midifruuze is a live midi sampler and effect

This app allows you to capture recent 10 seconds of incoming MIDI data and replay it using different available playback modes

Currently this app supports all channel messages; MIDI SysEx, System Common and Realtime messages are not supported

Playback modes:
- "**Scrub Pitch**" / "**Scratch Pitch**": Transposes notes according to touch vertical position; keeps note velocity. "Scrub" doesn't output the same note during position change.
- "**Scrub Velocity**" / "**Scratch Velocity**": Changes note velocity according to touch vertical position. "Scrub" doesn't output the same note during position change.
- "**Freeze**" Repeats selected note according to rate selected by touch position. Vertical touch position changes velocity
- "**Hit**": plays single note when pressed; vertical position changes velocity

Quick start

Each "lane" has a separate pause control and a separate MIDI buffer.

[**A**] button enables auto-pause that is triggered on touch
[**II**] is a pause button

You can use playback controls over a paused lane or on an actively recorded one. In the second case it will work as a variation of a delay effect.

[**from 1/2**] makes a copy of the contents from another lane and pauses the selected one.
[**M**] mutes lane output (when available)

(**X**) will clear buffer

[**THRU**] button enables direct MIDI output

Three separate buttons are available to handle record/pause state:

[**PAUSE**] toggles state of both lanes
[**AUTO PAUSE**] makes buffer recording stop when the lane is touched
[**REC OTHER**] toggles automatic recording on other lane when a lane is touched
[**NO SILENCE**] pauses recording when there are no MIDI events

Grid controls

You can set up grid display with the controls in the bottom part of the screen

[**TIME**] [**BEATS**] changes mode from seconds to BPM

when loaded as a plugin there are two more buttons:
[**SYNC**] mode activates [**CLEAR**] on host playback start
[**HOST**] switches to plugin host's tempo

[**TEMPO**] slider sets tempo for the grids. [**SET**] button allows you to enter value precisely. Or use [**TAP**] button to enter tempo manually.

[**–**] 1/4 [**+**] [**TRI**] buttons show grid subdivision

Snap [**GRID**] would make all the playback controls align to the selected grid and [**OBJ**] will enable snap to note start / end.

For the [**HIT**] and [**FREEZE**] lane modes there is a special alignment mode that is constantly active and snaps all the controls to note start positions.

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