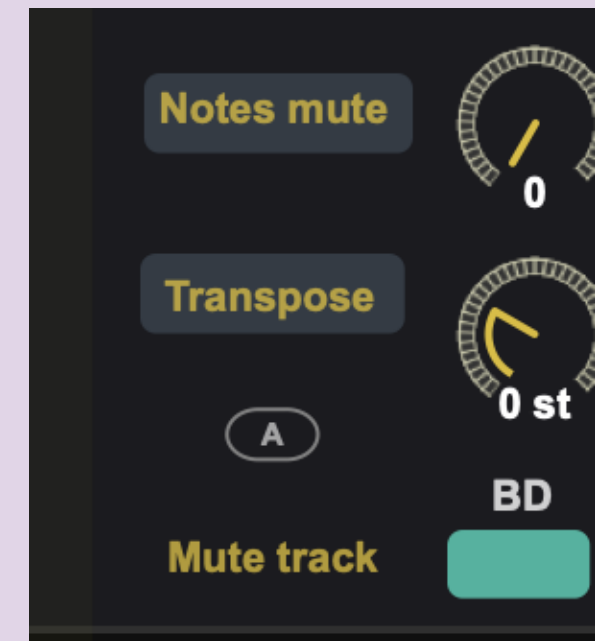
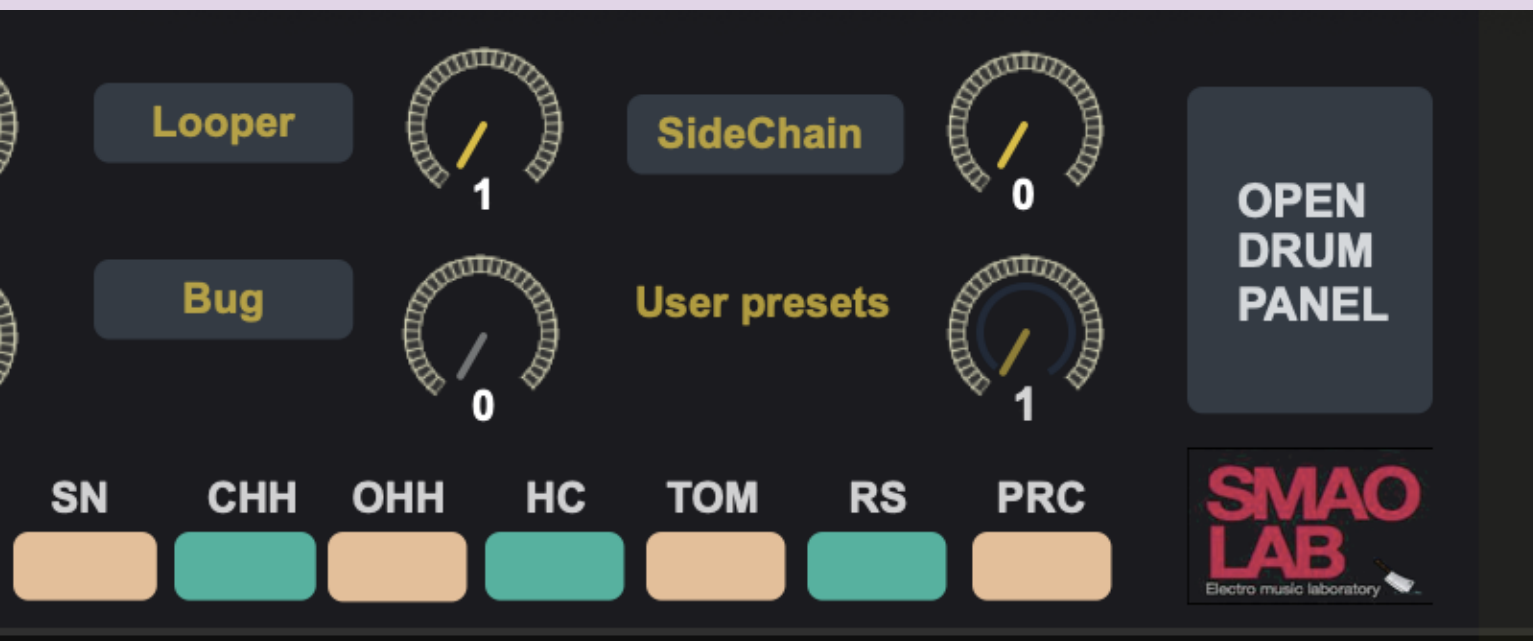


M4L THE DRUMMER

V2.0 - 19/03/2024





User simplified panel

When you insert this MAXFORLIVE plugin, you will get a simplified panel. You can access it through this interface.

