

Sequera Operation Manual

v1.7

by Juno Ju-X

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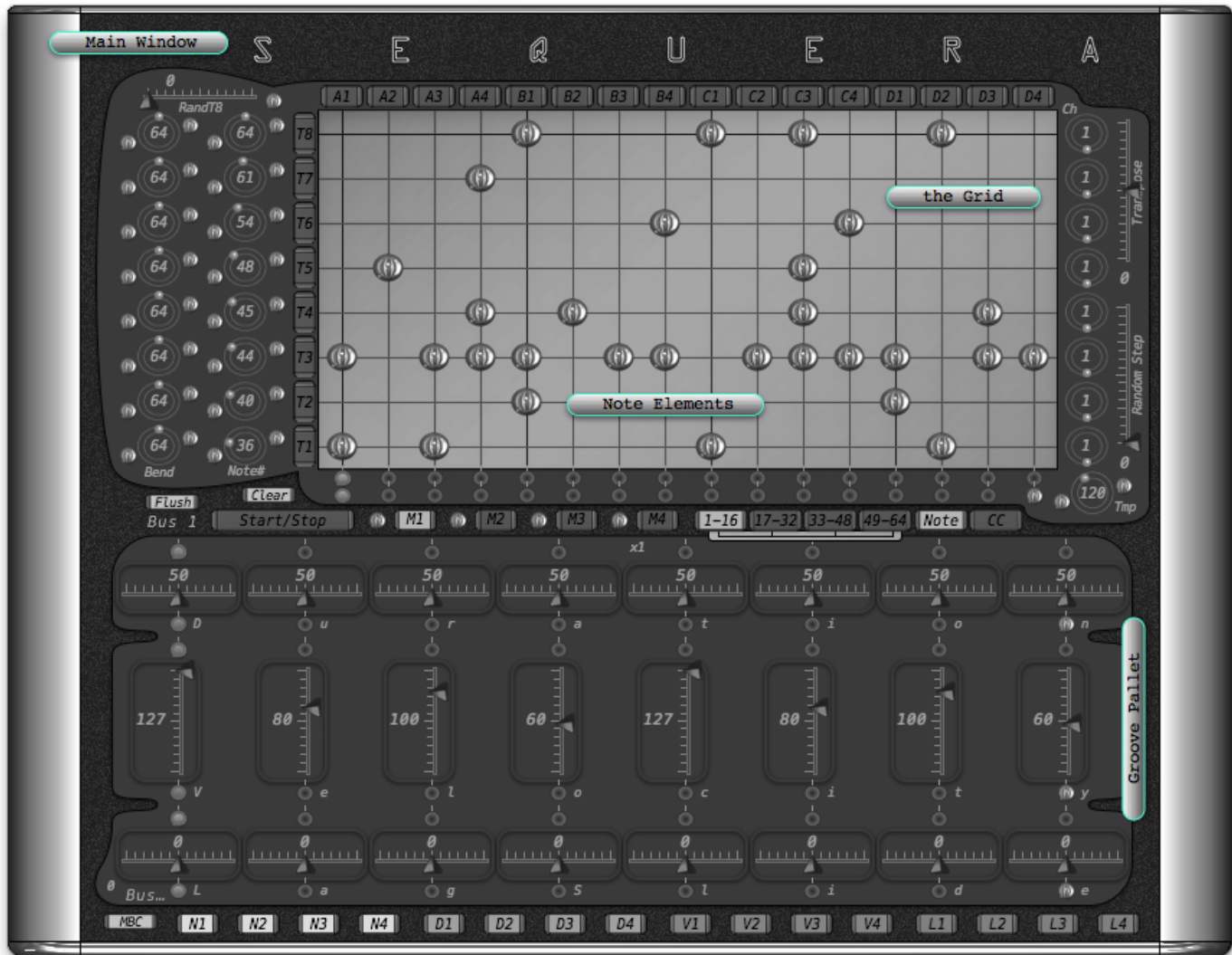
Introduction:

This operation manual covers all descriptions without many words. So you will get started composition with Sequera very quickly. Follow an example workflow that is all about content A. Check content C also for new features. Later for your reference, read through content B.

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<Picture of Sequera (v1.5)>

A. An example workflow (to learn how to operate each element)

- (1) Prepare something that plays sound by receiving MIDI note (e.g. synth, sampler, drum machine).
- (2) Launch Sequera.
- (3) You can select a MIDI destination with popup menu that is on the middle left.
- (4) Press "Start/Stop" or hit [space] key.

