

HXR Jam for Ableton Live 11

Maschine JAM MIDI Remote script

**Please Note that this script is not provided
by Native Instruments and users use it
with their own risk.**

...but it still works. :)

Installation

Installation 1/2

Overview of files

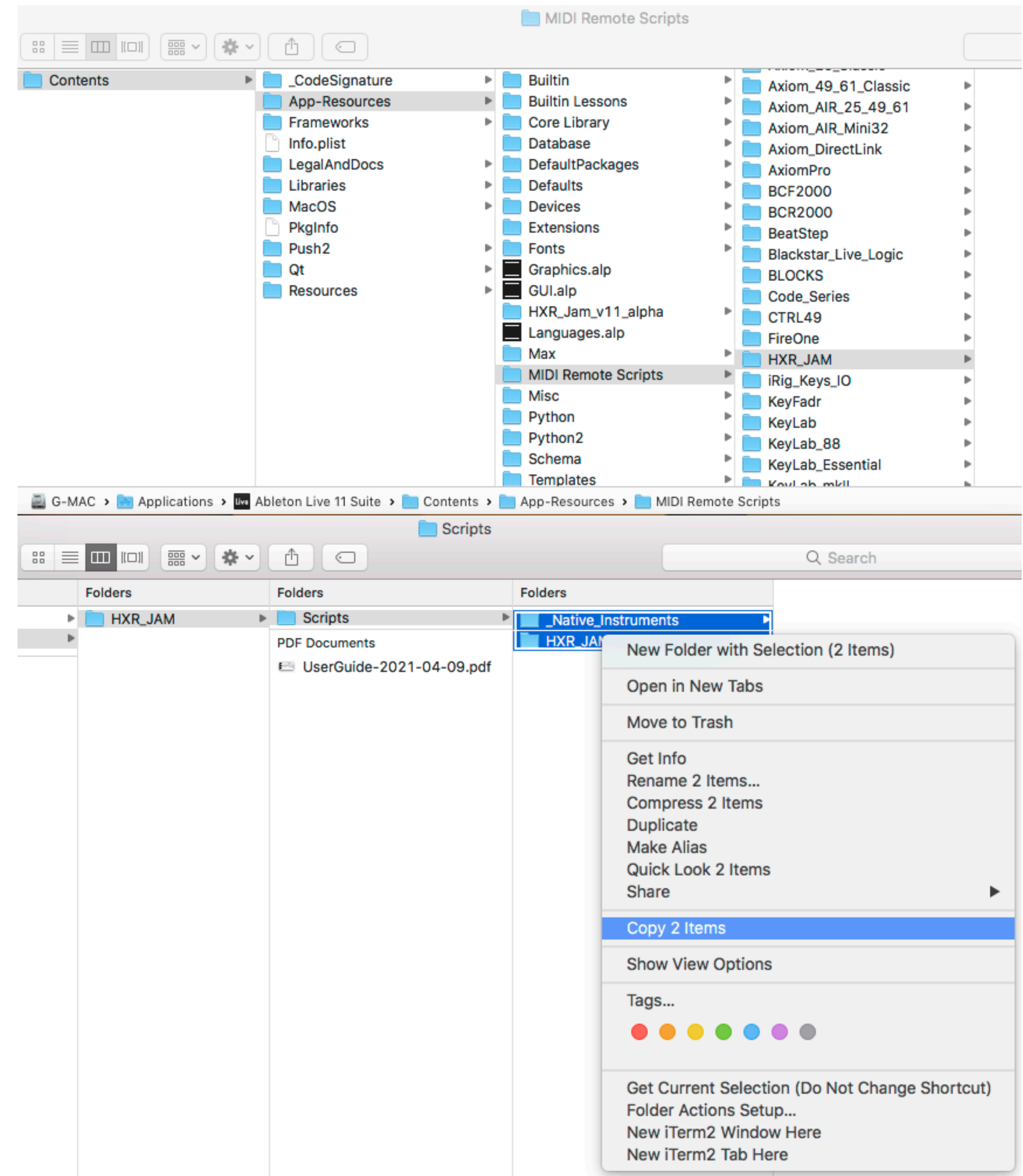
- HXR_JAM/UserGuide-DATE.pdf User Guide you are just reading
- HXR_JAM/Scripts/HXR_JAM JAM Controller scripts
- HXR_JAM/Scripts/_Native_Instruments Support files for controller scripts

Folders	Folders	Developer
▶ Scripts	▶ _Native_Instruments	▶ __init__.py
PDF Documents	▶ HXR_JAM	DrumMode.py
UserGuide-2021-04-09.pdf		DrumStepMod
		EncoderComp
		EncoderHandle
		ExtraButtonCo
		JamButtonMat
		JamClipSlotCo
		JamModes.py
		JamSceneCom
		JamSessionCo
		LoadMode.py
		MainEncoderC
		MaschineJam.i
		MaschineMode
		Max4LiveCom
		MidiMap.py
		ModifierComp
		PadColorButto
		PadMode.py
		PadScale.py
		ParameterUtil.i
		SceneButtonC
		SessionMode.i
		SongMode.py
		StateButton.py
		StepMode.py
		TouchStripSlid
		TrackButtonHa
		TrackControlC
		UserMode.py
		UserPluginCon

Installation 2/2

Put files under Live 11 application

- 1: Extract ZIP file
- 2: Copy Scripts/* into your Ableton MIDI Remote Scripts folder
- OSX:
/Applications/Ableton Live 11 Suite/Contents/App-Resources/MIDI Remote Scripts/
- WINDOWS:
C:\ProgramData\Ableton\Live 11 Suite\Resources\MIDI Remote Scripts\
- 3: (re-)Start Live