To access the **advanced** panel, click on the

SIMPLE VIEW

1

in on your track, you
s to the main function

"OPEN DRUM PANEL"

2

Track / Note

You can change MIDI NOTE for each individual t

You can also set the note length, the **velocity/vo**
main pattern & the **accent** velocity for the accen

The screenshot shows a vertical list of tracks with the following parameters:

Track	Note	Vel	Acc
08	C2	80	120
07	C#1	80	120
06	D2	80	120
05	G#1	80	120
04	A#1	80	120
03	F#1	80	120

Track names (from top to bottom): PRC, RS, TOM, HC, OHH, CHH.

Track MUTE

Click on the button to MUTE the selected track (RS, TOM, etc.).

Click again on the button to **ACTIVATE**

tracks.

Volume for the
pattern

SEQUENCER main panel

You can active steps (ON/OFF) for each tracks (first row).

You can also add ACCENTS (second row)

Time signature

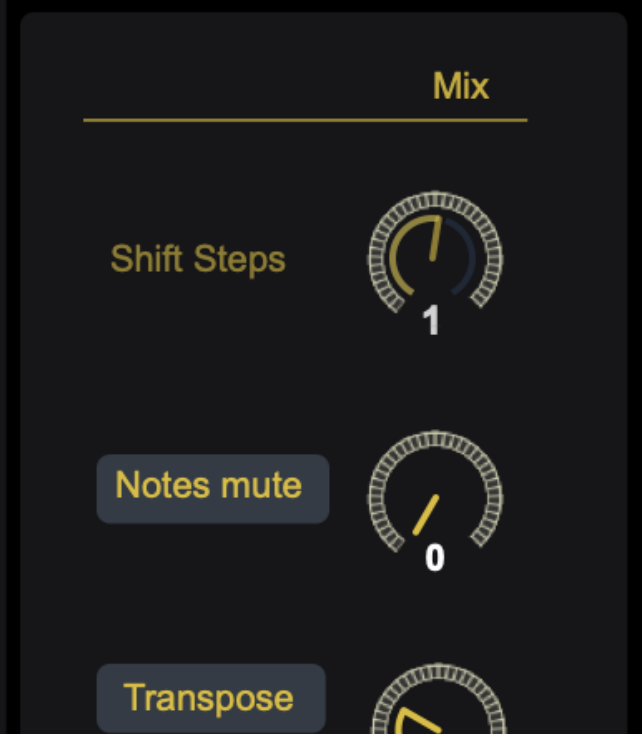
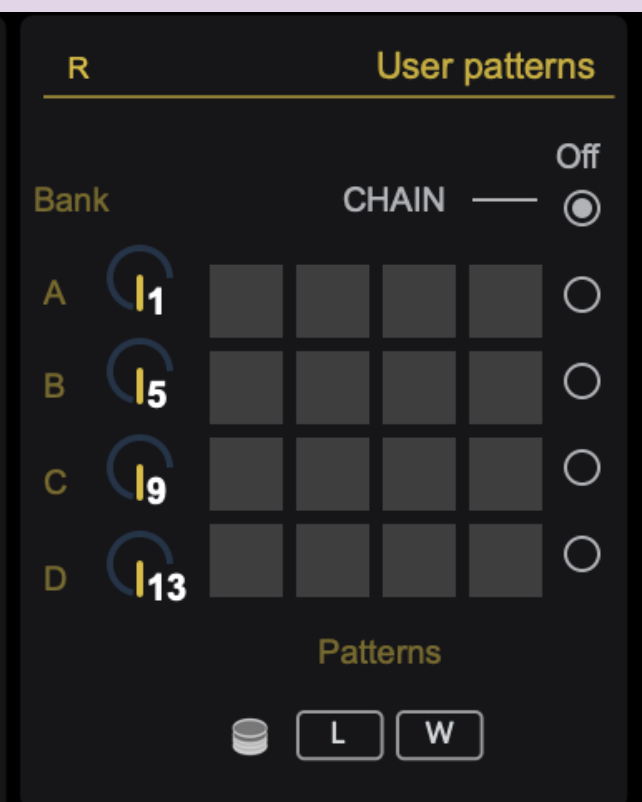
Set the time signature for each track !