- (5) Click inside "the Grid" to enter note elements.
- (6) Now you may hear sound, if not, follow (7) and (8), then check your general settings for audio, MIDI, synth etc.
- (7) Check at "Note#" on a track that you entered note elements. Change the value to match with your desired note number.
- (8) Also check at "Ch". Change the value to match with your desired MIDI Ch.
- (9) Try changing "Bend" if it slightly bends the pitch up and down.
- (10) Check "Mute" buttons, they simply mute each track or step individually.
- (11) Move "Transpose" and "Random Step" sliders. You will see how these sliders change the pattern quickly and instantly.
- (12) Put some note elements on track8 (if it was empty). Press "RandT8" button to activate it. Then move the slider to rightward. The notes on track 8 will be given random note#.
- (13) Press "N1" button or [A] key while pressing down [option] key. Now your notes are stored in "N1".
- (14) Press "Clear" button, then all note elements are cleared.
- (15) Press "N1" button to retrieve back your note setting.
- (16) Press "17-32" to enter notes for steps following after 16.
- (17) Select end step as 32nd by pressing the lower 16th point. Now your sequence loops from step 1 to step 32.
- (18) Look at "Groove Pallet". Move sliders to see how they work.
- (19) In the same way of notes, you can select steps to be looped, and store each setting in the buttons in the very bottom part (with [option] key to memory).
- (20) Check "Tempo" to set your desired tempo. Click "MBC Button" to enable MIDI Beat Clock.
- (21) Press "CC" to move into CC mode. You can sequence MIDI CC commands in exactly same way as note elements.
- (22) Check "File" menu on the top of your Mac Screen to save and open .sqr files. You can save everything at once.

B. Extra information for each element

- All about note section:

(1) Note Elements

This is a super easy note entry system. The point where grid line crosses is the entry point for note elements. You can enter note elements for 64 steps maximum.

(2) Note#

Determine which MIDI note number to be played out. 0 is the lowest pitch note, 127 is the highest pitch note. 60 is C3. 48 is C2.

(3) Bend

You can tune each pitch between a note and next note. You can be away from chromatic tuning with this feature. 64 is centered. If you set 2 or more bend pitch for same MIDI Ch they will be merged. If you want complete separation for each bending pitch, set MIDI Ch differently on each track and prepare sound modules as much numbers as needed.

(4) Ch

This is a very basic feature to set MIDI Channel for MIDI messages, however this is useful to keep good separation for pitch bending and MIDI CC command. You can set MIDI channels separately for notes and CC commands.

(5) Mute

Simple mute buttons but have lots of potential. Step mute is one of nice approaches when you are experimenting sequence phrase or for live performance.

(6) Tmp

Tempo knob to set playback tempo. Knob is designed to change value roughly by turning it and sensitively by pressing adjust buttons. Knob can go from 61 to 200 but buttons can go from 40 to 300. And you can change tempo while Sequera is playing.

(7) Transpose

This slider transposes all the pitches for note entirely. This feature is more for performance than setting each "Note#". 64 is maximum, -64 is minimum, 0 is centered.

(8) Random Step

This slider randomizes the order for note elements to be played. So it chooses from within notes and note#s you've entered. Fun feature for live performance.

(9) RandT8

It has a special button to enable its feature. Once it is enabled, notes on the track8 will play in random pitches. You can still determine at which step the random note should be played. If you set the slider 0, it plays note# 64 always, increasing number turns random range wider.

(10) Step Select

To select the steps to be played, simply press the blue target mark for start and end steps as you desire. Upper and lower rows are interchangeable. If you choose same step with upper and lower rows, Sequera repeats that step only.

(11) Memory Function

You can store settings in the memory buttons. Be sure to combine [option] key when you store. Maximum 4 settings can be stored for each memory group. This is a neat feature because you can switch settings without any delay and it is rather better than loading files from a drive.

For this feature, following shortcut keys are assigned.

Key [A],[S],[D],[F] for loading "N1","N2","N3","N4"

Key [G],[G],[H],[J] for loading "D1","D2","D3","D4"

Key [Z],[X],[C],[V] for loading "V1","V2","V3","V4"

Key [B],[N],[M],[,] for loading "L1","L2","L3","L4"

Key [option] + [A],[S],[D],[F] for storing "N1","N2","N3","N4"

Key [option] + [G],[G],[H],[J] for storing "D1","D2","D3","D4"

Key [option] + [Z],[X],[C],[V] for storing "V1","V2","V3","V4"

Key [option] + [B],[N],[M],[,] for storing "L1","L2","L3","L4"

(12) CC

By pressing "CC" Button, CC mode comes up and you can program CC message sequence in same feeling as note sequence. "CC#" determines which CC number to be played. Commonly 1 is modulation wheel, 7 is pan, 10 is volume and so on. "CCamt" determines volume for each CC message and the meanings of volume are depending on specification of each CC message.

