

Geo-Grüvn

Model 1655 by Synthetic Sound Labs.



6 Channel Euclidean rhythm gate sequencer for Synthesizers.com format modular synths.

Inspired by the brilliant efforts of Japanese designer Hagiwo. Enhanced by SSL and produced with kind permission.

Features:

Clear, bright color LCD display allows simplified operation.

All outputs follow pulse width of input Clock.

Reset input immediately sets all channels to step 1.

Responds to clocks well into the audio range, so it can be used as a 6-channel frequency divider. /1 to /16.

Operation:

Operation uses rotary encoder with push button shaft.

Rotate the encoder to move the triangular shaped cursor to one of 6 main functions - Channel, Hits, Offset, Length, Mute or Memory Storage.

Main Functions:

Select Channel (#): The number in the upper right side indicates the selected channel. Select by pressing the encoder button.

Hits ("H"): Number of gate outputs for the selected channel. Allows changing the Hit count – 0 to 16. Shows output steps by vertices of the polygon shape. Select by pressing the encoder button.

Offset ("O"): Offset of the Hits starting point steps – 1 to 16 selected by encoder button. Rotates clockwise.

Length ("L"): Length of this channel's sequence. Number of steps in this channel's sequence before resetting back to step one. 0 to 16. The number of dots on the channel's circle indicates the length. Great for creating complex polyrhythms. Select by pressing the encoder button.

Mute ("M"): Disable the output of the selected channel. Toggle on & off by pressing the encoder button.

Storage ("+"): Sub-menu that displays Load, Save and Clear of eight different sequence presets to & from non-volatile memory. Each preset contains all six channels, so you can easily save your sequences. Choose the option by rotating the encoder and pressing the encoder button to select.