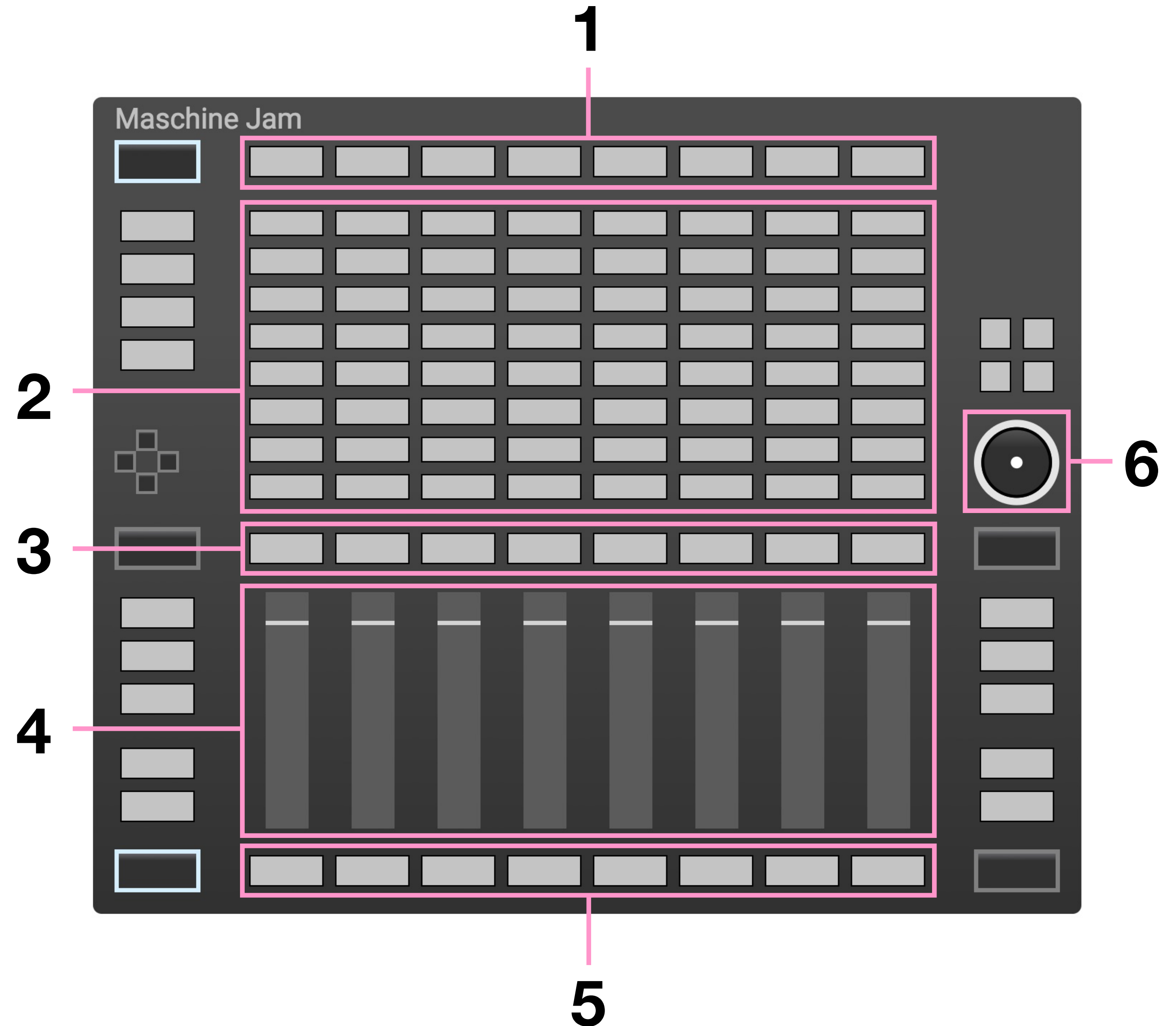


Overview

Overview 1/4

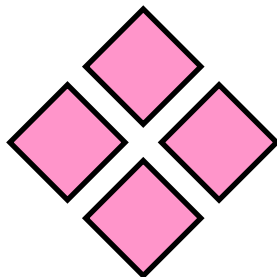
Overall layout

- 1: Scene Buttons
- 2: ClipSlot Buttons
- 3: Track Select Buttons
- 4: TouchStrips
- 5: Transport etc Buttons
- 6: Main Knob
- + buttons for various actions



Overview 2/4

Buttons explained



Up / Down / Left / Right: action depends on selected mode and possible modifier combination.

SONG Toggle between 'ArrangementMode' and 'SessionMode'.

1 - 8 SessionMode: Trigger Scene
ArrangementMode: Trigger Cue Point

STEP Enable 'StepMode' for selected track & scene. New clip will be created if slot is empty. If track contains DrumRack then 'DrumStepMode' is activated instead.

PAD MODE Enable 'PadMode' for selected track & scene. New clip will be created if slot is empty.

CLEAR SessionMode: Press CLEAR + clip slot to delete clip from selected slot.
SessionMode: Press SHIFT + CLEAR to clear automation for selected clip.

DUPLICATE SessionMode: Press DUPLICATE + CLIPSLOT to duplicate the clip to next clipslot.
SessionMode: Press SHIFT + DUPLICATE to double the length of selected clip.

NOTE REPEAT DrumStepMode: enable 'NoteRepeatMode'.
PadMode: enable 'NoteRepeatMode'.

MST Control Live sets Master Volume with MAIN KNOB

GRP Control selected tracks Volume with MAIN KNOB

IN1 Control selected tracks Color with MAIN KNOB

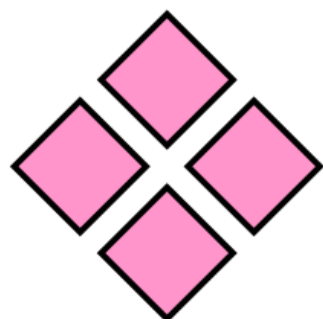
CUE Control Live sets Preview Volume with MAIN KNOB

A - H SessionMode: select Track within controller focus area. If track is empty - new MIDI track will be created. Pressing SHIFT + empty track will create new Audio track.

Overview 3/4

Buttons explained

MACRO	Not Used
LEVEL	Select to control Track Volumes with TouchStrips Press SHIFT + LEVEL to control Track Pan setting with TouchStrips
AUX	Select to control Track Send Level with TouchStrips Press AUX again to scroll through your available Return Tracks.
CONTROL	Select to control the Device Parameters for selected track. Press CONTROL again to select focus for grouped device. Press SHIFT + CONTROL to select focus for parent group device.
AUTO	Enable/Disable Automation Arm setting in Live



Press CONTROL + LEFT / RIGHT to move between Device Groups.

BROWSE	Press BROWSE + Track A–H to stop playing clip on selected track. Press SHIFT + BROWSE to stop all tracks.
PERFORM	Not Used
NOTES	Capture MIDI feature. Press to capture previously played notes to new clip.
LOCK	StepMode / DrumStepMode: Press SELECT + LOCK to control selected notes duration with MAIN KNOB
TUNE	StepMode / DrumStepMode: Press SELECT + LOCK to control selected notes pitch with MAIN KNOB
SWING	SessionMode: Press SHIFT + SWING to enter/exit LoadMode. StepTime / DrumStepMode: Press SELECT + SWING to control selected notes start position with MAIN KNOB

Overview 4/4

Buttons explained

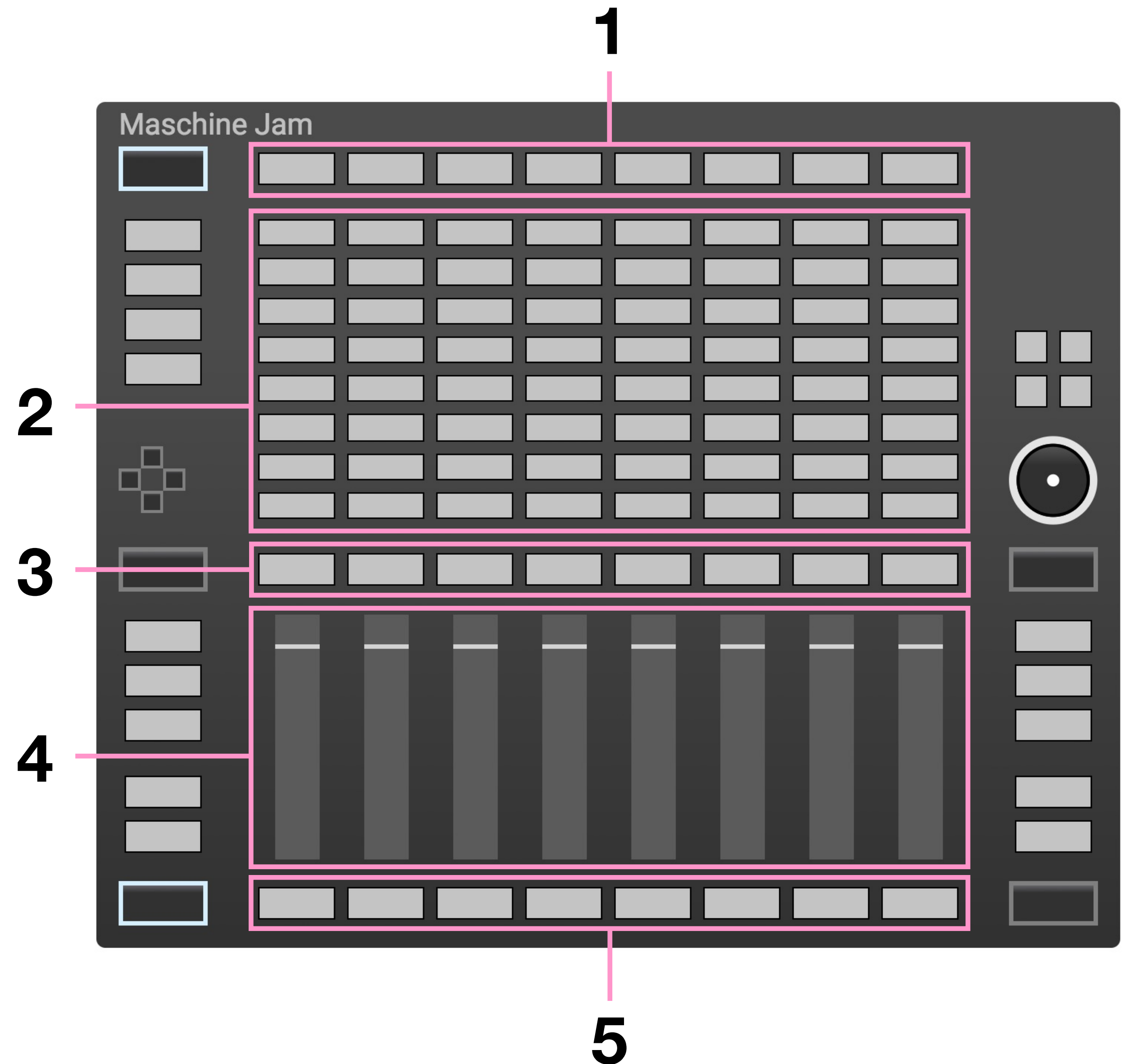
SHIFT	Press to make alternative action with other buttons.	TEMPO	Control Live sets Tempo with the MAIN KNOB Press SHIFT + TEMPO to Tap the tempo.
PLAY	Play/Pause Press SHIFT + PLAY to restart playback	GRID	Control Clip Quantize value with MAIN KNOB Press SHIFT + GRID to select tracks to be Armed with Track buttons A-H.
REC	Record Press SHIFT + REC to have count-in before playback	SOLO	Select tracks to be Soloed with Track Buttons A-H. Press SHIFT + SOLO to change the selected patterns length with MAIN KNOB
<	When controlling Device Parameters moves to previous page of parameters mapped to the TouchStrips Press SHIFT + < to Enable/Disable metronome.	MUTE	Select tracks to be Muted with Track Buttons A-H
>	When controlling Device Parameters moves to next page of parameters mapped to the TouchStrips Press SHIFT + > to Enable/Disable Loop.	SELECT	SessionMode: Press SELECT + [Track A-H] to Fold/Unfold group of Tracks SessionMode: Press SELECT + [clip slot] to select clip without triggering it

