

BITWIG STUDIO CONTROLLER EXTENSION

NOVATION
Launch Control 3



Setup

This document gives you a brief overview of the functions of the Launch Control 3 with Bitwig Studio. For an in-depth explanation of all controller functions, please read the Launch Control 3 user guide provided by Novation.

Launch Control XL Mk3 works with **Bitwig Studio 5.3.12** or later. Please go to bitwig.com/download and download the appropriate installer.

Installing the .bwextension file

Before you can use your Launch Control 3 in Bitwig Studio, you need to install the extension file on your computer:

- Download the file *LC3.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
- **Linux:** ~/Bitwig Studio/Extensions

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

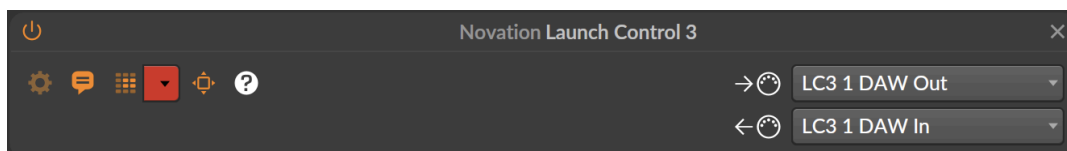
Setup in Bitwig Studio

When *LC3.bwextension* is installed correctly, Launch Control 3 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 Novation in the Hardware Vendor drop-down menu
- Select Launch Control 3 in the product list on the right
- Select Launch Control's DAW MIDI Input and Output Ports

When everything is set up correctly the controller entry in the Dashboard should look like this (Mac version shown):



On Windows and Ubuntu Linux the MIDI ports have different names:

Windows:

In: MIDIIN2 (LC3 1 MIDI)
Out: MIDIOUT2 (LC3 1 MIDI)

Linux:

In: LC3 1 LC3 1 DAW Out
Out: LC3 1 LC3 1 DAW In



All Modes

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1 Select Tracks

Press < or > to select the previous or next track.

Hold SHIFT and press < or > to select the previous or next bank of eight tracks.

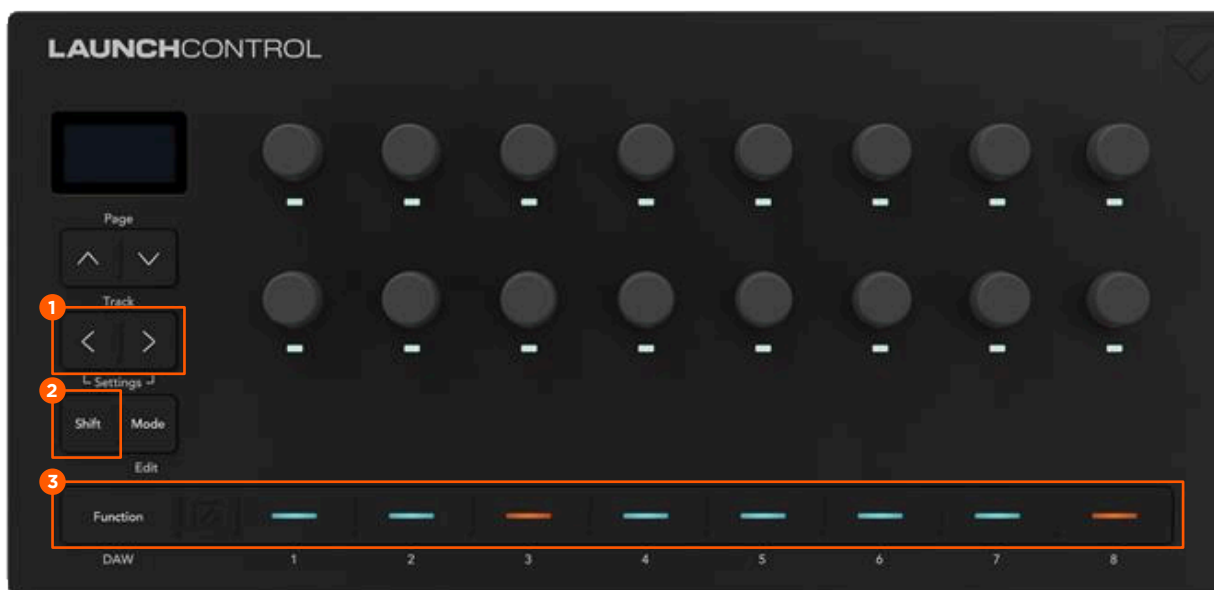
2 Preview Encoder Parameters

Hold SHIFT and turn an encoder to see its currently assigned parameter and value on the display without changing it.

3 Track Controls

Press FUNCTION to toggle buttons 1-8 between four different assignments:

- **Track Select** (white)
- **Mute** (orange)
- **Solo** (yellow)
- **Arm** (red)



DAW Mixer Mode

1 Toggle Encoder Mode

Hold MODE and press FUNCTION to switch the encoder mode to DAW Mixer. The display will show the currently active encoder mode.

