

KORG EMX-1 Pattern-Editor

This software is made to support that input of the sequence data of synth part of ElectribeEMX-1 KORG synthesizer.

It have been developed in order to promote inputting step-note-data into EMX-1 that is most complicated operation.

Set note and StepTime and GateTime,then output the System-Exclusive-File(syx). After writing syx-file,send it to EMX by other software.

InDetail,Operate on real EMX.Assumes the use of such.

[Be Careful!]attention,this software Stop occasionally. [Dependency]This software is made with MicrosoftVisualStudio.Net2010Express.It needs .NetFramework3.5. *Author of this software and will not be held liable for any such event to this software.Considers the use of this software and was granted on this matter.



First to start this pattern editor. Because only Read-Button is available,please read the syx of the sample.so now we can edit the pattern. To edit the pattern,refer to next chapter. After Editing,Write the syx-File with Write-Button.and then we must send syx-file to EMX with free-software(for example,"Ez Midi Dump","MIDI-OX).After sending the syx-File,we can listen the sound.

Screen Description First,you must read the syx-File.It takes long time to finish reading syx-File.Next,select Synth-Part(we cannot select rythm-part),OSC Type(PCM WaveType).Next Note-position,Beat,set Gate-time,and At Last,Update the data by pushing the WriteButton(upper-right.not upper-left). To make a 8Beat repition-pattern(with 5th or octave),use Edit button and sub-screen. To make a OSC-Chord pattern,input Chord note(ex.F#m7) with motion sequence data(select motion-sequence-grid on top of window,and then select OSC Edit,then Write by Ch.wButton.

Read syx-File (button)

Write Syx-File (button)

Variation of Motion sequence (text)

Pattern-name
PCM tone
OSC type

Arpeggio scale type
And
base note(scale_note)

Motion sequence data (text)

Select synth part (text)

Vanish note (text)

Motion sequence grid (text)

name kiminosi

Major (dropdown)

m3rd Interval(C,E-G-A,C) (dropdown)

scale note C,4

synthPart 1

gatetime 0

Write (button)

pos 0

note G,9

pos(detail) 1bar [beat1:1<16>]

Edit (button)

Read (button)

Write (button)

OSC Type PCMOSC+WS(Wave)

Ref. (button)

Quit (button)

Clear (button)

Ch.W (button)

Ch.E (button)

Ch.Cl (button)

Note and Beat grid (text)

Chordtype Of motionSeq (text)

Set Gate-Time (text)

Update the Data (text)

Clear All Note of SynthPart (text)

If note set ,red (text)

Quit this software (text)

View motion sequence data.
Horizontal 8majours,
Vertical 24part.
When selecting OSC type
"OSC Edit1",it's meningless.
If the value is 128,
backcolor is navyblue.

Open sub window
(tom make repition of
Note,copy ,clear)

Select note and beat.
1cell is 16thnote.1 line is 8 majours.
Top of major is blue.
Each 4thnote is green
If the data is set,color changes to navyblue.
This area is able to scroll up and down.
To Update the data,set the gate-time and then
Push WriteButton(upper-right.not upper-left).

Update motion Seq(push Ch.W)
Clear motionSeq(push Ch.E)
All Clear motionSeq(puch Ch.Cl)
When Updating,
input the number to motion-seq-data.

See the next page.

Screen description(continued)

The screenshot shows the 'Editor' window with several sections and callouts:

- SequentialNoteGenerate**: Includes 'base-note' (dropdown), 'AlternateNote' (dropdown), and 'gate-time' (dropdown).
- Repeating note settings-area**: Includes 'Beat' (radio buttons for 2, 4, 8, 16), 'Note length' (dropdown), 'measure' (spinners), 'plural measures' (checkbox), and 'Make' button.
- clearing-settings**: Includes 'Clear' button, 'measure' (spinners), and 'Plural' (checkbox).
- copying-settings**: Includes 'Copy' button, 'FromMeasure' (spinners), 'Length' (spinners), 'ToMeasure' (spinners), 'Repeat' (checkbox), and 'HalfNote' (spinners).
- Buttons**: 'Clear', 'Copy', 'Oct-Up', 'Oct-Down', and 'Cancel(Close)'.

Callouts provide instructions for various elements:

- Base Note**: Points to the 'base-note' dropdown.
- Alternate Note**: Points to the 'AlternateNote' dropdown.
- Start Major End Major**: Points to the 'Make' button.
- Set the major number**: Points to the 'Beat' radio buttons.
- generate the note**: Points to the 'Make' button.
- Note length**: Points to the 'Note length' dropdown.
- The back beat is up An octave**: Points to the 'Alternate,Oct-up' checkbox.
- The back beat is "Alternate note"**: Points to the 'Alternate,5th-up' checkbox.
- If you measure across multiple, please check**: Points to the 'plural measures' checkbox.
- Please specify the start and end measure**: Points to the 'measure' spinners.
- Please specify the number of bars in the length of the original data to be copied**: Points to the 'Length' spinners.
- Please specify the number you want to copy the original measure**: Points to the 'FromMeasure' spinners.
- Please specify the measure number of the destination**: Points to the 'ToMeasure' spinners.
- If you want to repeat at the destination, please check**: Points to the 'Repeat' checkbox.
- Please specify the pitch shift when you want to copy**: Points to the 'HalfNote' spinners.
- To execute the copy while shifting the pitch**: Points to the 'Oct-Up' and 'Oct-Down' buttons.
- Clears the note data in the bar**: Points to the 'Clear' button.
- To execute the copy**: Points to the 'Copy' button.
- Press this button to close this window**: Points to the 'Cancel(Close)' button.

How to Install

- Place the EXE file to a suitable folder. To start, double-click the EXE file.
- This software does not use the registry.
- In order to record the reading folder, create a file in user.config\AppData\Local\emxpt\emxpt.exe_Url_... \ 1.0.0.0 of the user folder. Fed to the EMX for a pattern that is created in this soft, soft to be sent to the EMX system exclusive will be required.
- You'll need a standard MIDI port. It is preferable that both the IN and OUT are connected.
- When you send a system exclusive data to EMX, "completion notice received" from the EMX is coming (F0 42 30 69 23 F7). If you get errors on the EMX is, (F0 42 30 69 24 F7) that have been sent from the EMX. And are connected to both the OUT and IN, became whether the error is returned.

Notes(Caution)

- EMX-1 system exclusive information is based on the MIDI implementation chart (Sep.09.03) Ver1.1 has been provided by KORG.
- Data may be output is larger than Read-Data.
- tested environments
WindowsVistaBusiness SP2 + MidiInterface M-AUDIO AudiophileUSB + KAWAI MAV-8
- The software sending Sysx-File to EMX is MIDI-OX (Download MIDI-OX <<http://www.midiox.com/moxdown.htm>>)
- There is no Undo-Function. Please Be careful.
- Please Save the Data often because there is bugs in this software maybe.
- To read the data from EMX, send the system exclusive of the byte 7 42 30 69 10 F7 F0 to EMX. If the receiving port on the PC side have led to the EMX, 4300 bytes to 5500 bytes long data that begins with 42 30 69 40 ~ F0 Then you will receive. In this editor, if it is the size of 4300 bytes to 5500 bytes, can be displayed and read and edit (or why it would vary the size is not well-understood)

Record : development start at 13thAugust 2010. 1st version has completed at 17th Aug 2010.