The image shows a digital sequencer interface with six tracks. Each track has a grid of 16 steps. The first row of each track contains orange squares, representing accents. The second row contains cyan squares, representing steps. To the right of the grid, there are controls for each track, including a time signature dropdown menu set to 1/16, a lock icon, and a wizard icon. A vertical bar labeled 'Wizards' is also visible. On the far right, there are volume and pattern icons for each track. Three red arrows point to specific elements: two arrows point to the first two rows of the sequencer grid, and one arrow points to the time signature dropdown menu.

SAVE/LOAD USER PATTERNS

Save your patterns in the memory of the plug)-in AND in the **Ableton live set !**

You can also **SAVE** your patterns on your hard drive.



General FXs

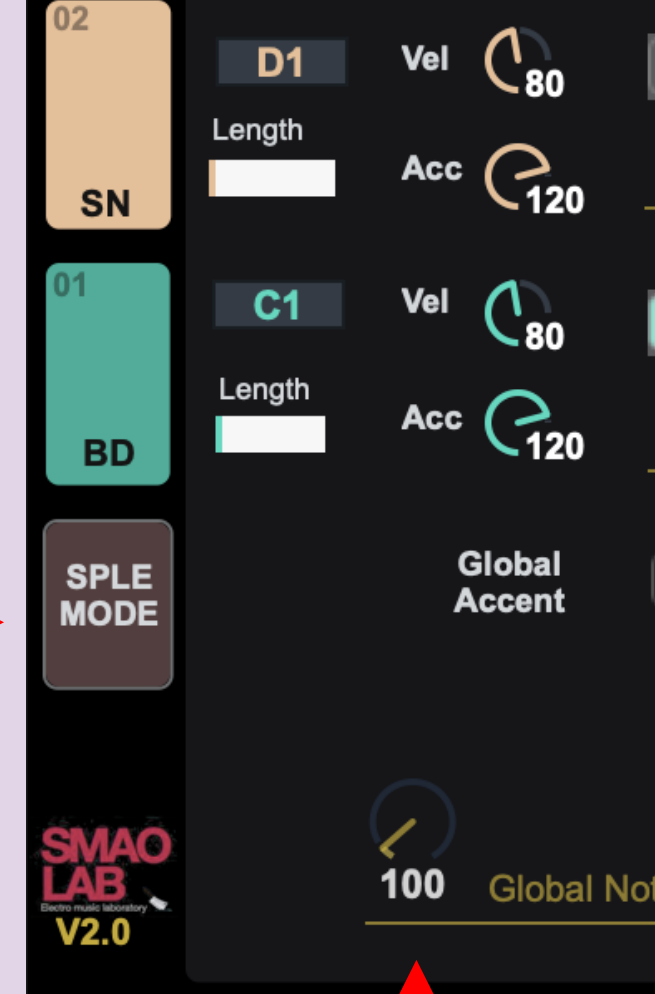
Access to 6 effects :

the selected track.

You can also change the NAME of the tracks !

