this means that all the LPGs can be used individually or in pair for stereo effects or send/return divisions.

The last stream, "O" represents the end of the flow, the river mouth. It acts as an active mixer, letting you mix 8 or more signals. As in the other streams, the connection can be interrupted in any given point to create sub mixes or individual outputs.

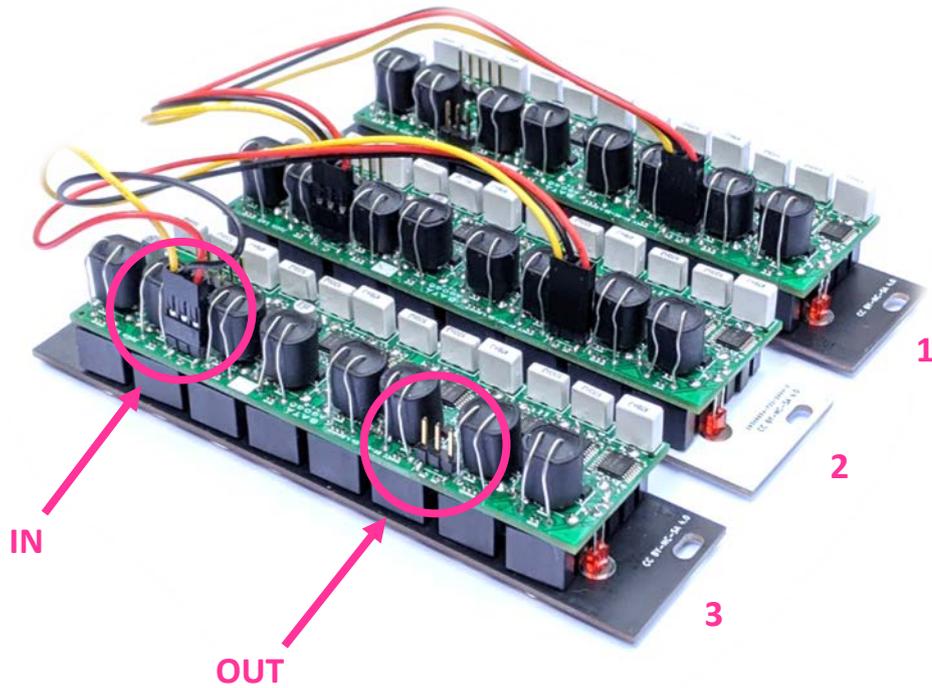
More units can be chained together thanks to headers on the back. This chained configuration will add saturation to the final out.

To chain more AGOGÔ together connect the OUT header (bottom of the module) to the IN header of the next one (top of the module).

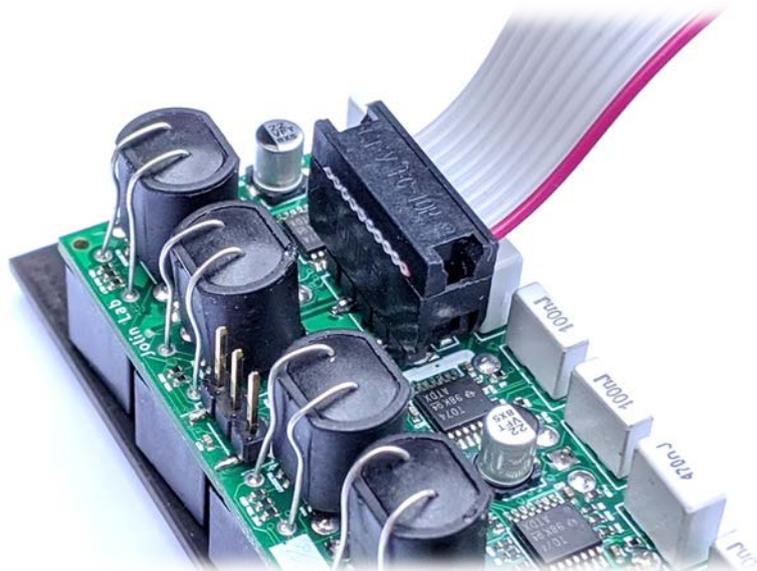
Remember to not twist the cables: if red is at pin 3 of the header, it should be at pin 3 of the next module header.

