

Kompulsion

Operation Manual

Version 1.0.0



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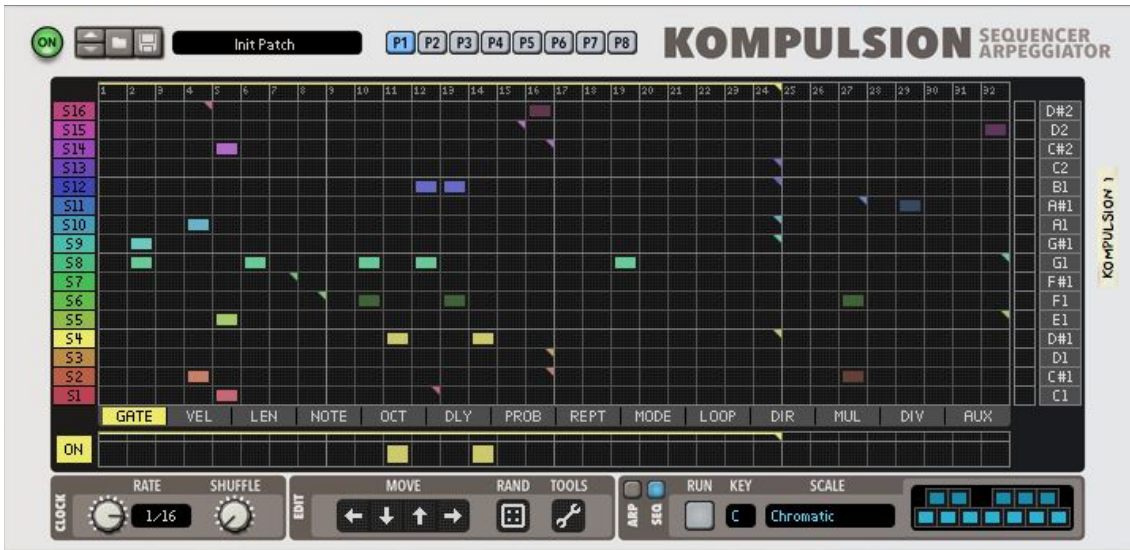
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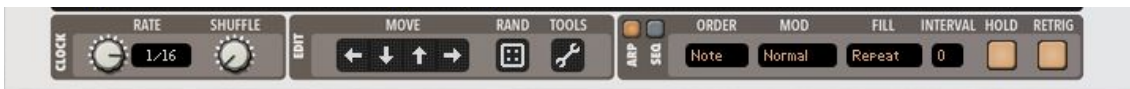
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Introduction

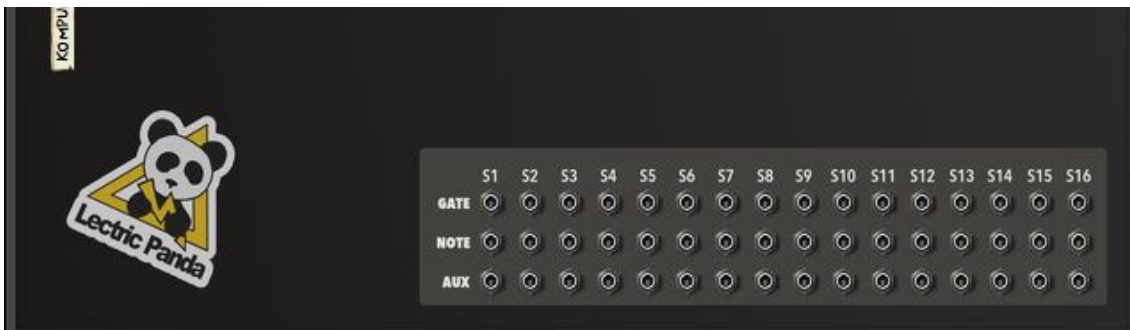
Kompulsion is a Player Rack Extension for Propellerhead Reason. It has two major modes of operation. The first mode is the traditional matrix-style sequencer with selectable key and scale. The second mode is the arpeggiator, which uses incoming notes to fill out the scale. Each row in the matrix (S1-S16) acts as its own mini monophonic sequencer.



