

BITWIG STUDIO CONTROLLER EXTENSION

ARTURIA  
**KeyLab mk3**



# Pads and DAW Buttons

This document gives you a brief overview of the functions of the KeyLab mk3 with Bitwig Studio. For an in-depth explanation of all controller functions, please read the KeyLab mk3 user guide provided by Arturia.

## 1 Pad Mode

Press BANK+ or BANK- to toggle the Pad Banks between A to D and DAW.

## 2 Notes/Clip Control

Pad Banks A to D send MIDI notes, starting from C1 (Bank A, bottom left) to B4 (Bank D, top right).

In DAW Mode the pads control a 3x4 matrix of clips in the launcher. The pad colors correspond to the status of the clips:

**Unlit** empty slot

**Clip color** clip not playing

**Green** clip currently playing

**Red** clip slot is record ready

**Blinking (slow)** clip about to start playing or recording

**Blinking (fast)** clip about to stop (after long press)

Long-press a pad to stop a currently playing clip. The duration can be set in the controller preferences in Bitwig Studio.

## 3 DAW Control

**Save** saves the currently opened project

**Quantize** quantizes the selected launcher clip

**Undo** reverts the last command

**Redo** repeats the last command

## 4 Transport Control

**Cycle** toggles cycle mode on or off

**<<** moves the playhead back by one bar

**>>** advances the playhead by one bar

**Click** toggles the metronome on or off

**Stop** stops the transport. Press again to set playhead position to bar 1.1.1.

**Play** starts the transport. Press again to stop the transport.

**Rec** toggles recording on or off (when assigned to arranger), or toggles Clip Launcher Overdub on or off (when assigned to clip launcher).

**Tap** sets the project tempo when pressed repeatedly.



# Display Section, Encoders and Faders

## 5 Device Mode

Press DEVICE to switch the encoders and faders to Device Mode.

Hold DEVICE and turn the encoder to select the previous or next device of the currently selected track.

## 6 Mixer Mode

Press MIXER to switch the encoders and faders to Mixer Mode.

Hold MIXER and turn the encoder to move the focus of the mixer controls forward or backward by one track.

## 7 Previous/Next Scene

Press the ARROW KEYS to select the previous or next scene. The scene name will be displayed in the second row of the display.

## 8 Record Enable

Press RECORD ENABLE to arm the currently selected track.

## 9 Solo

Press SOLO to solo the currently selected track.

## 10 Mute

Press MUTE to mute the currently selected track.

## 11 Play Scene/Stop All Clips

Press PLAY SCENE to launch the currently selected scene.

Long-press PLAY SCENE to stop all currently playing clips.

## 12 Browse Tracks/Open Plug-in Window

Turn the ENCODER to browse through tracks. The track name with its track color will be displayed in the first row of the display.

Press the ENCODER to open the plug-in window of a selected plug-in (or extended device view if available).

## 13 Close Plug-in Window

Press BACK to close the plug-in window (or extended device view if available).

## 14 Track Panning/Remote Controls 1-8

In Device Mode the ENCODERS are assigned to the remote controls of the currently selected device.

In Mixer Mode the ENCODERS control the pan position of the currently selected bank of 8 tracks.

## 15 Track Volume/Remote Controls 9-16

In Device Mode the FADERS are assigned to the remote controls of the second remote controls page of the currently selected device.

In Mixer Mode the FADERS control the volume of the currently selected bank of 8 tracks.

## 16 Track Panning

Turn the ENCODER to control the pan position of the currently selected track.

## 17 Track Volume

Move the FADER to control the volume of the currently selected track.

Touch any ENCODER or FADER to show its current assignment and parameter value on the display.



# Setup

## Keyboard Settings

- Press the SETTINGS button on the left side of the KeyLab mk3 to open the settings page on the display. Navigate to GLOBAL > DAW PROTOCOL and select BITWIG.
- Press the PROG button on the left side of the KeyLab mk3 to open the program select page on the display. Select DAW and press the PROG button again to enter DAW MODE.
- If you want to control the clip launcher with the pads, select PAD BANK: DAW by pressing the BANK+ button repeatedly.

## Bitwig Studio

The KeyLab mk3 should be detected and set up automatically when it is connected. If you add the controller manually, make sure the correct MIDI ports are selected in the correct order. In this example a KeyLab 49 mk3 is used:

### Mac:

In 1: KeyLab 49 mk3 DAW  
In 2: KeyLab 49 mk3 MIDI  
Out 1: KeyLab 49 mk3 DAW  
Out 2: KeyLab 49 mk3 MIDI

### Windows:

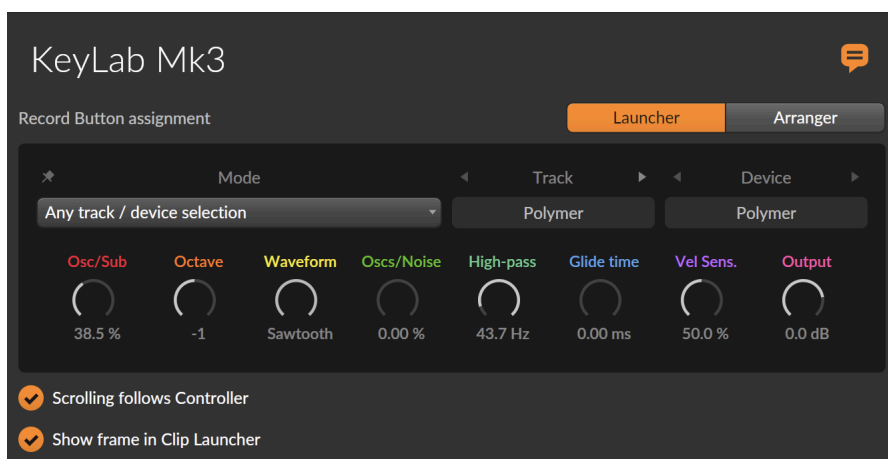
In 1: MIDIIN2 (KeyLab 49 mk3)  
In 2: KeyLab 49 mk3  
Out 1: MIDIOUT2 (KeyLab 49 mk3)  
Out 2: KeyLab 49 mk3

### Linux:

In 1: KeyLab 49 mk3 KeyLab 49 mk3 DAW  
In 2: KeyLab 49 mk3 KeyLab 49 mk3 MID  
Out 1: KeyLab 49 mk3 KeyLab 49 mk3 DAW  
Out 2: KeyLab 49 mk3 KeyLab 49 mk3 MID

## Controller Status Window

When the KeyLab mk3 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 control recording either in the 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.