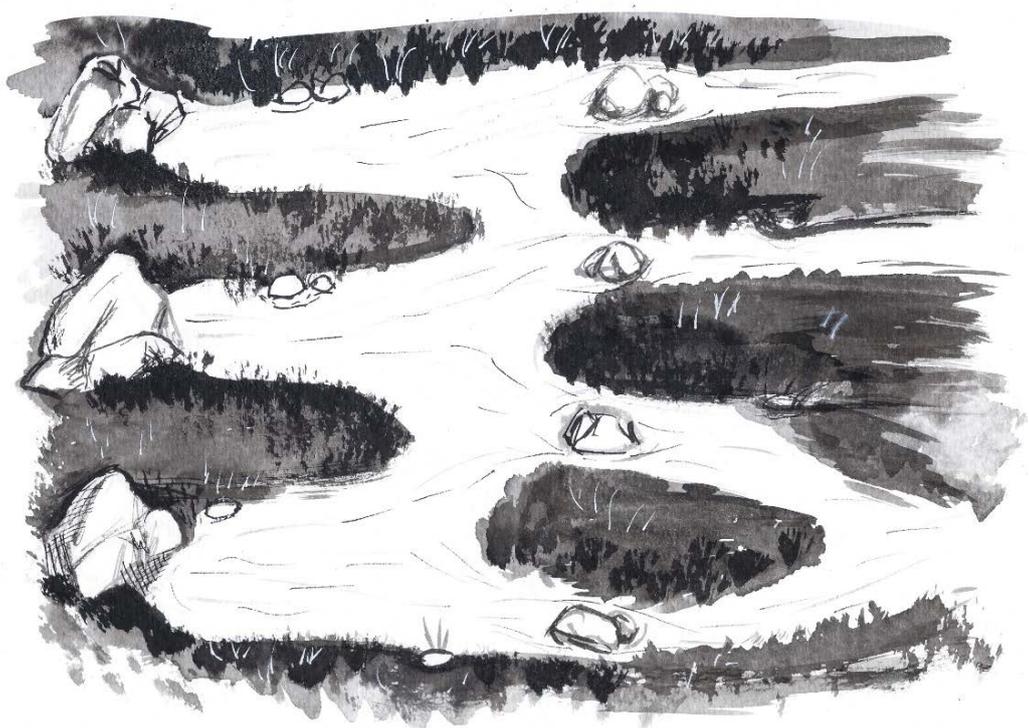
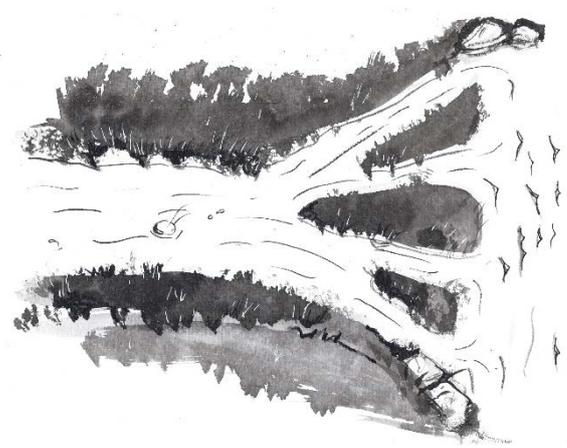
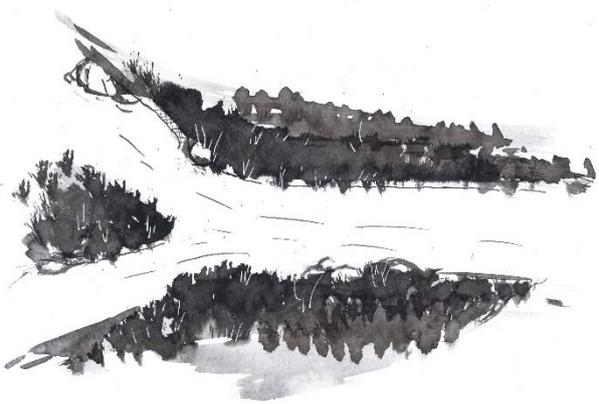
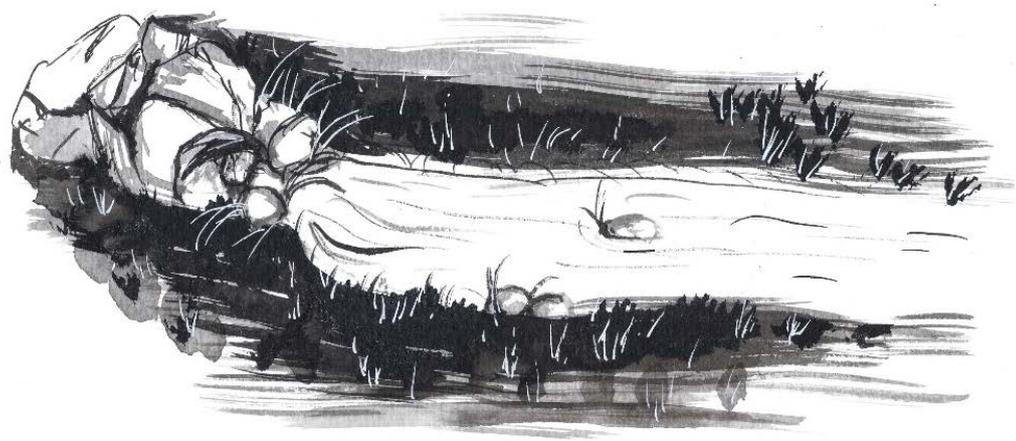
Refer to this picture if you have any doubts:

The OUT header of module 1 is connected to the IN header of module 2 and the OUT header of module 2 is connected to IN header of module three.



the power header is not boxed and one row:
red line -12v goes at the bottom





features:

- 8 independent LPGs
- Four groups with two LPG flavors: light (top row) and heavy (bottom row)
- Each input (“I” column) is normalized to the next one
- Each CV (“V” column) is copied and distributed to the next LPG
- Each output (“O” column) is mixed into the next output stage
- More units can be chained together directly using headers on the back of the module
- DC coupled - it works with both audio and CV
- Reverse polarity protection diodes

technical specs:

Current draw¹ ⇒ +12v 180ma / -12v 100ma / +5v 0ma

Dimensions ⇒ width 6HP, depth 28mm

Demos and other documentation at
jolinlab.com/agogo

find us:

web ⇒ www.jolinlab.com

email ⇒ jolinlab@gmail.com

Instagram ⇒ [@jolinlab](https://www.instagram.com/jolinlab)

YouTube ⇒ [Jolin Lab](https://www.youtube.com/JolinLab)

¹ Due to the module high density and small package, some components can get warm. This is normal and will not affect its functionality and operations. Current draw is tested with all the LEDs lit. Be sure and aware to have a good and strong power supply to power up one AGOGÔ or multiple units together.