

aximorph

User Manual

orpho aximorph Eurorack Gate-Sequencer



1. Connections and Hardware

Ensure that the Aximorph Eurorack Gate Sequencer is correctly connected to your Eurorack system. This includes powering it and connecting it to other modules that respond to the gate signal. Make sure your system provides a 5-volt power supply. Older systems may require an additional 5V adapter.

After turning on the Aximorph Sequencer, the current firmware version will be displayed on the screen. Startup: To start and operate the Aximorph Sequencer, follow these steps: Connect your master sequencer to the Clock input (Clock In) of the Aximorph Sequencer to ensure synchronization.

Start: your master sequencer according to your sequencing requirements. The Aximorph Sequencer begins its sequence with an initial rotation of eight steps. Note that you can adjust the number of steps later. By following these steps, you can set up the Aximorph Sequencer and customize your sequence as desired.

2. Display

The sequencer display shows the current state of the sequencer, including the positions (steps) that are activated or deactivated and the selected pattern, represented by three arrows running either to the left or right.

(« ») Shows the two patterns that run either clockwise or counterclockwise.

(S:) Steps - Displays the steps currently being traversed.

(TS:) Total Steps - Shows the total steps in rotation. (GOT:) Gate Out Steps - Indicates the number of currently set steps.

(CL:) Clock - Shows the factor of the incoming clock. When "x1" is selected, the sequencer responds normally to the incoming clock signal. When "x2" is selected, the clock pulse is doubled.

By using these steps and displays on the screen, you can precisely control the Aximorph Sequencer and adjust the clock factor according to your requirements.

3. Centrifuge (Rotary Encoder)

The centrifuge rotary encoder is used to set the number of positions in the sequencer. Rotate the encoder clockwise to increase the number of positions or counterclockwise to decrease them. The number of steps can be set from 1 to 128.

4. Centrifuge-Button

The centrifuge button is used to activate or deactivate steps in the sequencer. Press the counter button to change the current step. This can be used to generate trigger signals for specific positions in the sequencer.

5. Clear-Button

The clear button is used to reset all steps in the sequencer. Press the clear button to deactivate all positions. Note: The clear button also clears the second pattern in reversal mode.

6. Reset-Step-Button

The reset step button is used to reset the current step in the sequencer and return it to the starting position. This is useful for better synchronization of the Aximorph Sequencer with other sequencers and ensuring that all sequencers start from the same point. The reset can be triggered manually by pressing the button or by an incoming gate signal at the reset input jack.

7. Reversal Mode (Second Independent Pattern)

The reversal mode allows you to put the sequencer into reversal mode. In this mode, the rotation of the sequencer is reversed, resulting in a change in the direction in which the positions are traversed. It is important to note that the reversal mode represents a second, independent pattern in the sequencer. This means you can switch between two different sequence patterns.

8. Factor2 Mode (Double Clock Speed)

The Factor2 mode expands the creative possibilities of the Aximorph Sequencer by doubling the sequence speed and facilitating the creation of ratcheting effects. This can be done manually using the button or by an incoming gate signal at the Factor2 input jack.

9. Move-Button

The move button allows you to manually control the rotation of the sequencer when there is no gate signal present. This provides the ability to add or remove steps intentionally. Press the move button to move the sequencer one step forward even when no gate signal is present. This is helpful for setting precise positions in the sequencer or deleting steps.

Additionally, the move button has a special function: when the button is held down with an incoming clock signal, the sequencer is paused for that moment. In this state, you can set or delete the current step located in the current rotation ring. Once the button is released, the sequencer resumes its normal operation.

This function allows for precise and flexible editing of steps during ongoing sequencer operation.

General Note: Please be aware that the two patterns in the Aximorph Eurorack Gate Sequencer are not permanently saved and will be lost after turning off the sequencer.

Interstellar greetings from Berlin 2023!

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