Usage

SessionMode 1/2

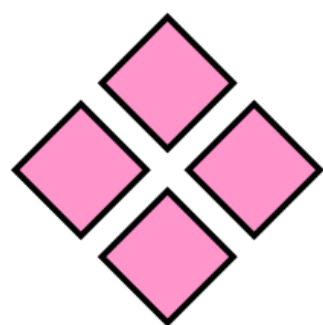
Overall layout

- 1: Trigger Scenes
- 2: Trigger Clips
- 3: Select Tracks
- 4: Control Parameters
- 5: Global Controls



SessionMode 2/2

Buttons explained



Move focus area UP / DOWN / LEFT / RIGHT by 8 steps.

1 - 8

Trigger Scenes in current Session based on focus area

A - H

Select Track based on focus area.
If track is empty - new MIDI track will be created. Pressing SHIFT + empty track will create new Audio track.

PLAY

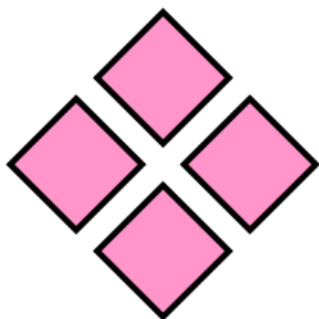
Play/Pause
Press SHIFT + PLAY to restart playback

REC

Record
Press SHIFT + REC to have count-in before playback

TEMPO

Control Live sets Tempo with the MAIN KNOB
Press SHIFT + TEMPO to Tap the tempo.



Press SHIFT + UP / DOWN / LEFT / RIGHT to move focus area by 1 step.

GRID

Control Clip Quantize value with MAIN KNOB
Press SHIFT + GRID to select tracks to be Armed with Track buttons A-H.

SOLO

Select tracks to be Soloed with Track Buttons A-H.
Press SHIFT + SOLO to change the selected patterns length with MAIN KNOB

MUTE

Select tracks to be Muted with Track Buttons A-H

SELECT

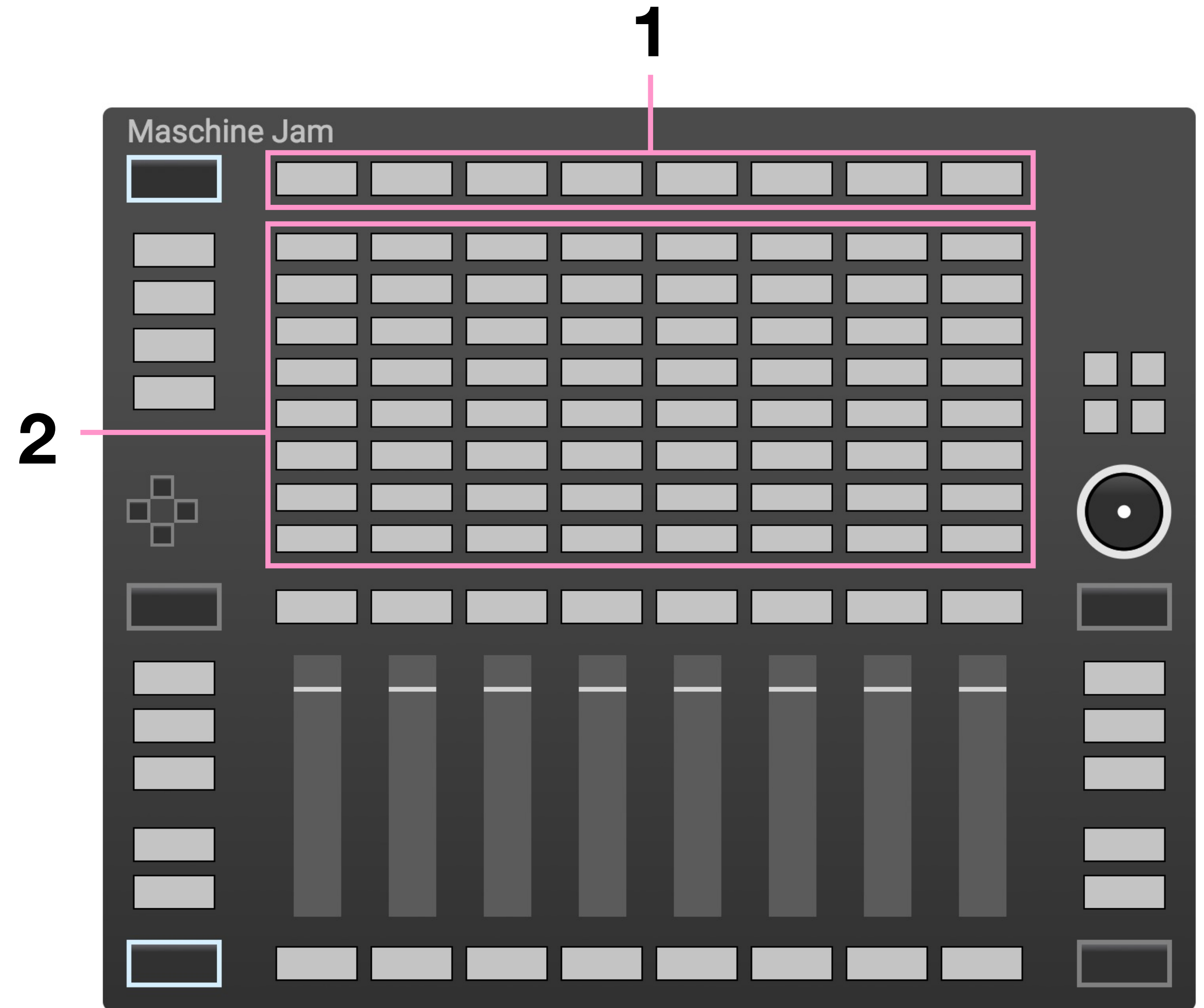
SessionMode: Press SELECT + [Track A-H] to Fold/Unfold group of Tracks
SessionMode: Press SELECT + [clip slot] to select clip without triggering it