SIMPLE/ADVANCED MODE

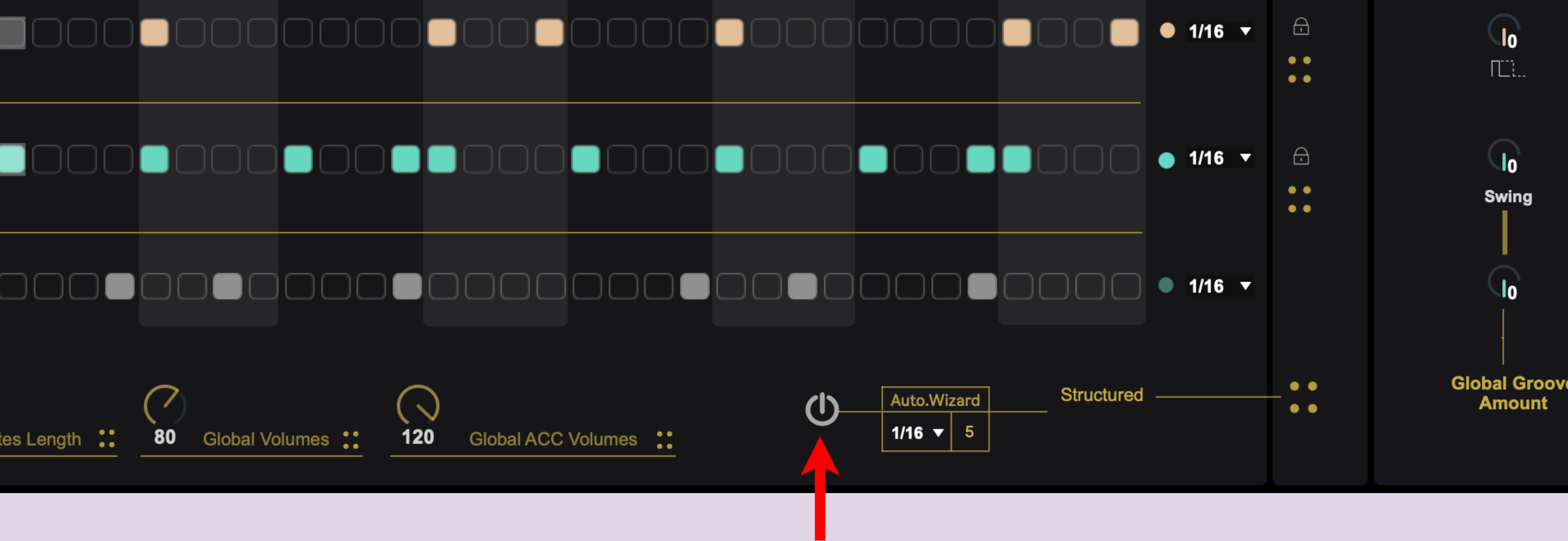
Click on the button to change the user interface mode (Simple to Advanced)



Global par

You can ch
Volume for

You can set
parameter u



Automatic Sequence Creation

Let the computer create nice sequence for you !

Choose the wizard frequency & click on the ON/OFF button.

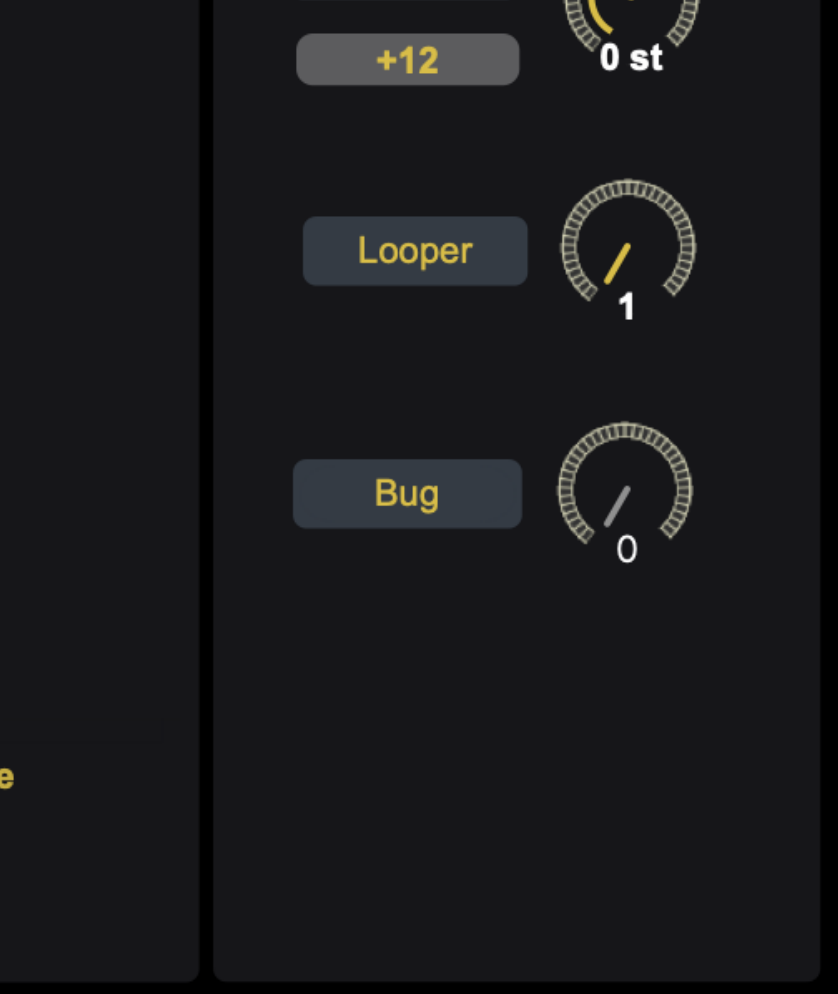
The computer will create a new sequence according to the frequency you set :-)