Front Panel (Sequencer Mode)



Front Panel (Arpeggiator Mode)

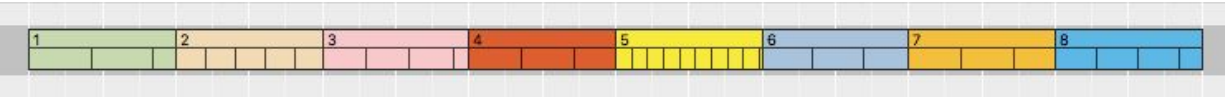


Back Panel

Pattern Selection



Selects the current pattern. This selection can be automated with the Pattern Lane.



Main Clock



Rate



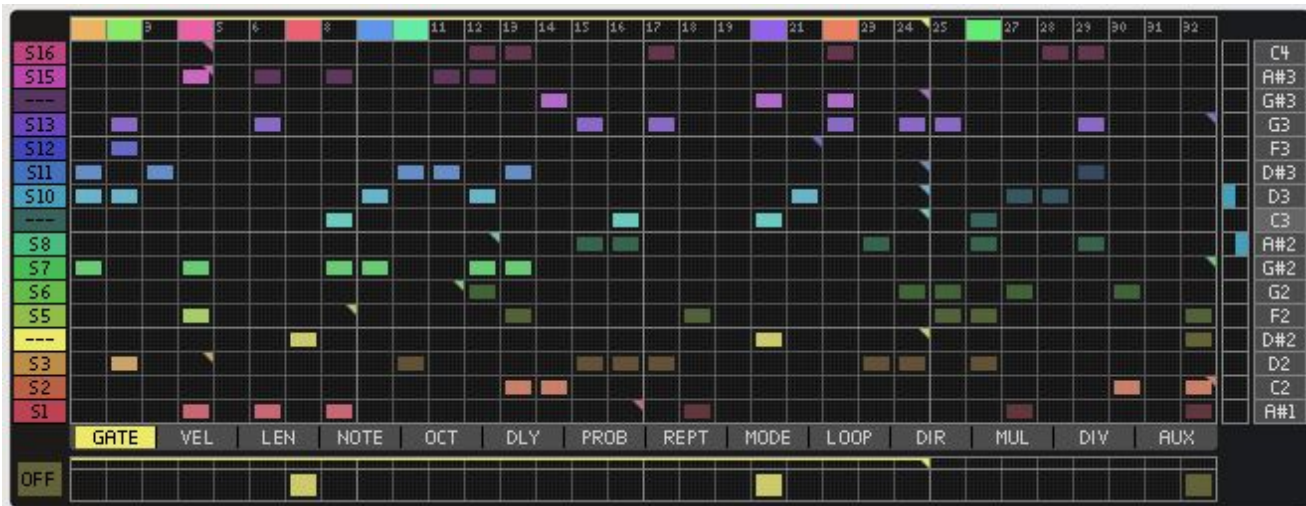
Sets the main base clock rate. Available rates: 32/4, 28/4, 24/4, 20/4, 16/4, 12/4, 8/4, 7/4, 6/4, 5/4, 4/4, 7/8, 3/4, 5/8, 2/4, 7/16, 5/8T, 3/8, 4/8T, 5/16, 1/4, 3/16, 2/8T, 1/8, 1/8T, 1/16, 1/16T, 1/32, 1/32T, 1/64, 1/128.

Shuffle

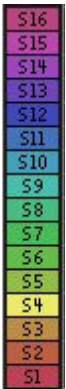


The shuffle parameter will introduce a shuffle into the playback. Available with rates from 1/8 to 1/128.

Main Editor



Sequencer Selection



Selects the current sequencer for editing.

Key Modifiers

Option/Alt - Toggle sequencer on or off.

Shift+Option/Alt - Turn on sequencer, turn off others.

Edit Selection



Selects which values are currently shown in the matrix editor.