SongMode 1/2

Overall layout

- 1: Trigger CuePoints
- 2: Clip Markers for Tracks

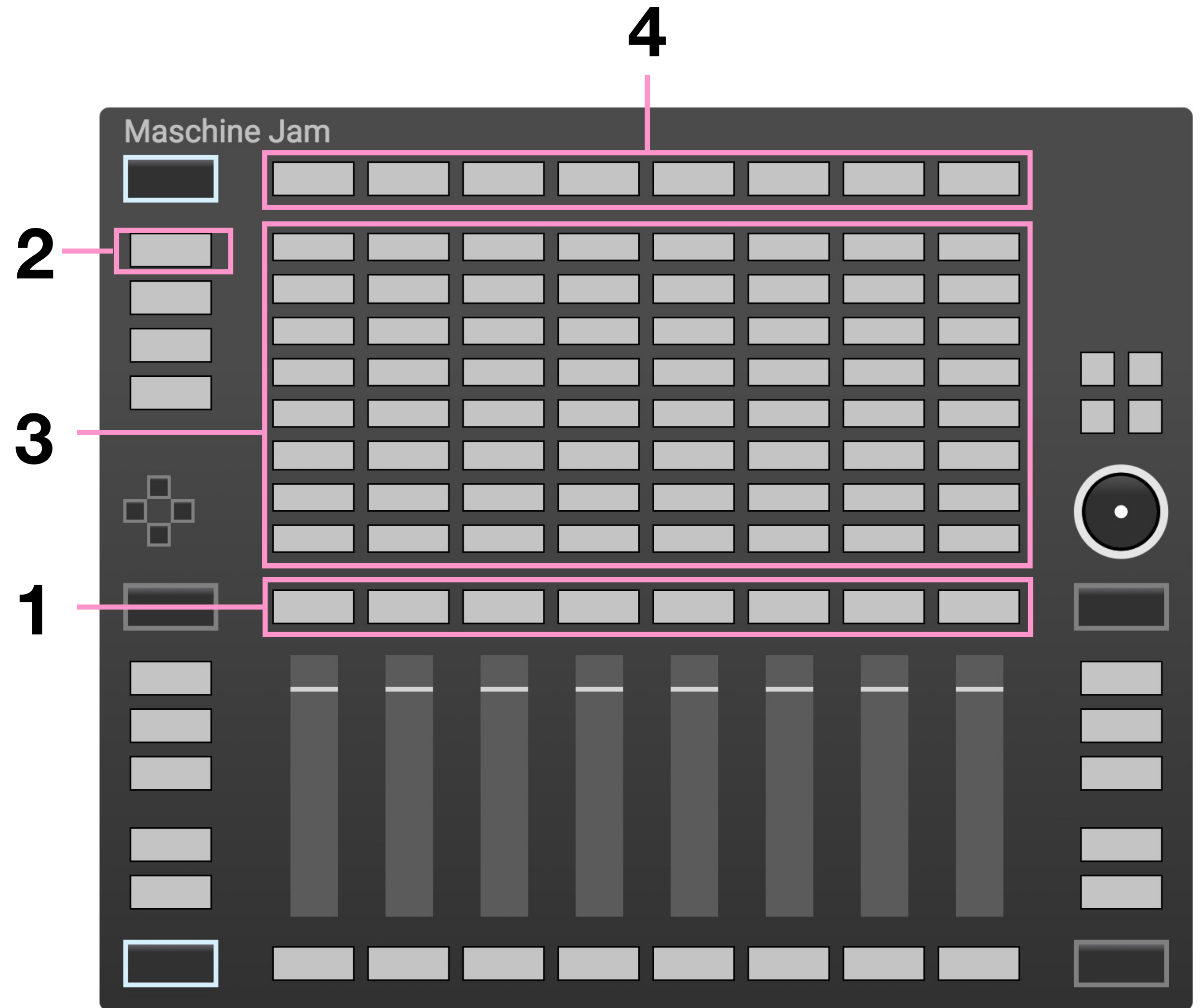
Song Mode is currently only visual reference for clips in different tracks and to trigger CuePoints in Arrangement timeline.



StepMode 1/2

Overall layout

- 1: Select Track
- 2: Enable StepMode
- 3: Enter/Remove Notes
- 4: Move Between Pages

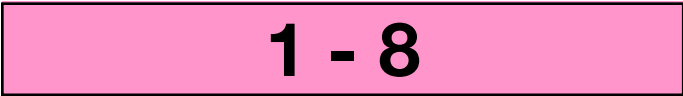


StepMode 2/2

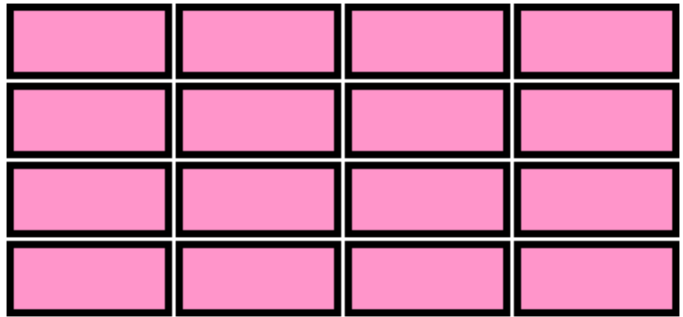
Buttons explained



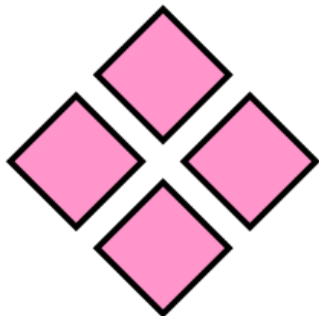
Enter/Exit StepMode



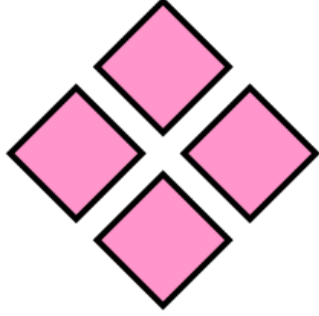
Select between pages in current clip - based on current grid size setting.



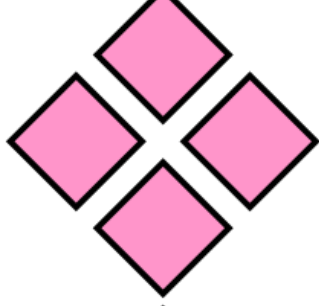
Enter/Remove Notes by pressing the notes on 8x8 grid.



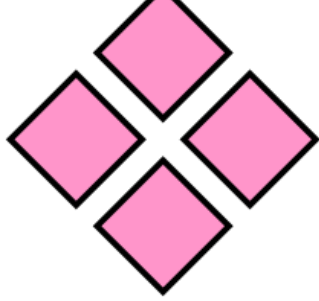
Press UP / DOWN to change Root Note semitone Up/Down



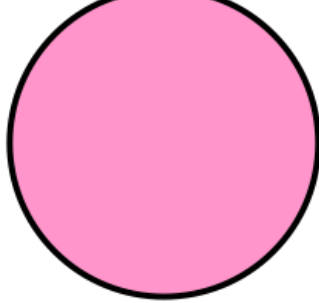
Press SHIFT + UP / DOWN to change Root Note octave Up/Down



Press LEFT / RIGHT to change used Key Scale.



Press SHIFT + LEFT / RIGHT to change note scale.