The wizard is based on a specific algorithm to create musical patterns

Parameters

Change the Notes Length, Main & Accent all the tracks.

Set the global volumes to zero and rise the up to 100... try & enjoy the effect !

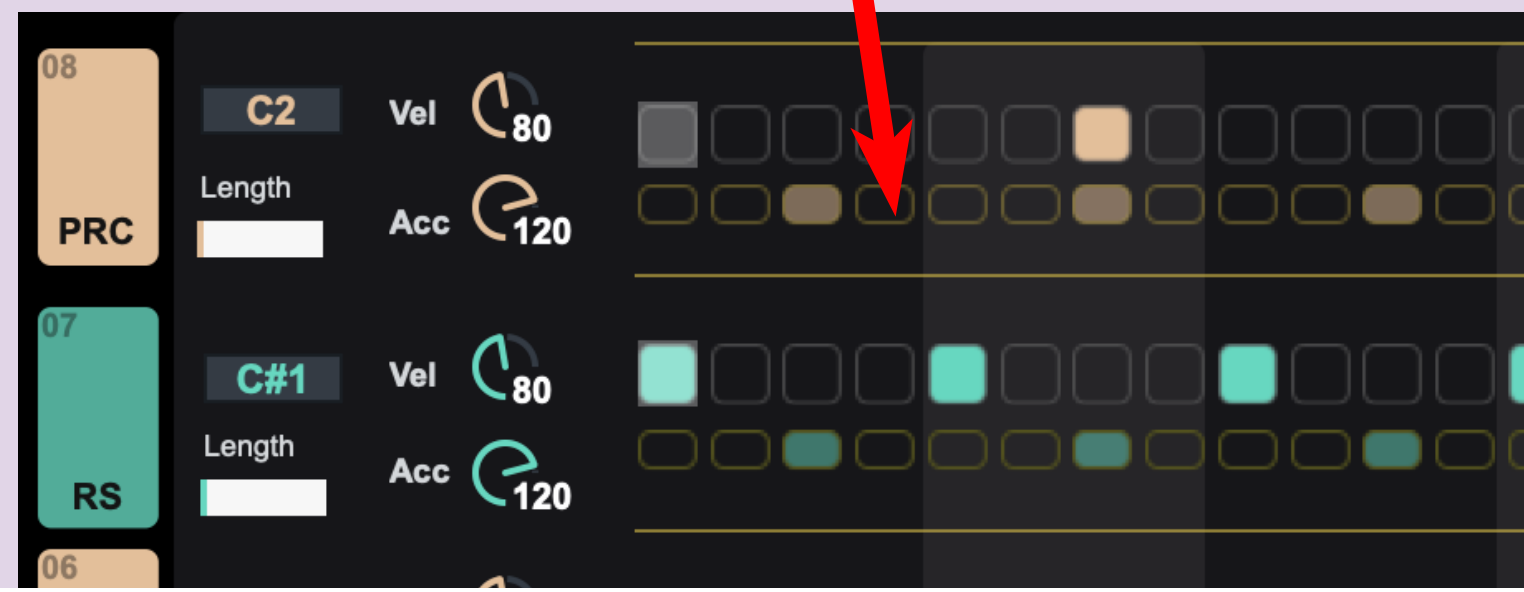


- **Shift Steps**
- **Transpose** the whole sequence
- **Looper** (to stress your sequence)
- **BUG** the sequence (stutter effect)
- **Side chain !**

