

BITWIG STUDIO CONTROLLER EXTENSION

Native Instruments **Kontrol S-Series Mk3**



Beta Note

The integration of Kontrol S-Series Mk3 (for DAW Control v4) in Bitwig Studio is currently in Beta phase. Please send all feedback regarding the integration to support@bitwig.com

The Kontrol S-Series Mk3 extension works with **Bitwig Studio 5.3.12** or later. Please go to bitwig.com/download and download the latest installer.

Please make sure you have updated your Kontrol S Mk3 to the **latest Beta firmware**.

Installing the .bwextension file

Before you can use your Kontrol S Mk3 with the new DAW Control v4 firmware in Bitwig Studio, you need to install the beta extension file on your computer:

- Download the file *Kontrol_S_beta.bwextension*
- Drag and drop the file onto the openend Bitwig Studio application window. Bitwig Studio will automatically copy the file to the correct location.
- Restart Bitwig Studio

Alternatively you can copy the file manually to the correct location. This is different depending on which operating system you have:

- **macOS:** Documents/Bitwig Studio/Extensions
- **Windows:** %USERPROFILE%\Documents\Bitwig Studio\Extensions

In case the Extensions folder does not exist, you have to create that folder.

Setup in Bitwig Studio

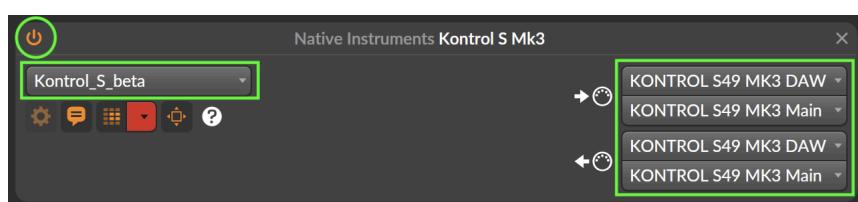
Your Kontrol S Mk3 keyboard should be detected and set up automatically when it is connected.

If you need to add the controller manually:

- Open the Dashboard and navigate to Settings > Controllers
- Click on Add Controller on the bottom of the window
- Select Native Instruments in the Hardware Vendor drop-down menu
- Select Komplete Kontrol S Mk3 in the product list on the right
- Select the MIDI Input and Output Ports in the correct order (see screenshot below)

Important: Since Bitwig Studio already supports Kontrol S Mk3 you will see a drop-down menu with two entries. Please make sure that **Kontrol_S_Beta** is selected. If you select a different entry you will see an error message ('controller in use') which you can ignore. Just activate the extension again.

When everything is set up correctly the controller entry in the Dashboard should look like this:



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*.



Transport and Navigation

This document gives you a brief overview of the functions of the Kontrol S-Series Mk3 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 the currently selected clip(s) or note(s).

3 Loop

Press LOOP to toggle loop mode.

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 Launcher or Arranger (see options).

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 assignment in the controller status window (*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 playhead to zero.

9 Navigation and Zooming

Push left/right or up/down to select either tracks or Launcher slots, depending if the Launcher or Arranger is currently focussed.

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

On selected clips, push down the 4D Encoder to play back the clip. Push again to restart.

Turn the 4D Encoder to move the playhead in the Arranger.

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



Plug-in Mode

Plug-in Mode lets you control parameters of Bitwig Studio devices or VST plug-ins with the encoders.

1 Activate Plug-in Mode

Press PLUG-IN to activate Plug-in Mode.

2 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 in the controller status window (*see the last page*), the first two device slots will be assigned to project and track remotes.

3 Remote Controls/Plug-in Parameters

The 8 encoders control the remote controls of the currently selected device, track, or project remotes.

If a VST plug-in is selected for which no remote control pages have been created yet, the first 128 parameters of the VST Plug-in will be mapped to the encoders.

4 Previous/Next Remote Controls or Parameter Page

Press < or > to select the previous or next remote controls page (or VST plug-in parameter page) of the currently selected device (if there is more than one page).

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

5 Previous/Next Preset

Press PREVIOUS or NEXT to load the previous or next preset of the currently selected device or plug-in.

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



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 Mute/Solo

Press the buttons to mute tracks.

Hold SHIFT and press the buttons to solo tracks.

3 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.

4 Track Bank

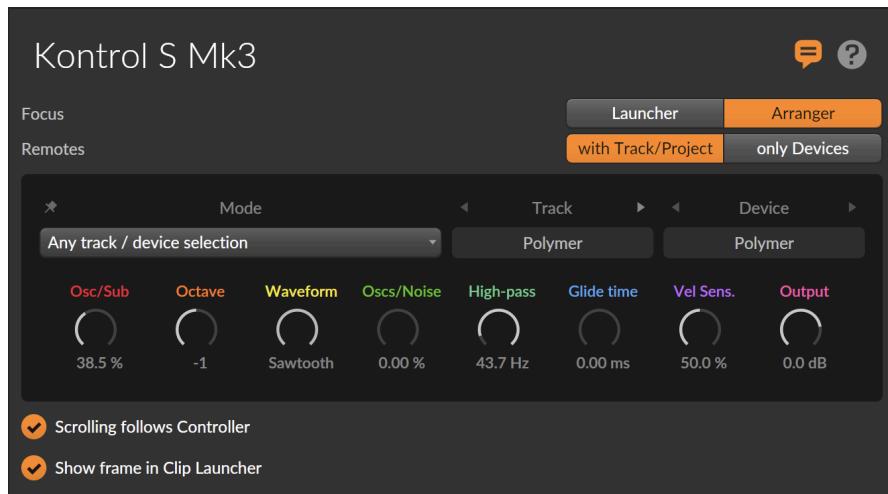
Press < or > to select the previous or next bank of eight tracks.



Options

Controller Status Window

When the Kontrol 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 **Record Button Assignment** to control recording either in the Launcher or the Arranger.
- You can toggle the visibility of the **Project and Track 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.