- **Gate** - On / Off of each step
- **Velocity** - Velocity of the note
- **Length** - Time duration of the note. 100% will create a slide to the next note.
- **Note** - Note offset
- **Octave** - Note octave offset
- **Delay** - Time delay the step
- **Probability** - Percent chance that the note triggers
- **Repeats** - Number of repeats
- Repeat **Mode** - Mode of the repeats
- **Loop Length** - Length of the sequence
- **Direction** - Playback direction of the sequence
- Time **Multiplier** - Multiplies the main clock time
- Time **Division** - Divides the main clock time
- **Auxiliary CV** - Aux Output CV on back of device

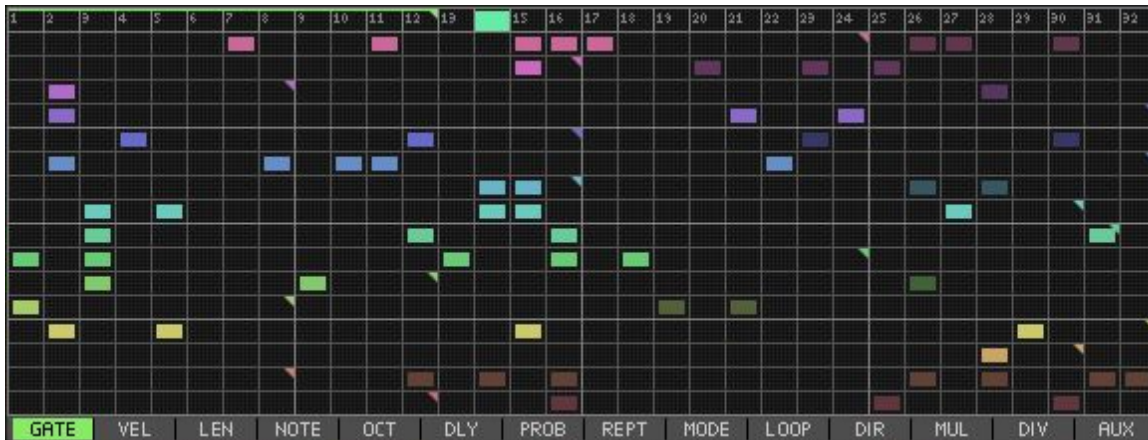
Main Editor

Key Modifiers

Shift - Draw a line / Draw a range.

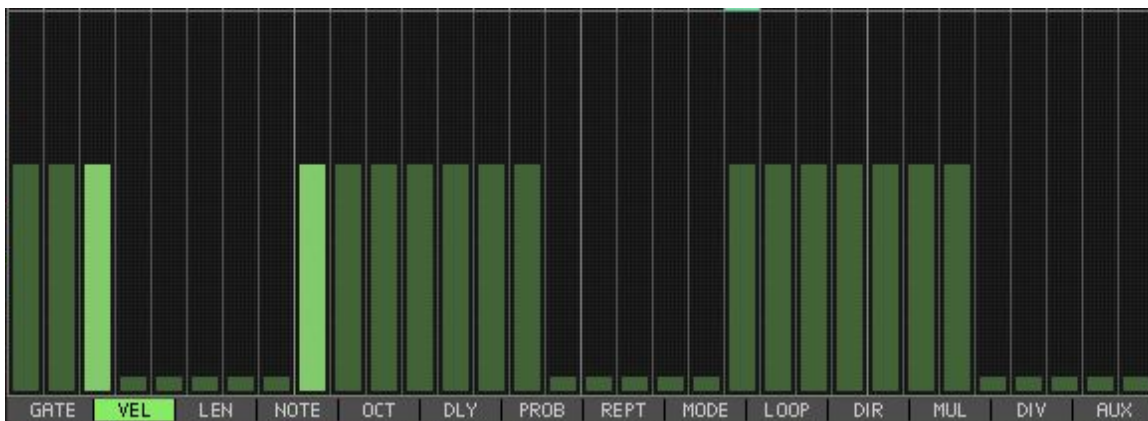
Option/Alt - Apply to all Sequencers (S1-S16) on Vel, Len, Note, Oct, Dly, Prob, Rept, Mode, Aux.