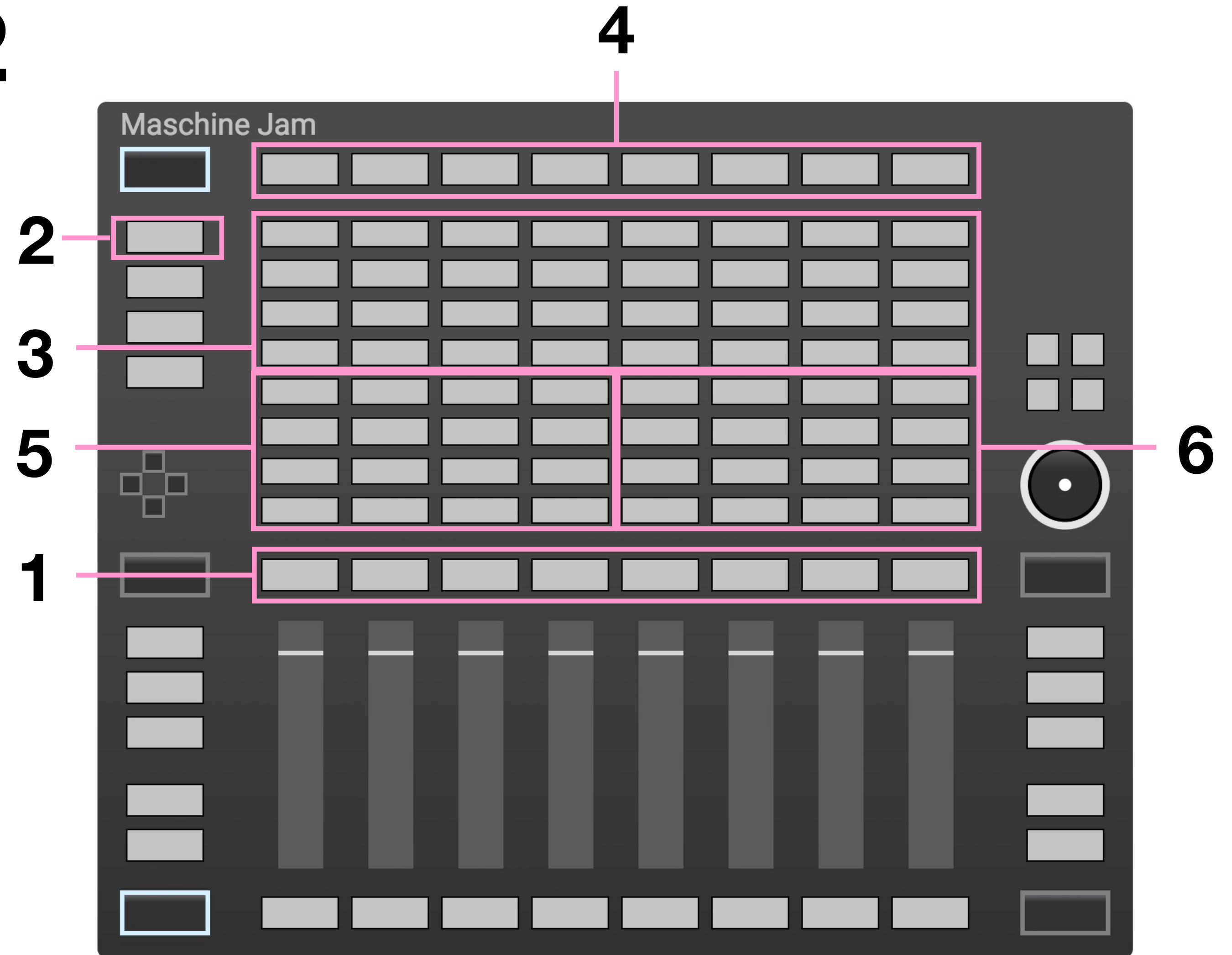


Rotate Main Knob to change step length setting.

DrumStepMode 1/2

Overall layout

- 1: Select Track
- 2: Enable StepMode
- 3: Enter/Remove Notes
- 4: Move Between Pages
- 5: Change Note Velocity
- 6: Change Drum Pad



DrumStepMode 2/2

Buttons explained

STEP Enter/Exit StepMode

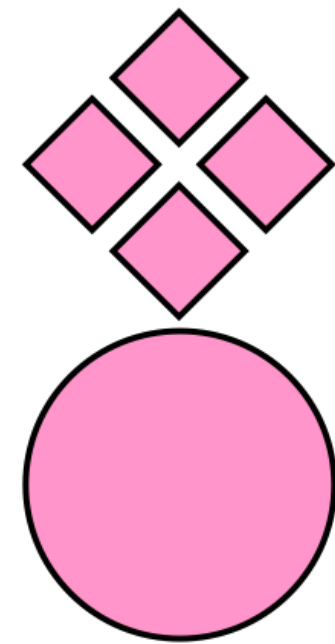
1 - 8 Select between pages in current clip - based on current grid size setting.

Select Note Velocity setting by pressing the lower left 4x4 buttons.

Select Drum Pad by pressing lower right 4x4 buttons.

SOLO Toggle SOLO mode for Drum Pads.

MUTE Toggle MUTE mode for Drum Pads.



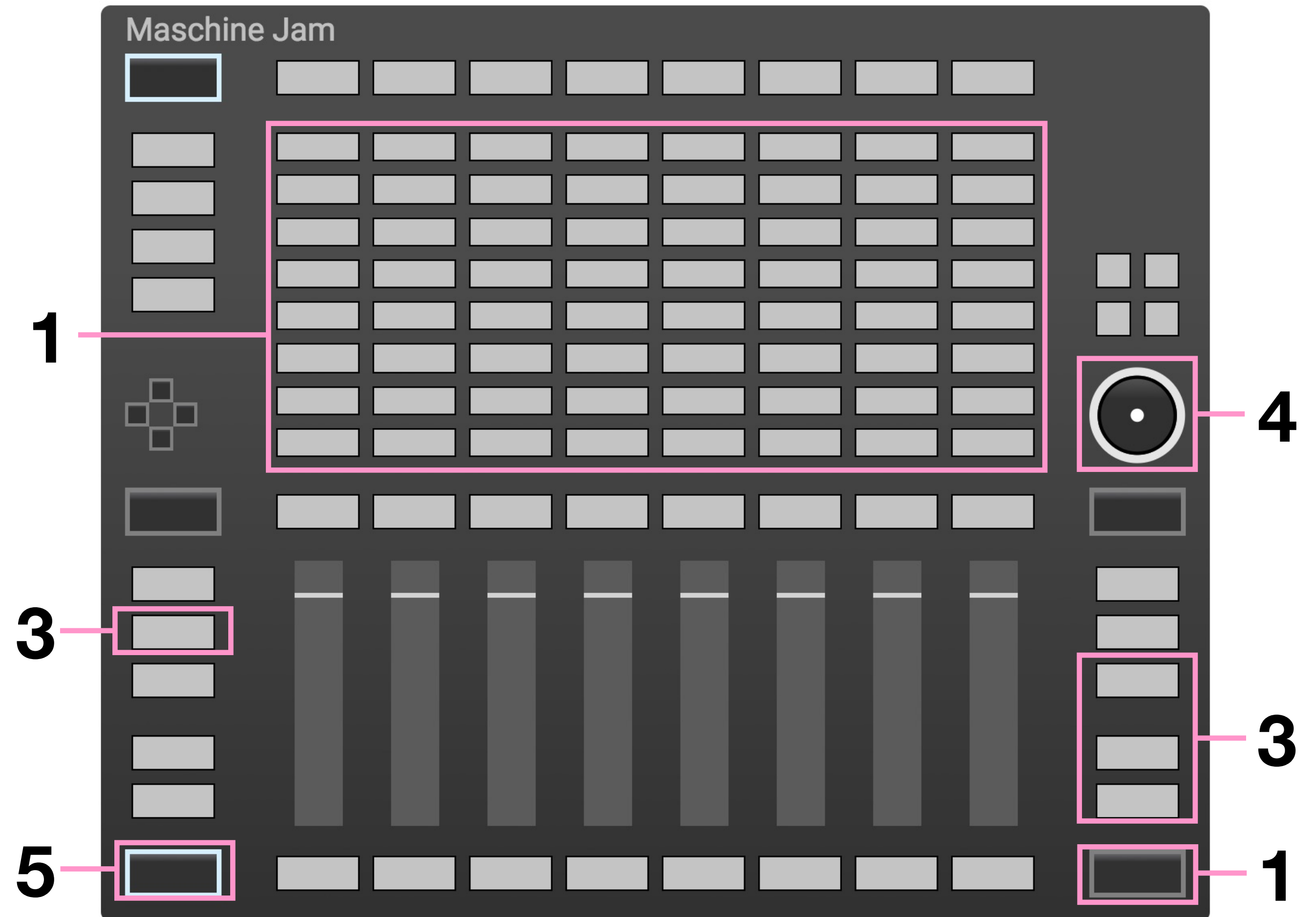
Press UP / DOWN to change Drum Pad selection Up/Down by 4 steps (1 row).