SEQUENCER main panel

You can active steps (ON/OFF) for each

You can also add ACCENTS (second r



ADVANCED VIEW

Individual Swing panel

Set for each track:

- Roger Linn Swing Amount
- add **LFOs** on the **steps volumes & note length** to create **GROOVE** !

h tracks (first row).

ow)

The screenshot shows a digital audio workstation interface with the following elements:

- Piano Roll:** A grid of notes for two tracks. The top track has notes in shades of orange and brown. The bottom track has notes in shades of cyan and teal. A red arrow points from the top left towards the bottom track.
- Wizards:** A section with two rows of controls. Each row has a dropdown menu set to '1/16', a radio button labeled 'Indiv.', and a star icon. Two red arrows point down to the 'Roger Linn Swing Amount' and 'LFOs' controls in this section.
- User patterns:** A section with a 'Bank' dropdown set to 'R', a 'CHAIN' label, and a grid of buttons labeled A, B, C, and D. Each button has a number (1, 5, 9, 13) and a radio button.

General FXs

Access to 6 effects :

- **Shift Steps**
- **Transpose** the whole sequence
- **Looper** (to stress your sequence)
- **BUG** the sequence (stutter effect)
- **Side chain !**

SIMPLE/ADVANCED MODE

Click on the button to change the user interface mode (Simple to Advanced)



The screenshot displays the SMAO LAB V2.0 software interface. On the left, a vertical sidebar contains buttons for different musical elements: TOM (orange), 05 HC (teal), 04 OHH (orange), 03 CHH (teal), 02 SN (orange), 01 BD (teal), and an ADV. MODE button (white with black text). The main area shows a grid of controls for each element, including Velocity (Vel) and Acceleration (Acc) meters, and Length sliders. The ADV. MODE button is highlighted with a red arrow. At the bottom, there are global settings for Notes Length (100), Volumes (80), and Accents (120). The SMAO LAB V2.0 logo is visible in the bottom left corner.

The image shows a DAW interface with a piano roll on the left and a control panel on the right. The piano roll displays several patterns with colored notes (orange, cyan, grey) on a grid. The control panel includes a 'Patterns' section with 'L' and 'W' buttons, a 'Mix' section with knobs for 'Shift Steps' (set to 1), 'Notes mute' (set to 0), 'Transpose' (set to +12), 'Looper' (set to 1), 'Bug' (set to 0), and 'Sidechain' (set to 0). Below these are knobs for 'Velocity Variation', 'Swing', and 'LFO Length', all connected to a 'Global Groove Amount' knob. At the bottom, there is a 'Structured' and 'Organic' section with an 'Amount' knob. A red arrow points to a star icon in the control panel, which is also highlighted by a yellow box.

Individual Pattern creation

Shift on the right the whole sequence steps

Random Note Mute

Set the probability amount using the knob from 0 (no mute) to 100.

Transpose the whole sequence note

You can transpose (octave up or down the whole sequence. Terrific if you set a drum rack that includes more than 32 samples.

LOOPER mode

Stress your sequence to create a "beat repeat" effect.

BUG mode

Let the computer remix your sequence ! The computer will act as it was buggy and the sequence will be also buggy ! Very good to create different style of patterns based on your own work and excellent to create new patterns.

SIDECHAIN mode

For each steps activated on the track01 (BD), the computer will reduce the volume of the other tracks -> SIDECHAIN+ simulation. Excellent if you want to create a hip hop pattern or Techno pump effect or create a new pattern !

Click on the :: butto
Click on the * butto
organic amount if y
If you click on the p

on to create a special binary sequence.