Gate



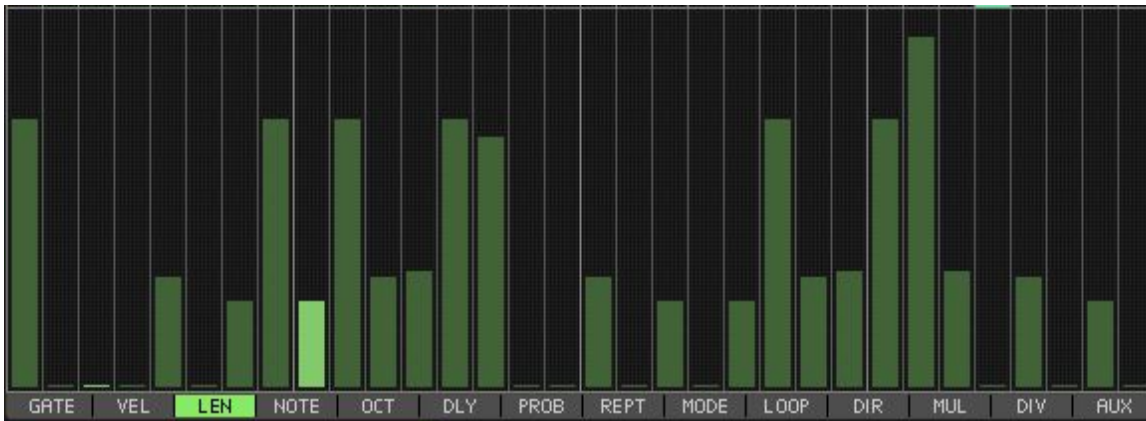
On / Off of each step

Velocity



Velocity of the note

Length



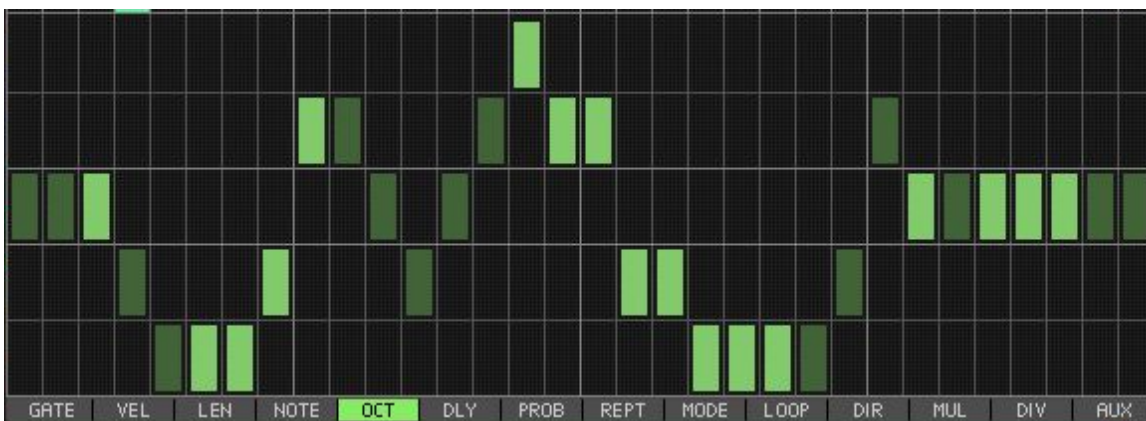
Time duration of the note. 100% will create a slide to the next note.

Note Offset



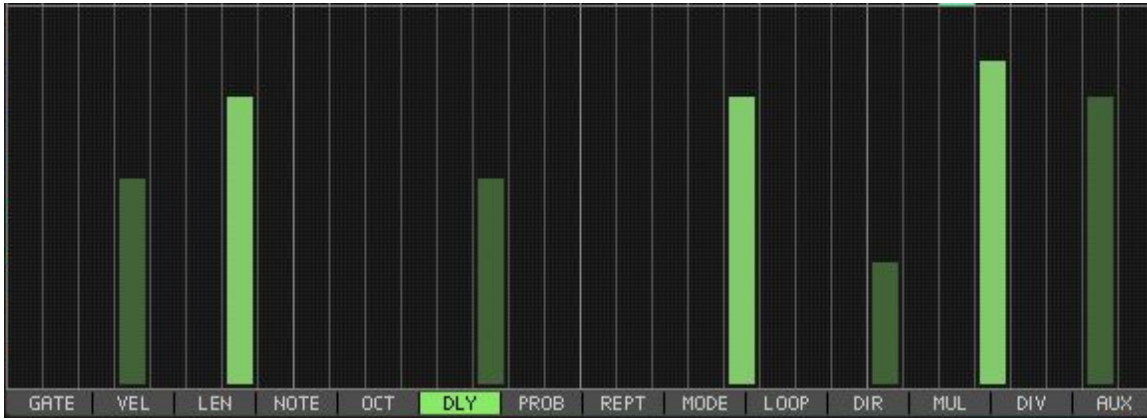
Sets the output note for the sequencer.