Rotate Main Knob to change step length setting.

NoteEditing 1/2

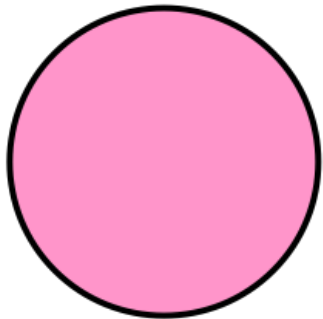
Overall layout

- 1: Press SELECT + Step Pad to select Notes inside that step.
- 2: Repeat for multiple notes - press same step again to unselect
- 3: Select Parameter you want to edit with SELECT + BUTTON
- 4: Rotate Main Knob to edit notes
- 5: SHIFT + SELECT to unselect all notes



NoteEditing 2/2

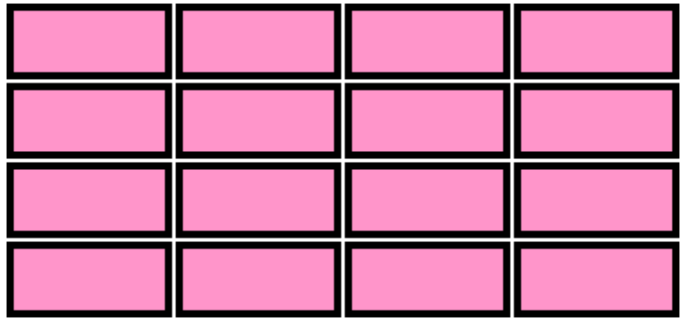
Buttons explained



Rotate Main Knob to change selected notes Velocity / Duration / Pitch / Start Time property.

SELECT

Main Select functionality modifier button - acting almost like SHIFT button.
Press SHIFT+SELECT to deselect all notes (empty selection).



Press SELECT + Step pad to Select/Deselect notes within that step. Selected Notes colour changes to yellow.

VOLUME

Press SELECT + VOLUME to control Note Velocity values with MAIN KNOB

LOCK

Press SELECT + LOCK to control Note Duration (length) values with MAIN KNOB

TUNE

Press SELECT + TUNE to control Note Pitch values with MAIN KNOB

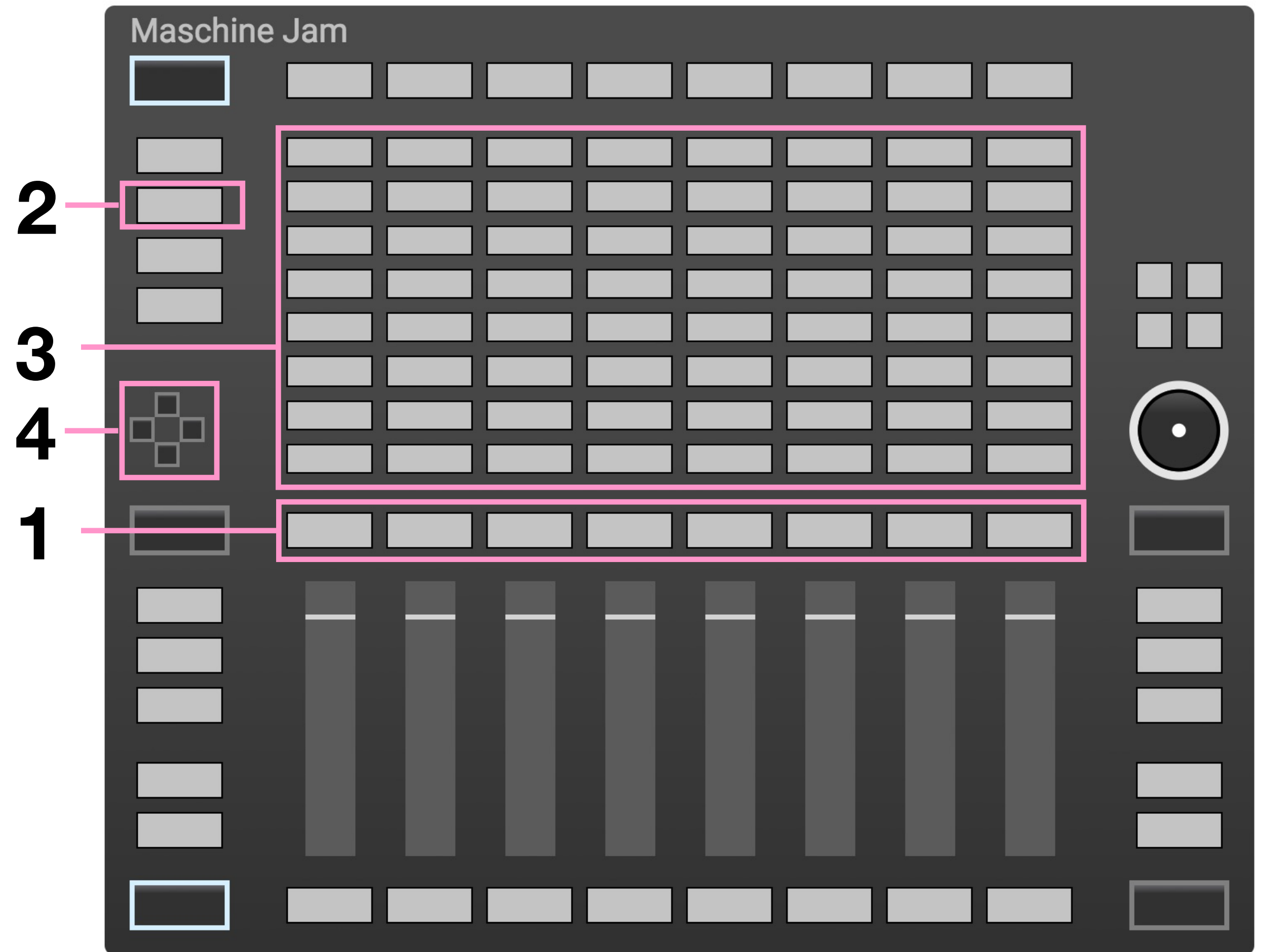
SWING

Press SELECT + SWING to control Note start time values with MAIN KNOB

PadMode 1/2

Overall layout

- 1: Select Track
- 2: Enter Pad Mode
- 3: Trigger Notes
- 4: Change settings



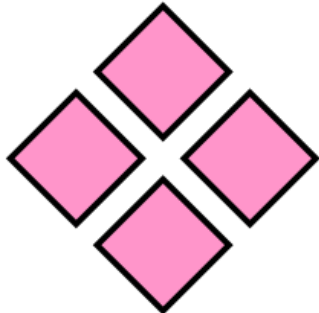
PadMode 2/2

Buttons explained

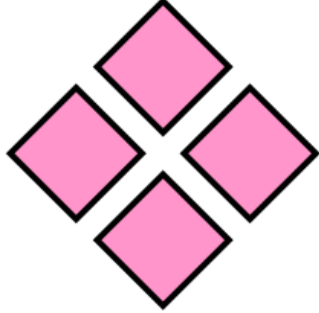
A - H Select Track

PAD MODE Enter/Exit PadMode

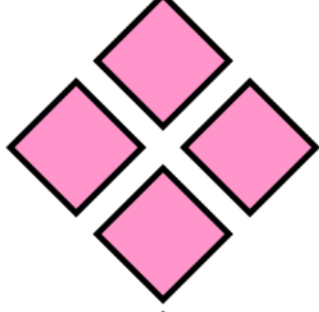
Trigger Notes with 8x8 Clip Pads



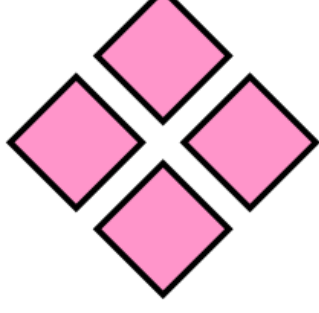
Press UP / DOWN to change Root Note semitone Up/Down



Press SHIFT + UP / DOWN to change Root Note octave Up/Down



Press LEFT / RIGHT to change used Key Scale.

