BITWIG STUDIO CONTROLLER EXTENSION

AKAI
MPK Mini IV

BITWIG

All Modes

This document gives you a brief overview of the functions of the Akai MPK Mini IV with Bitwig Studio. For an explanation of all controller functions, please read the MPK Mini IV user guide provided by Akai.

1 Note Input/Clip Control
The pads can be used to trigger notes or clips in the Clip Launcher, depending on the currently selected mode *(see Pad Modes on page 2).*

2 Remote Controls/Mixer Control
The knobs can be used to control parameters of the Remote Control pages or in the mixer, depending on the currently selected mode *(see Knob Modes on page 3).*

3 Scene Select/Scene Launch
Turn the encoder to select the previous or next scene in the Clip Launcher. The 4x4 frame of the focussed area will be moved vertically.

Press the encoder to launch or restart a scene.

4 Track Select
Press - or + to select the previous or next track. The 4x4 frame of the focussed area in the Clip Launcher will be moved horizontally.

5 Undo/Redo
Press UNDO to undo the last operation.

Hold SHIFT and press UNDO to redo the last operation.

6 Loop
Press LOOP to toggle the Arranger Loop on or off.

7 Play/Stop
Press PLAY/STOP to start or stop the transport of Bitwig Studio.

Hold SHIFT and press PLAY/STOP to pause and continue playback from the same Arranger position.

8 Record/Quantize
Press RECORD to toggle recording (when assigned to Arranger*) or Clip Launcher Overdub on or off (when assigned to Clip Launcher*).

Hold SHIFT and press RECORD to toggle Record Quantisation between off and 1/16.

9 Overdub/Automation Write
Press OVERDUB to toggle Overdub in the Arranger or Clip Launcher on or off, depending on the record button assignment.*

Hold SHIFT and press OVERDUB to toggle Automation Write on or off.

You can change the assignment in the Controller Status Window (see the last page)

Pad Modes

The Pads can be toggled between three different modes: Clip Launcher Mode, Track Control Mode and Note Mode.
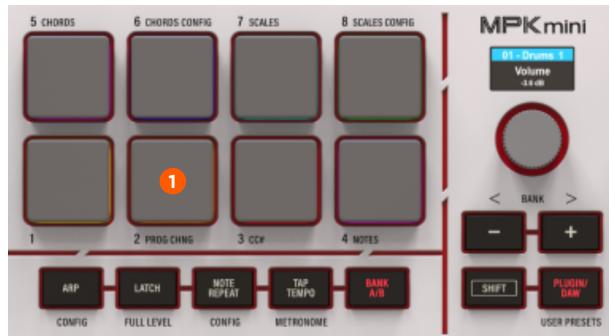
1 Clip Launcher Mode

Clip Launcher Mode allows you to trigger clips in the Launcher of Bitwig Studio.

Hold SHIFT and press PAD 2 to select Clip Launcher Mode.

The currently focussed area of 4x4 pads will be visualized by a frame in the Clip Launcher. Press BANK A/B to toggle the pads between the upper and lower half of the 4x4 focussed area.

The pad colors correspond to the colors of the clips and their current status (green = playing, red = recording)

2 Track Control Mode

Track Control Mode allows you to toggle various track parameters with the pads:

Mute (orange), **Solo** (yellow), **Record Arm** (red), and **Stop Clips** (green)

Hold SHIFT and press PAD 3 to select Track Control Mode.

Press BANK A/B to toggle the pads between Mute/Solo and Record Arm/Stop Clips.

3 Note Mode

Note Mode allows you to trigger notes on an instrument loaded into a device chain in Bitwig Studio.

Hold SHIFT and press PAD 4 to select Note Mode.
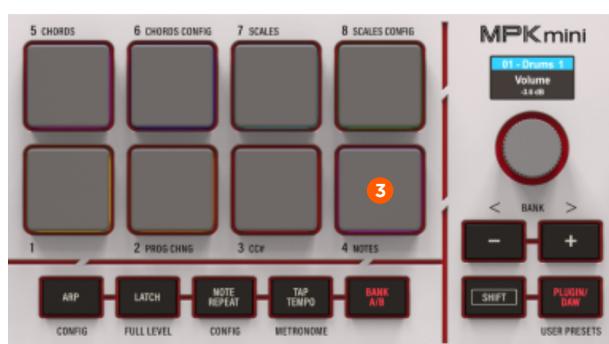
If the device chain contains a **Drum Machine** instrument, the pads will trigger the 16 instruments of the device.

Press BANK A/B to toggle the pads between the lower and the upper half of the drum cells.

If the device chain contains any other instrument device or VST, the pads will trigger notes with optional **scale support**.

Hold SHIFT and press the encoder to enter the note menu. These parameters are available:

• **Scale**
• **Root Note** (will be highlighted on the pads)
• **Octave**
• **Pad Offset** (on Drum Machine tracks only)

Knob Modes

The 8 knobs can be toggled between three different modes. In all modes the resolution of the knobs can be increased by holding SHIFT when turning a knob.

Mode Select
Hold SHIFT and press the encoder to toggle between Remotes, Track or Mixer Mode.
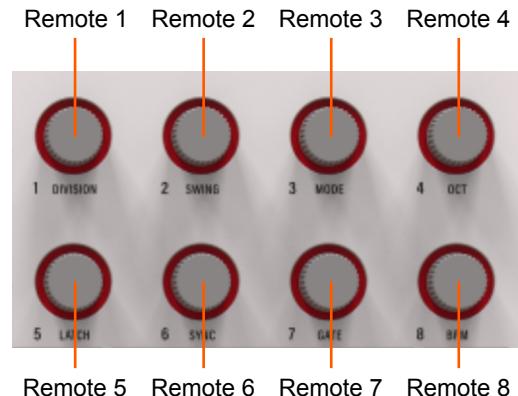
Please note: If the Pad Mode is set to Note Mode, holding SHIFT and pressing the encoder will enter the note menu. Please scroll down to the bottom entry and select a Knob Mode.

