Native Instruments
Kontrol S-Series Mk3

BITWIG

Transport and Navigation

This document gives you a brief overview of the functions of the Kontrol S-Series Mk3 (firmware version 2.0 or later) with Bitwig Studio. For an in-depth explanation of all controller functions, please read the Kontrol S-Series Mk3 user guide provided by Native Instruments.

1 Undo
Press to undo, hold SHIFT and press UNDO to redo.

2 Quantize
Press to quantize notes of the currently selected clip in the Arranger or Launcher, depending on the Focus setting *(see the last page)*.

3 Loop
Press LOOP to toggle loop mode.

Hold LOOP and turn the 4D Encoder to change the loop start time.

4 Metronome/Tempo
Press METRO to toggle the metronome.

Hold SHIFT and press METRO to adjust the tempo with the 4D Encoder. Push the 4D Encoder to confirm.

5 Automation
Press AUTO to toggle Automation Write in the Arranger or Launcher, depending on the Focus setting *(see the last page)*.

6 Play
Press PLAY to start or stop the transport.

Hold SHIFT and press PLAY to restart.

7 Record
Press RECORD to toggle recording in the Arranger or overdubbing in the Launcher, depending on the Focus setting *(see the last page)*.

Hold SHIFT and press RECORD to toggle overdub in the Arranger.

8 Stop
Press STOP to stop the transport.

Press STOP again to return the playhead to zero.

9 Track and Launcher Navigation
Push left/right or up/down to select either tracks or Launcher slots, depending on whether the Launcher or Arranger is currently focussed.

On empty Launcher slots, push down the 4D Encoder to record a new clip. Push down again to stop recording and play back the clip.

On selected clips or scenes, push down the 4D Encoder to play back the clip(s). Push again to restart.

Plug-in Mode

Plug-in Mode lets you control parameters of Bitwig Studio devices and (VST or CLAP) plug-ins.

1 Activate Plug-in Mode
Press PLUG-IN to activate Plug-in Mode.

2 Playhead Control and Zooming
Turn the 4D Encoder to move the playhead in the Arranger.

Hold SHIFT and turn the 4D Encoder to zoom horizontally in the Arranger.

3 Device Navigation
Press a button to select a device in the chain of the currently selected track.

If a chain has more than eight devices you can navigate the device chain with buttons 1 and 2.

If the *"with Track/Project"* option is activated *(see the last page)*, the first two device slots will be assigned to project and track remotes. Empty track or project remotes will not appear in the navigation menu, regardless of the setting.

4 Remote Controls/Plug-in Parameters
The 8 encoders control the remote controls of the currently selected device, track, or project remotes.

If a plug-in is selected for which no remote control pages have yet been created, the parameters of the plug-in will be mapped to the encoders.

5 Previous/Next Remote Controls or Parameter Page
Press < or > to select the previous or next remote controls page (or plug-in parameter page) of the currently selected device (if there is more than one page).

The name of the remote controls page will be shown on the left, the number on the right side of the display, above the encoder labels.

6 Previous/Next Preset
Press PREVIOUS or NEXT to open the browser and load the previous or next preset of the currently selected device or plug-in.*

In the browser you can also turn the 4D Encoder to browse the presets, hold SHIFT and turn it to jump in groups of 10. Press the 4D Encoder to confirm and close the browser.

Hold SHIFT and press the 4D Encoder to cancel and return to the previously loaded preset.

The name of the track and the preset will be shown on the upper left side of the display, below the button labels.

The presets shown here reflect the content shown in the browser in Bitwig Studio. Please read chapter 4.3.2 of the Bitwig Studio user guide to learn more about context customization options of the browser.

DAW Mixer Mode

DAW Mixer Mode lets you control the mixer of Bitwig Studio in groups of eight tracks.

1 Activate DAW Mixer Mode
Press DAW to activate DAW Mixer Mode.

2 Track Volume
Turn the 4D Encoder to change the volume of the currently selected track.

3 Mute/Solo
Press the buttons to mute tracks.

Hold SHIFT and press the buttons to solo tracks.

4 Volume/Pan
Turn the encoders to adjust the volume (default) or the pan position of the tracks .

Hold SHIFT and move the 4D Encoder up or down to toggle the encoders between volume or pan position.

5 Track Bank
Press < or > to select the previous or next bank of eight tracks.

Setup and Options

Setup
Please make sure you have updated your Kontrol S Mk3 to **firmware version 2.0 or later**.

The S49, S61 or S88 Mk3 should be detected and set up automatically when they are connected. If you add a controller manually, make sure the MIDI ports are selected in the correct order. In the following example the S49 Mk3 is shown:

Mac:
In 1:   KONTROL S49 MK3 DAW
In 2:   KONTROL S49 MK3 Main
Out 1:   KONTROL S49 MK3 DAW
Out 2:   KONTROL S49 MK3 Main

Windows:
In 1:   MIDIIN2 (KONTROL S49 MK3)
In 2:   KONTROL S49 MK3
Out 1:   MIDIOUT2 (KONTROL S49 MK3)
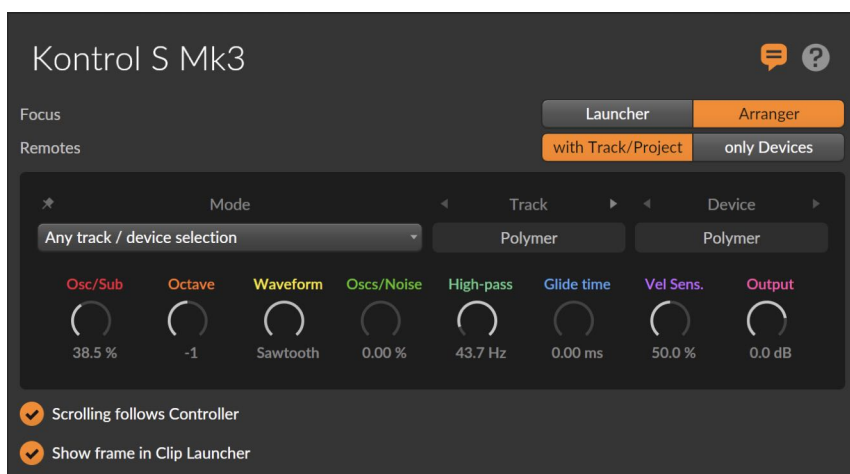Out 2:   KONTROL S49 MK3

Linux:
In 1:   KONTROL S49 MK3 KONTROL S49 MK3 #2
In 2:   KONTROL S49 MK3 KONTROL S49 MK3
Out 1:   KONTROL S49 MK3 KONTROL S49 MK3 #2
Out 2:   KONTROL S49 MK3 KONTROL S49 MK3

Important: To be able to use NI Komplete Kontrol software please go to Dashboard > Settings > Plug-ins and set the Plug-in Hosting Mode to *By manufacturer* (recommended), *Together*, or *Within Bitwig*.

Controller Status Window
When the Kontrols S 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.

In the upper third of the window you find two options:

- You can change the **Focus** to either the Launcher or the Arranger. This will affect the QUANTIZE, AUTO, and RECORD button.
- You can toggle the visibility of the **Track and Project Remotes** in the device chain.

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.