

Bitwig Studio Controller Extension

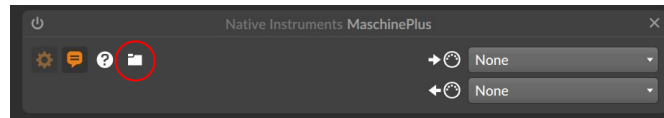
# Native Instruments Maschine MK3 / Maschine +



# Controller Editor Template



Load the template files in Controller Editor found in the template support files folder in the controller section of Bitwig's Settings.



# Overview

Plugin Control

Arranger: Toggle between Arranger and Launcher view

Browser

Knobs navigation

File: Save project. Shift + File: Open project.

Auto: Toggle automation write on/off

Launcher navigation

Playhead indicator

Track selection: Navigate in groups of 8. Use shift to select the group.

Transport section



# Overview

Display Buttons

Note Repeat: Note Repeat for Drum Machine or Arpeggiator for Keyboard mode  
Fixed Vel: Fixed Velocity for Note Input  
Pad Mode / Keyboard: Note input

Volume: Master Volume  
Swing: Shuffle Amount  
Tempo: Tempo



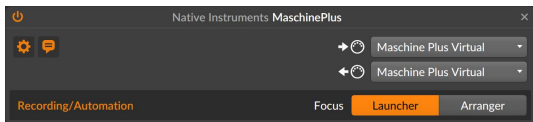
Step: Step Sequencer  
Scene: Launcher scenes  
Pattern: Launcher clips  
Duplicate: Duplicate clips or tracks  
Select: Select clips or drum sounds  
Solo: Solo tracks  
Mute: Mute tracks



# Transport section

- Restart: Start playback from the beginning
- Erase: Press and hold Erase to delete Scenes, Clips or Tracks
- Tap: Tap tempo
- Play: Start playback
- Rec: Record to launcher clip or the arranger
- Stop: Stop

- Shift+ Restart: Toggle loop on or off
- Tap: Toggle Click on or off



Whether Automation and Note recording is targeting the Arranger or the Launcher can be defined in Preferences > Controllers.



# Shift Functions

Shift +

Pad 1: Undo

Pad 2: Redo

Pad 5: Quantize

Pad 6: Quantize 50%

Pad 9: Clear Clip / Object content

Pad 11: Copy

Pad 12: Paste

Pad 13: - 1 semitone for all events in the selected clip

Pad 14: + 1 semitone for all events in the selected clip

Pad 15: - 1 octave for all events in the selected clip

Pad 16: + 1 octave for all events in the selected clip

Double: Double Content

Touch Parameter while on Plug-In: Reset Parameter



## Plug-In: Controlling the device chain

Press Plug-In to control the device chain.

Parameters:

Knob one-eight: Remote Control parameters  
Left / Right: Remote Control pages

Touching the 4 Directional Knob shows the functionality of the display buttons.

Button one: Bypass

Button three: Previous device in the chain

Button four: Next device in the chain

## Mixer: Controlling Volume, pan and send

Press Mixer to access Bitwig's Mixer.

Use the Left / Right buttons to define whether to control Levels, pan or a send.



## Note Repeat: Arpeggiator

Press and hold Note Repeat,  
then play on the pads in Keyboard or Pad Mode.

Parameters:  
Knob one: Octave  
Knob two: Mode  
Knob four: Rate  
Knob five: Gate

## Fixed Velocity: One velocity

Toggle Fixed Velocity on and off  
then play on the pads in Keyboard or Pad Mode.





# Pad Mode / Keyboard Mode

If a Drum Machine in the selected track,  
Pad Mode will be entered, otherwise  
Keyboard Mode will be active, regardless whether  
Pad Mode or Keyboard mode is pressed.

Pad Mode parameters:

Knob one: Fixed Velocity

Keyboard Mode parameters:

Knob one: Scale

Knob two: Octave

Knob three: Root note

Knob five: Fixed Velocity

Touching the 4 Directional Knob shows the functionality of  
the display buttons.

Playing the pads supports poly aftertouch.



# Step Mode: Step Sequencer

## Step Sequencing

Parameters:

Knob one: Note selection

Knob two: Velocity

Knob three: Clip Length

Knob four: Grid Resolution

Touching the 4 Directional Knob shows the functionality of the display buttons.

Button 3: Page left

Button 4: Page right

## Browser

Browser: Insert next Device

Shift + Browser: Replace current device