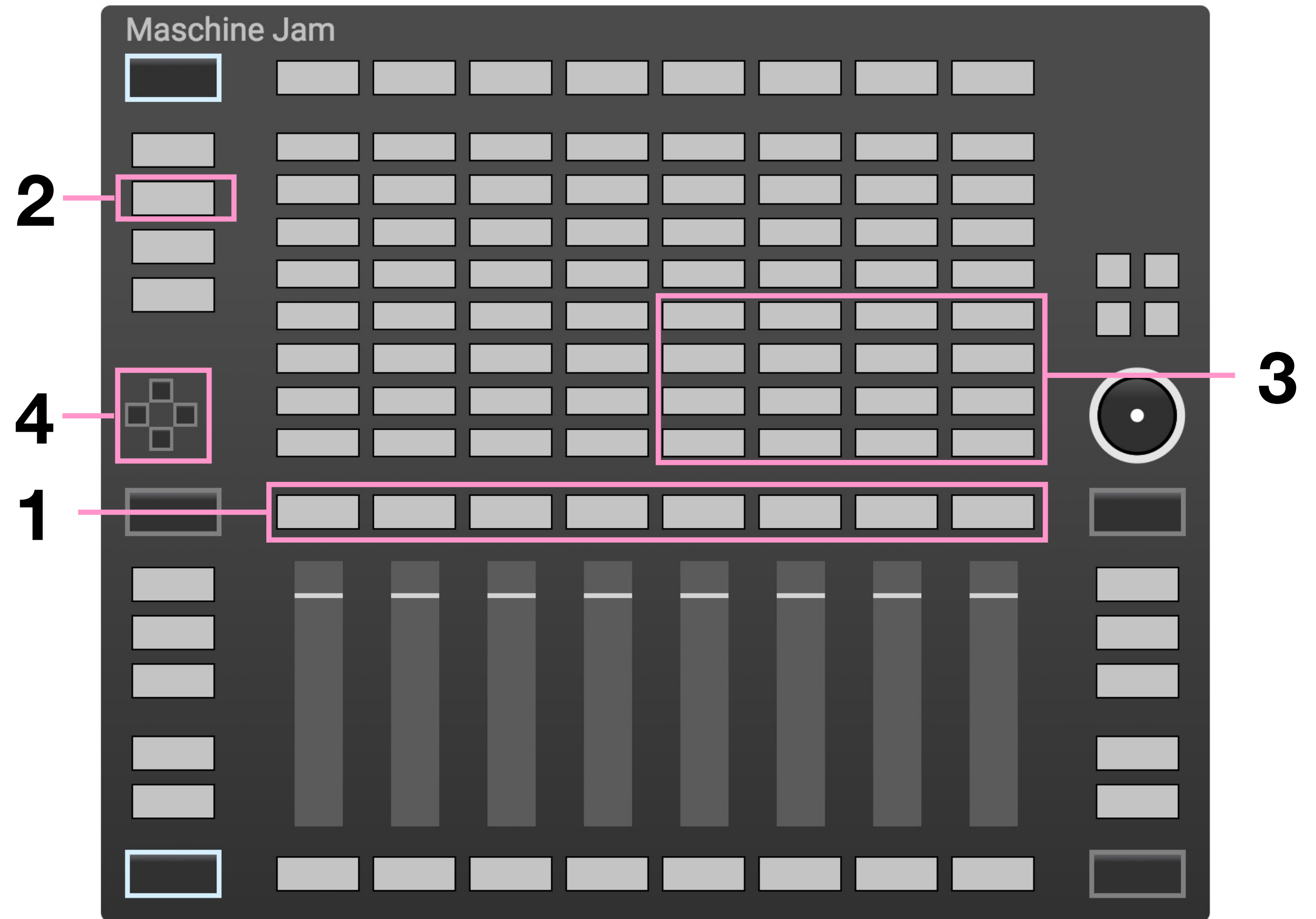


Press SHIFT + LEFT / RIGHT to change note scale.

DrumPadMode 1/2

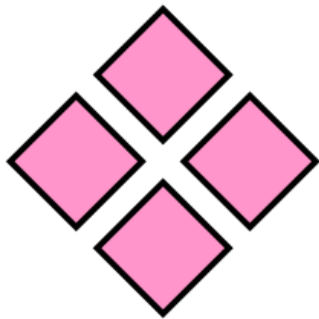
Overall layout

- 1: Select Track
- 2: Enter Pad Mode
- 3: Trigger Drum Pads
- 4: Change settings



DrumPadMode 2/2

Buttons explained



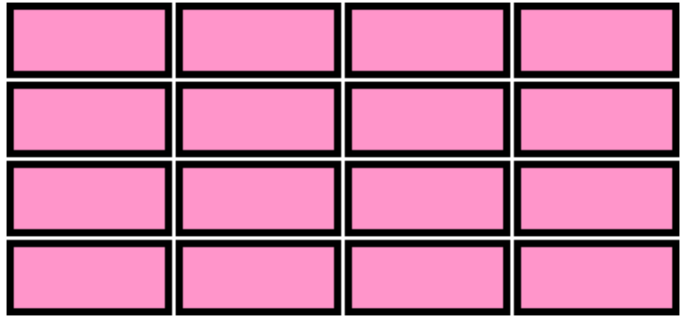
Press UP / DOWN to change Drum Pad selection Up/Down by 4 steps (1 row).