Octave



Note octave offset

Delay



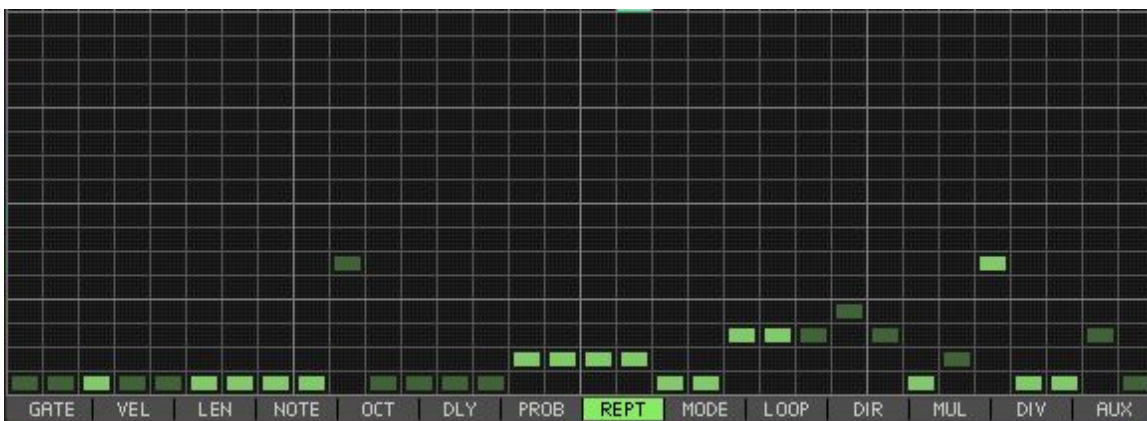
Time delay the step

Probability



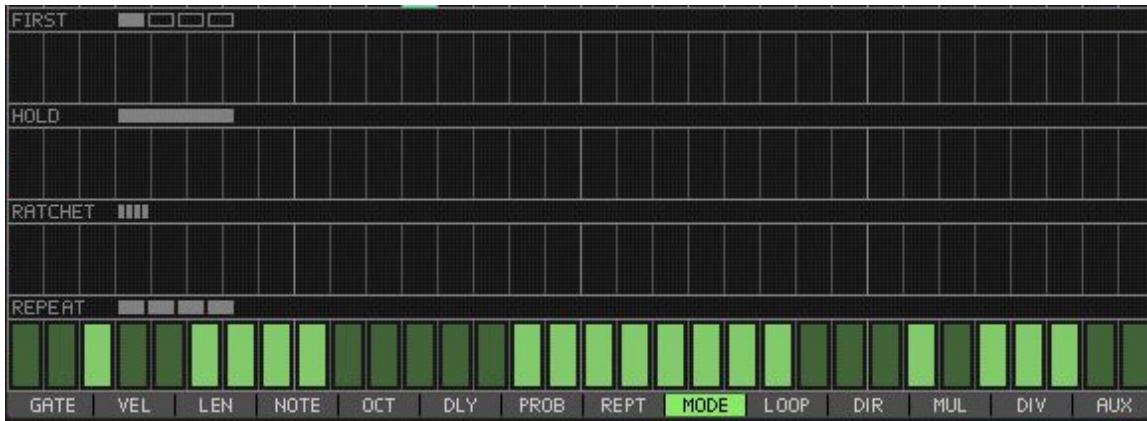
Percent chance that the note triggers

Repeats



Number of repeats

Repeat Mode



Mode of the repeats

Loop Length



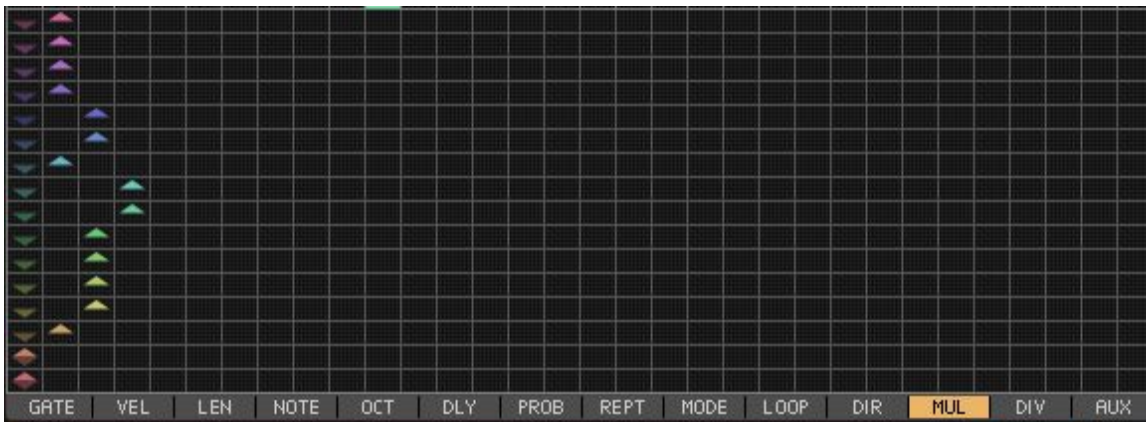