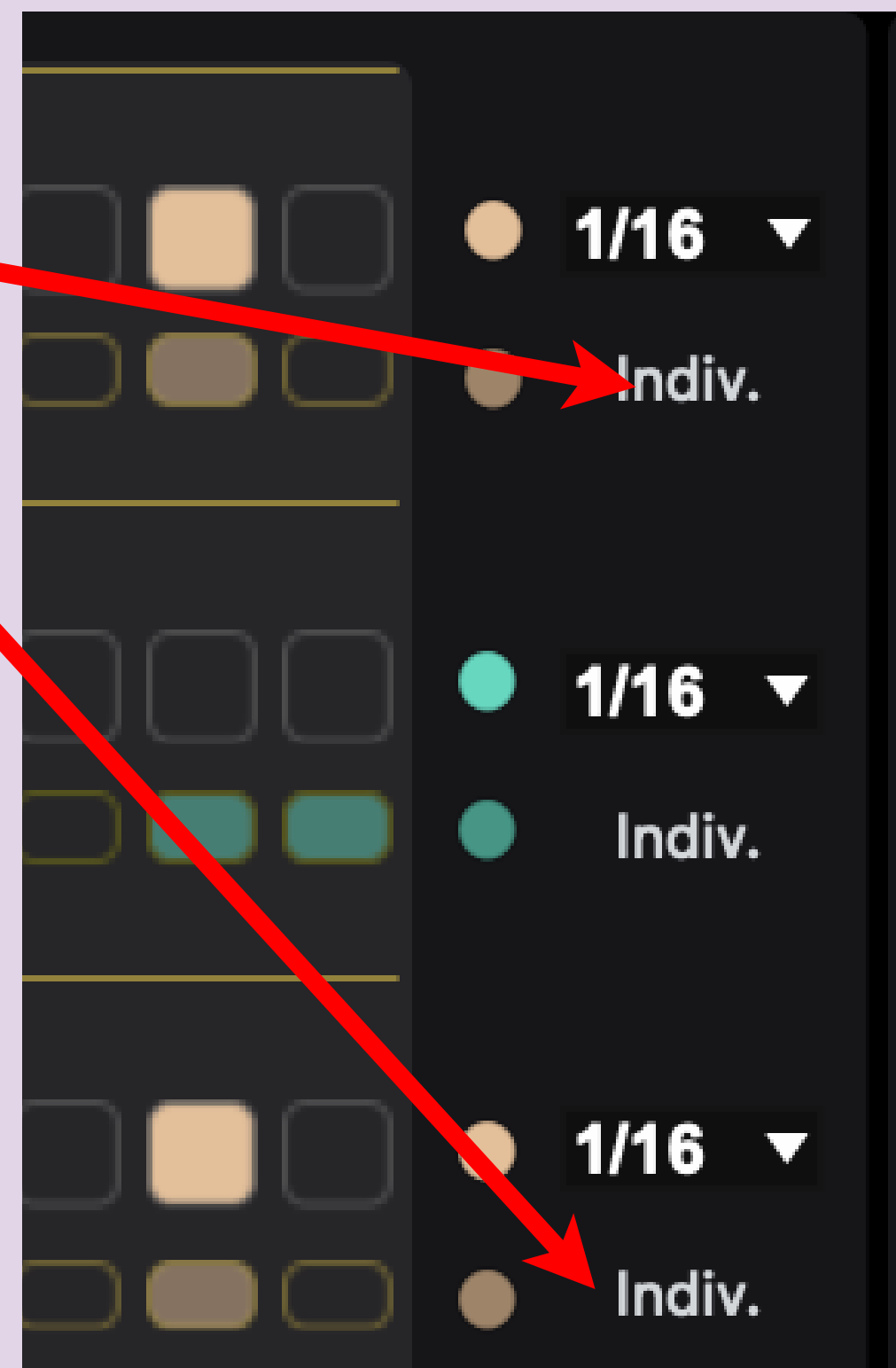
on to create an **organic sequence**. You can set the
you click on the AMOUNT section.