1 Remotes Mode
Remotes Mode allows you to control the remote controls of the currently selected device, the track or the project remotes.

Hold SHIFT and turn the encoder to select a device in a device chain. Hold SHIFT and turn the encoder fully CCW to select the project or track remotes controls. The device name will be displayed in the second row of the display.
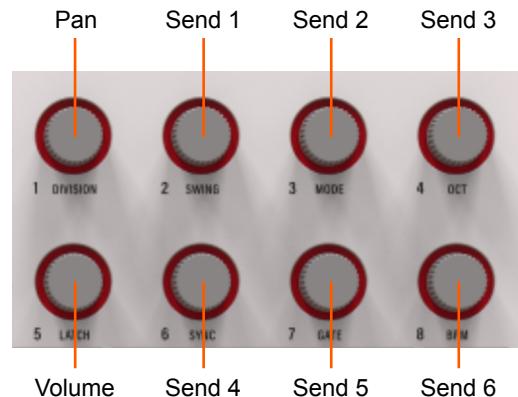
Hold SHIFT and press +/- to select the next or previous Remote Controls page. The page name will be displayed in the third row of the display.

Remote 1　Remote 2　Remote 3　Remote 4

Remote 5　Remote 6　Remote 7　Remote 8
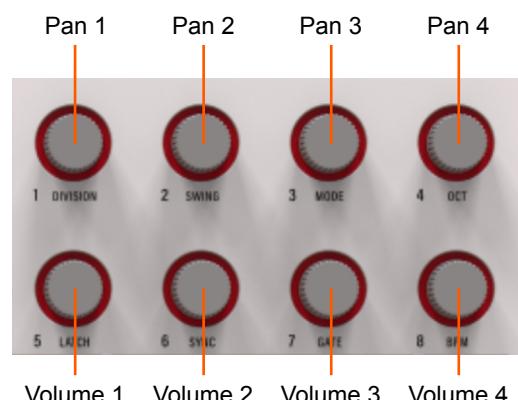
2 Track Mode
Track Mode allows you to control the pan position, volume and FX send levels of the currently selected track.

If a track contains more than six FX Sends, **hold SHIFT and press +/- to scroll through the FX sends** (7-13, 8-14 etc.).

Pan　Send 1　Send 2　Send 3

Volume　Send 4　Send 5　Send 6

3 Mixer Mode
Mixer Mode allows you to control the pan position and volume of the currently focussed bank of four tracks.

Pan 1　Pan 2　Pan 3　Pan 4

Volume 1　Volume 2　Volume 3　Volume 4

Setup and Options

Setup

The MPK Mini IV should be detected and set up automatically when it is connected. If you add the device manually, make sure the correct MIDI ports are selected in the correct order.

Mac/Linux:
In 1:   MPK mini IV DAW Port
In 2:   MPK mini IV MIDI Port
Out 1:   MPK mini IV DAW Port
Out 2: MPK mini IV MIDI Port

Windows:
In 1:   MIDIIN2 (MPK mini IV)
In 2:   MPK mini IV
Out 1:   MIDIOUT2 (MPK mini IV)
Out 2: MPK mini IV

Synchronization
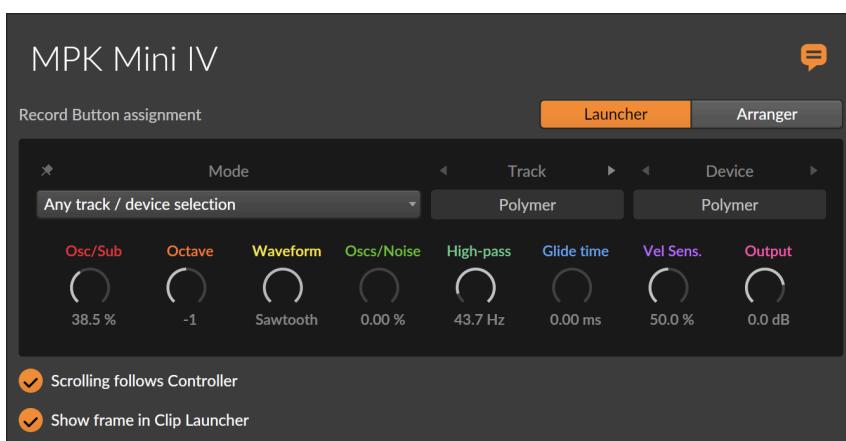
To synchronize the arpeggiator or note repeat of the MPK Mini IV to Bitwig Studio:

• On the MPK mini IV hold SHIFT and press ARP to open the arpeggiator menu. Set Clock to Ext.
• In Bitwig Studio go to Dashboard > Synchronization and activate the following settings for MPK Mini IV DAW Port:

Controller Status Window

When the MPK Mini IV is recognized by Bitwig Studio, a small keyboard icon appears in the top right corner of the application window. Clicking on this icon will open the controller status window.

You can change the record button assignment to toggle between recording in the Clip Launcher or the Arranger.

In the middle section the current knob assignment is shown. Pressing one of the pin icons lets you permanently assign the controls to certain parameters. For more information please read the Bitwig Studio user guide.