Loop Length of the sequence

Direction



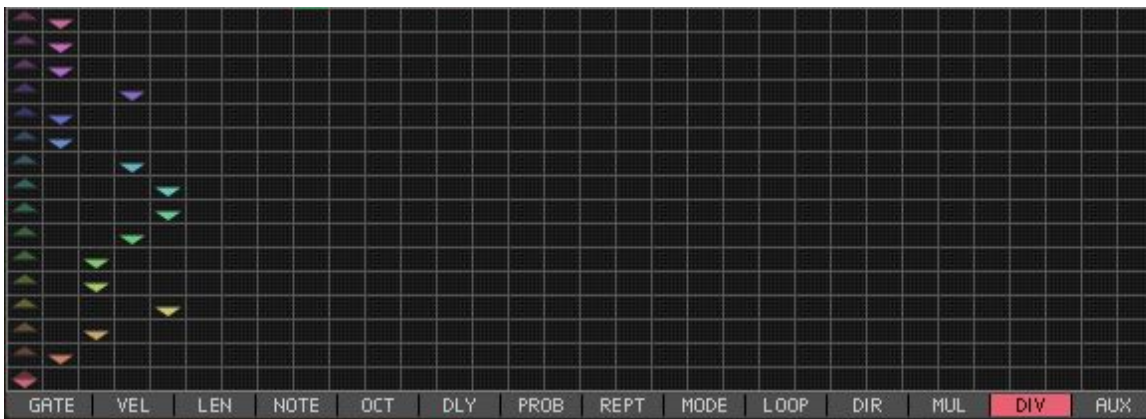
Playback direction of the sequence

Time Multiplier



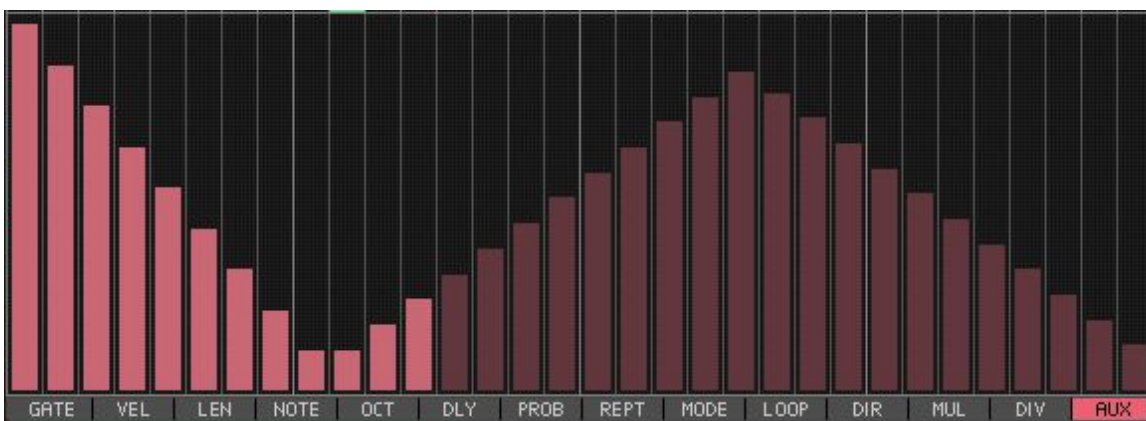
Multiplies the main clock time

Time Division



Divides the main clock time

Auxiliary CV



Aux Output CV on back of device. Not subject to gate activity.