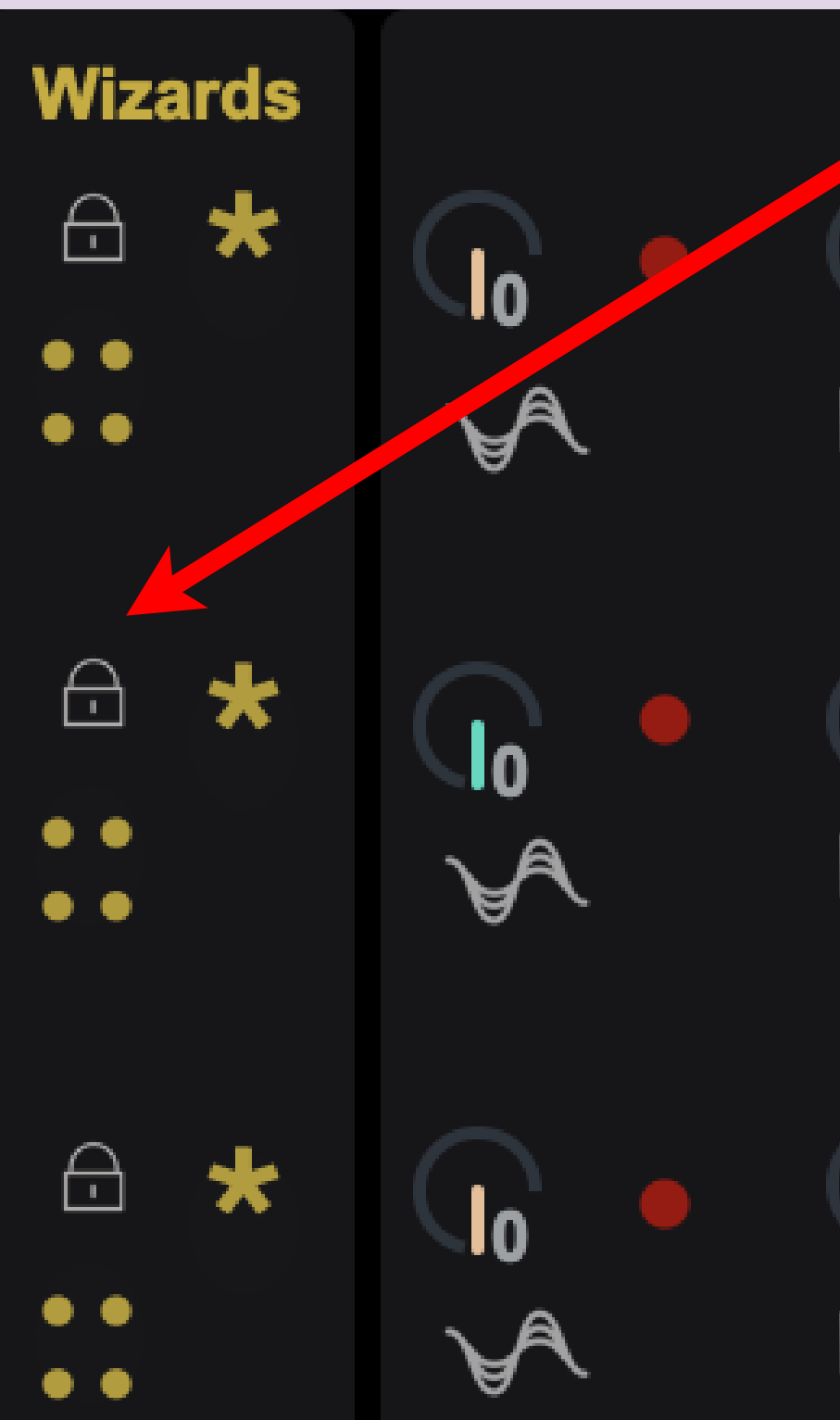
lock, the wizards won't have NO effect on this track.

INDIVIDUAL SWING OR GLOBAL SWING

Click on the button "indiv." to change the accents
behavior.

If you choose Individual, the track will follow its
own accent sequence. If you choose "global"
then the track will follow the GLOBAL Accent
sequence (located at the bottom of the plug in).





LOCK TRACKS for the wizard mode

Click on the symbol "lock" to lock the track. The wizard will have no effect on this track !!

Excellent function to create incrementally a full drum sequence.



M4L THE DRUMMER

**Support :
contact@s**

Documentation V2.0
19/03/2024

Smaolab.org (c)

The image shows a portion of a software interface with a dark background. It features a grid of colored squares and a legend. The legend includes a teal circle next to the text "1/16" and a teal circle next to the text "Indiv.". Below this, there is another legend entry with a light orange circle next to "1/16" and a light orange circle next to "Indiv.". The grid contains several squares in teal and light orange colors, some of which are highlighted with a yellow border.