This is another fun feature because you can operate synth parameters in sequence. Check if you can move a knob on your favorite synth.

(13) Clear

This button clears all the elements on grid that you are seeing now. In other words, it won't clear the elements on the back.

- All about Groove section:

(1) Note duration

Determine note length by the sliders. 0 is shortest and 100 is longest. Steps to be played can be set freely.

(2) Velocity

Determine velocity amount. 0 is no sound, 127 is the maximum loudness. You can use this as cyclic mute by setting one or more sliders to 0 and set steps to be played as you desire.

(3) LagSlide

You can make lag for each step backward or even forward. -30 is maximum to forward, 30 is maximum to backward, 0 is centered. Steps to be played can be set freely for this element too.

(4) MBC

This button enables MIDI Beat Clock for other devices, so that you can sync Sequera with other drum machines or sequencers which is equipped MIDI Beat Clock receiving.

Known issue is that there could be a gap between main sequencing and other synced devices depending on their specification. To adjust the gap, set the number above of MBC button. The main sequence will be ahead if the number is below 0.

- Other information:

(1) Save function

Save function is located in File menu. It saves all the parameters on Sequera, and retrieve back the state immediately by opening the saved file.

(2) Select MIDI Output Destination

There is a popup menu that you can select MIDI Output Destination on the left middle of the window. If you launch other apps after launching Sequera, you can get the list refreshed by pressing "Flush" button.

(3) Note entry with computer key

This feature accelerates note entry by using physical keys. Press Up Arrow Key of your Mac. A light brown line will appear and you are ready to enter note elements with keys from [1] to [i] for that selected track.

Key [1] to [8] corresponds to: Step A1 to B4 or E1 to F4 (Earlier half)

Key [Q] to [I] corresponds to: Step C1 to D4 or G1 to H4 (Later half)

Up Arrow and Down Arrow keys to select a track to edit

Once you're done and do not want to edit note elements accidentally, bring the light brown line even under track1.

C. Additional features in v1.5 / v1.6 / v1.7

(1) Four Main Tracks and 64-Steps upgrade

From version 1.5, Sequera can handle x4 more tracks and x2 more steps. Simply Main Track buttons, Main Track Mute buttons, and Four At Once button are added.

When Four At Once button is on (default), note elements, note numbers and bend pitches will be entered at same position of each step selection. So if you make up 16-step loop while Four At Once button is on, 64-step with 4 of same content is ready.

For this feature, following shortcut keys are assigned.

Key [9],[0],[-],[=] for selecting "M1","M2","M3","M4"
Key [O],[P],[[]],[{}]] for muting "M1","M2","M3","M4"
Key [L],[;] for selecting "1-16","17-32","33-48","49-64"
Key ['] for selecting "Note" or "CC"
Key [.] for on and off "Four At Once"

Note steps to be played can be set differently for each Main Track.

(2) Note Duration Expander for Main Track 4

Main Track 4 can be used as same as other Main Tracks but also is designed specially for long notes. By selecting higher number with the popup menu right under M4 button, all notes on this track play that number times longer notes.

(3) MIDI Destination Setting for MBC

Right above of MBC button, there is added popup menu to select MIDI Destination for MBC differently from main MIDI Destination.

(4) Copy and Paste Notes

Simply you can copy, cut, and paste notes and related settings from a where to another where.

(5) Random Note Off

From version 1.6, a slider has been added on the top left corner, and it determines how much % of notes to be played. 100 is default value and plays back all notes.

Between 100 and 80, it randomly put off every 2nd and 4th notes (per 4 notes). Between 60 and 80, it randomly put off including every 3rd notes also. After 60% or below, it affects to all note positions.

(6) Activation (*only applicable for Ju-X store version)

You can activate Sequera with your serial number for a single Mac, so if you decide to switch your Mac, deactivate Sequera once by the Deactivate menu. Then you can use same serial number for your new Mac. If you have any issue, contact Juno via email. <contact@ju-x.com>

(7) Display Note in Name

From version 1.7, you can select either displaying note slider values in names or numbers from the menu under Sequera menu.

Conclusion

If you have any questions, please feel free to email us <contact@ju-x.com>. It is our pleasure to talk with users and we always look forward to developing curious technologies to support the growth of music scene. Thank you for purchasing one of our best products: Sequera.