Loop Length



Sets the loop length for the selected sequence.

Key Modifiers

Option/Alt - Apply to all Sequencers (S1-S16)

Gate and Loop Length





Dedicated editor for the selected sequencer gate and loop length.

Key Modifiers

Option/Alt - Apply to all Sequencers (S1-S16)

Sequencer On



Enable or disable the sequencer. Sequence name () changes to dashes () when disabled.

Assigned Notes / Base Offset



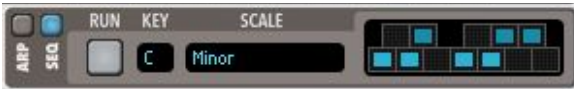
Shows the notes that are assigned from two modes. Clicking and dragging on this sets the note offset. The lighter box is the root note of the arpeggiator.

Activity Indicator



Shows sequencer activity. The left half is the sequencer gate on activity. The right half is the target note. Clicking on a item will preview the corresponding assigned note.

Sequencer Mode



Runs Kompulsion in sequencer mode. Notes are assigned from the selected **Key**, **Scale**, and enabled keys.

Run



Runs the main sequencer.

Key



Sets the root key for the selected scale.

Scale



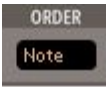
Selects the scale and allows editing of a custom scale.

Arpeggiator Mode



Runs Kompulsion in arpeggiator mode. Notes are assigned from the selected **Order**, **Mod**, **Fill**, **Interval** and incoming keys.

Order



Selects the order of the arpeggiator notes based on incoming note attributes. Options are **Note**, **Time**, **Velocity**, **Random**.

Mod



Modifies the previous **Order** of the arpeggiator notes.

- **Normal** (*ABCDE*)
- **Reverse** (*EDCBA*)
- **Odd-Even** (*ACEBD*)
- **Even-Odd** (*BDACE*)

Fill



Fills out the previous **Modified** notes.

- **Single** (*ABCDE*)
- **Repeat** (*...ABCDEABCDEABCDE...*)
- **Mirror** (*...EDCBAABCDEEDCBA...*)
- **PingPong** (*...EDCBABCDEDCBA...*)
- **Spread1** (*EEDDCCBBAAABBCCDDEE*)
- **Spread2** (*EEEDDDCCCBBAAAAABBBCCCDDDEEE*)
- **Spread3** (*EEEEDDDDCCCB BBBBAAAAAABBBBCCCDDDEEE*)

Interval



Sets the number of semitones to add or subtract from each previous **Filled** note.

- **Single** (*A4 B4 C4 D4 E4*)
- **Repeat & 12** (... A3 B3 C3 D3 E3 **A4 B4 C4 D4 E4** A5 B5 C5 D5 E5...)
- **Spread1 & 12** (*E3 E4 D3 D4 C3 C4 B3 B4 A3 A4 A5 B4 B5 C4 C5 D4 D5 E4 E5*)
- **Single** (*F2 G2*)
- **Mirror & 7** (... D#1 F1 C1 A#1 **F2 G2** D3 C3 G3 A3 ...)

Hold



Holds the last incoming notes and keeps the arpeggiator running.

Retrigger



This will restart the sequencer playback whenever new notes are played.

Edit Tools



Movement



Shifts sequence data up, down, left, right.

Key Modifiers

Option/Alt - Apply to all Sequencers (S1-S16).

Command/Ctrl - Up/Down - Wrap values instead of clamp. Left/Right - Unlock from rest of sequence.

Random



Randomize data based on **Tools** selections.

Tools



Various copy tools and randomization configuration.

Reset S16 (Gate)	
Reset All (Gate)	
Reset S16	
Reset P1	
<hr/>	
Rand S16 (Gate)	
Rand All (Gate)	
Rand S16	
Rand P1	
<hr/>	
Copy S16 (Gate) To	▶
Copy S16 To	▶
Copy P1 To	▶
<hr/>	
Random Target	▶
Random Section Mask	▶
Random Complexity	▶
Random Gate Density	▶
<hr/>	
Show All	