A - H

Select Track

PAD MODE

Enter/Exit PadMode

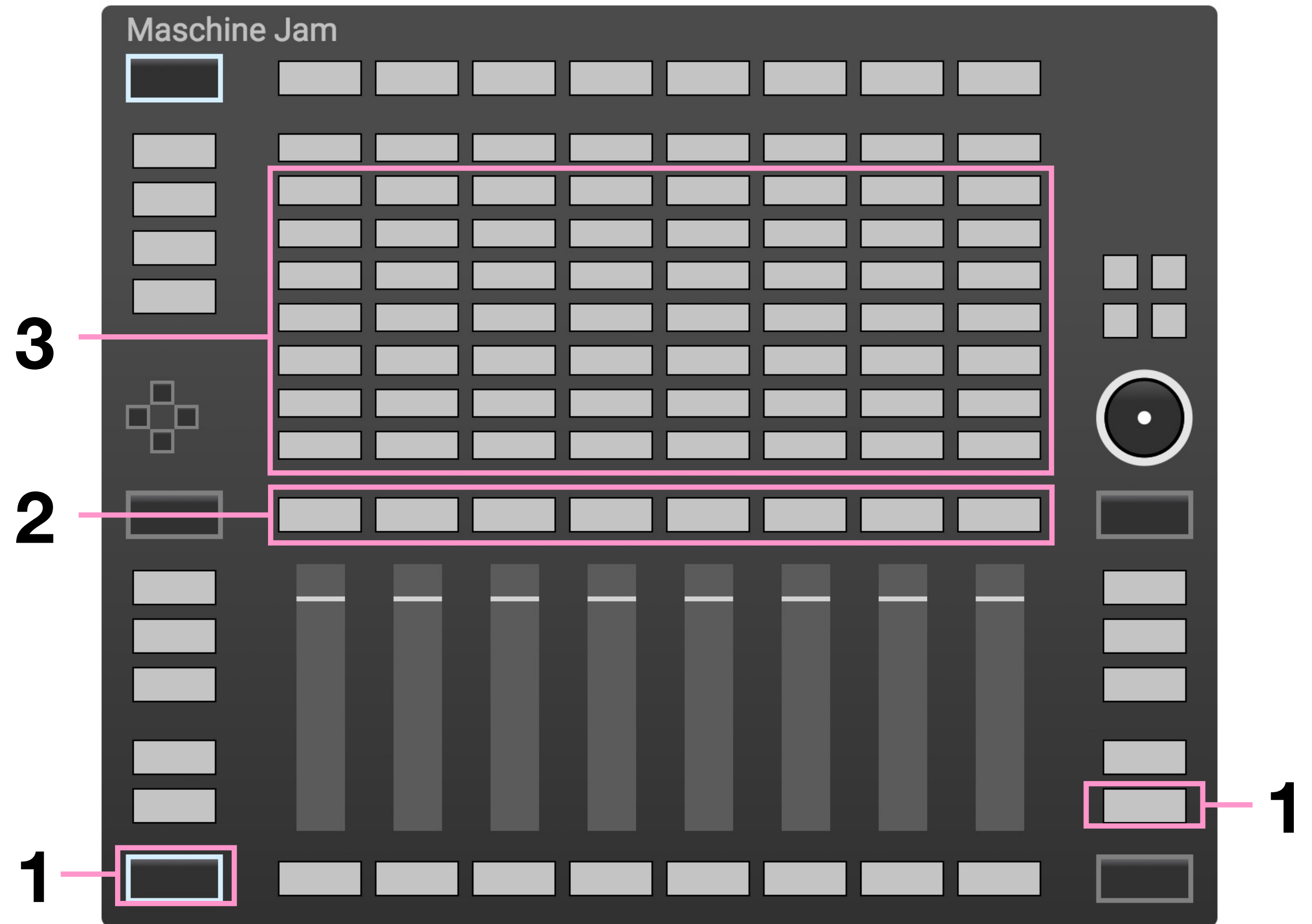


Trigger Drum Pads with lower right 4x4 Clip Pads

LoadMode 1/2

Overall layout

- 1: Enter Load Mode
- 2: Select Track
- 3: Load Instrument/Effect/Plugin

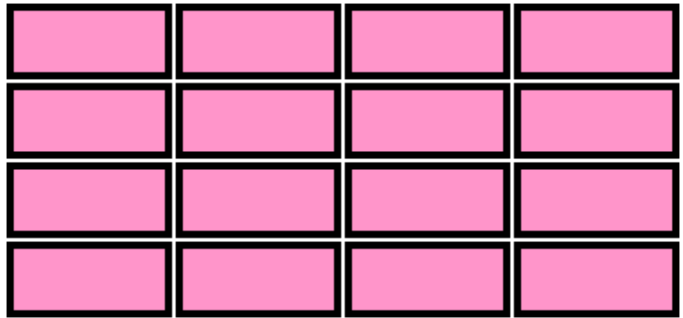


LoadMode 2/2

Buttons explained

SWING

Press SHIFT + SWING to Enter/Exit LoadMode.
Press SWING to change between four pages.



Press any Clip Slot to load up configured Instrument / Effect / Plugin based on user configuration.

A - H

Select Track based on current focus area.

Configuration

Configuration 1/2

Supported items

- INS Native Ableton Instruments
- MFX Native Ableton MIDI Effects
- SFX Native Ableton Audio Effects
- VST 3rd party VST plugins
- AuU 3rd party AuU plugins
- M4L Native + 3rd party Max4Live devices including both Instruments and Effects

```

UserPluginConf.py
USER_PLUGINS_PAGE_1 = [
    ['INS/Drum Synth/DS Kick', 'INS/Drum Synth/DS Snare', 'INS/Drum Synth/DS Clap', 'INS/Drum S
    ['INS/Drum Synth/DS Sampler', 'INS/Drum Synth/DS FM', '', '', '', '', '', ''],
    ['', '', '', '', '', '', '', ''],
    ['', '', '', '', '', '', '', ''],
    ['', '', '', '', '', '', '', ''],
    ['INS/Analog', 'INS/Collision', 'INS/Drum Rack', 'INS/Electric', 'INS/External Instrument',
    ['INS/Operator', 'INS/Sampler', 'INS/Simpler', 'INS/Tension', 'INS/Wavetable', '', '', '']
]

USER_PLUGINS_PAGE_2 = [
    ['SFX/Delay & Loop/Beat Repeat', 'SFX/Delay & Loop/Delay', 'SFX/Delay & Loop/Echo', 'SFX/De
    ['SFX/Drive & Color/Amp', 'SFX/Drive & Color/Cabinet', 'SFX/Drive & Color/Drum Buss', 'SFX/
    ['', '', '', '', '', '', 'SFX/Drive & Color/Saturator', 'SFX/Drive & Color/Vinyl Distortion'],
    ['SFX/Dynamics/Compressor', 'SFX/Dynamics/Gate', 'SFX/Dynamics/Glue Compressor', 'SFX/Dynam
    ['SFX/EQ & Filters/Auto Filter', 'SFX/EQ & Filters/Channel EQ', 'SFX/EQ & Filters/EQ Eight
    ['SFX/Modulators/Envelope Follower', 'SFX/Modulators/LFO', 'SFX/Modulators/Shaper', '', '', '
    ['SFX/Pitch & Modulation/Auto Pan', 'SFX/Pitch & Modulation/Chorus-Ensemble', 'SFX/Pitch &
]

USER_PLUGINS_PAGE_3 = [
    ['SFX/Reverb & Resonance/Corpus', 'SFX/Reverb & Resonance/Hybrid Reverb', 'SFX/Reverb & Re
    ['SFX/Utilities/Audio Effect Rack', 'SFX/Utilities/External Audio Effect', 'SFX/Utilities/
    ['', '', '', '', '', '', ''],
    ['VST/TDRNova', '', '', '', '', '', ''],
    ['', '', '', '', '', '', ''],
    ['', '', '', '', '', '', ''],
    ['VST/Massive', 'VST/Battery 4', 'VST/u-he/Diva', 'VST/ABL3', '', '', '']
]

USER_PLUGINS_PAGE_4 = [
    ['MFX/Arpeggiator', 'MFX/Chord', 'MFX/Envelope MIDI', 'MFX/Expression Control', 'MFX/MIDI
    ['MFX/Note Length', 'MFX/Pitch', 'MFX/Random', 'MFX/Scale', 'MFX/Velocity', '', '', ''],
    ['', '', '', '', '', '', ''],
    ['', '', '', '', '', '', ''],
    ['', '', '', '', '', '', ''],
    ['', '', '', '', '', '', ''],
    ['M4L/Max MIDI Effect/Instant Haus by Alexkid', '', '', '', '', '', 'M4L/Max Instrument/Bas
]

```

Configuration 2/2

Edit UserPluginConf.py

- USER_PLUGINS_PAGE_1
- USER_PLUGINS_PAGE_2
- USER_PLUGINS_PAGE_3
- USER_PLUGINS_PAGE_4
- Each has 7 rows (top row reserved) - each row including 8 items.
- Rows starting with # comments
- After editing files - remember to restart your Ableton Live to make sure changes are reloaded.

Author

Haxor

- From duo Haxor & Roxor
<https://haxorroxor.com>
- Email: haxor dot music at gmail dot com