2 Select Encoder Assignment

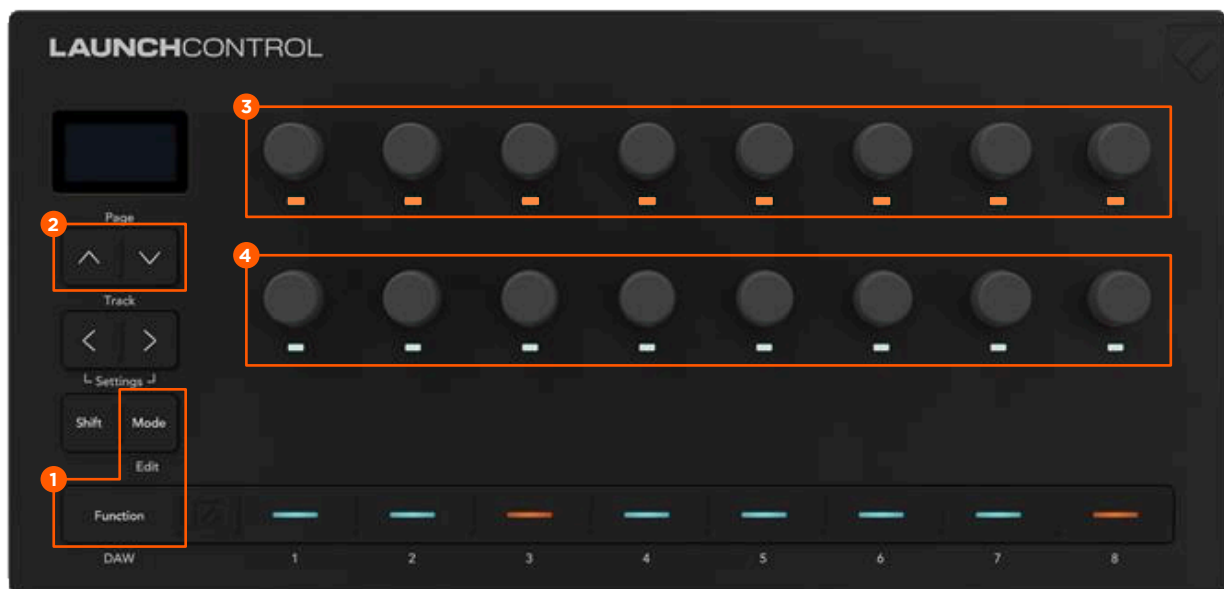
Press PAGE UP or DOWN to toggle the first row of the encoders between Pan and Sends 1, 2, 3, etc.

3 Pan / Sends

Depending on the encoder assignment, the 8 encoders in the top row control either the Pan Position or Send levels.

4 Volume

The 8 encoders in the bottom row control the track volume.



DAW Control Mode

1 Toggle Encoder Mode

Hold MODE and press FUNCTION to switch the encoder mode to DAW Control. The display will show the currently active encoder mode.

2 Select Parameter Page/Select Device

Press PAGE UP or DOWN to select the previous or next remote controls page (if there is more than one page).

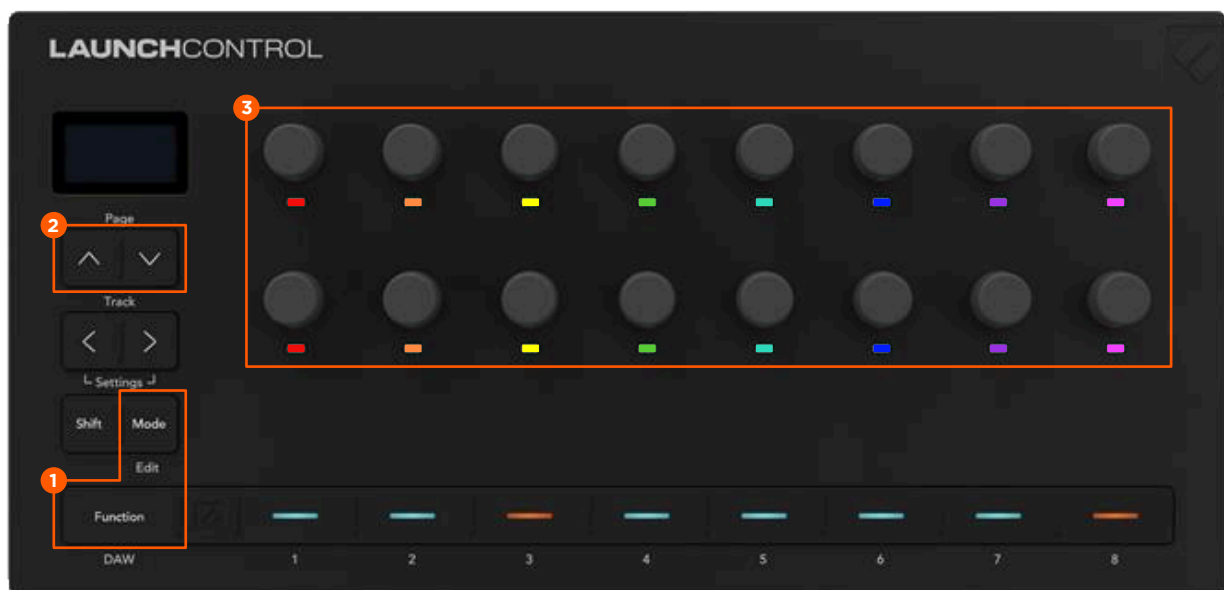
Hold SHIFT and press PAGE UP or DOWN to select the previous or next device.

3 Remote Controls

The 16 encoders control the remote controls of the currently selected device, track, or project remotes.

Row 1 controls the remote controls of the currently selected remote controls page.

Row 2 controls the remote controls of the following remote controls page (if there is more than one page).



Transport Control Mode

1 Toggle Transport Control Mode

Hold the NOVATION button to temporarily switch to Transport Control Mode.

Encoder row 2 and the buttons can now be used to control the transport of Bitwig Studio.

2 Transport Controls (Buttons)

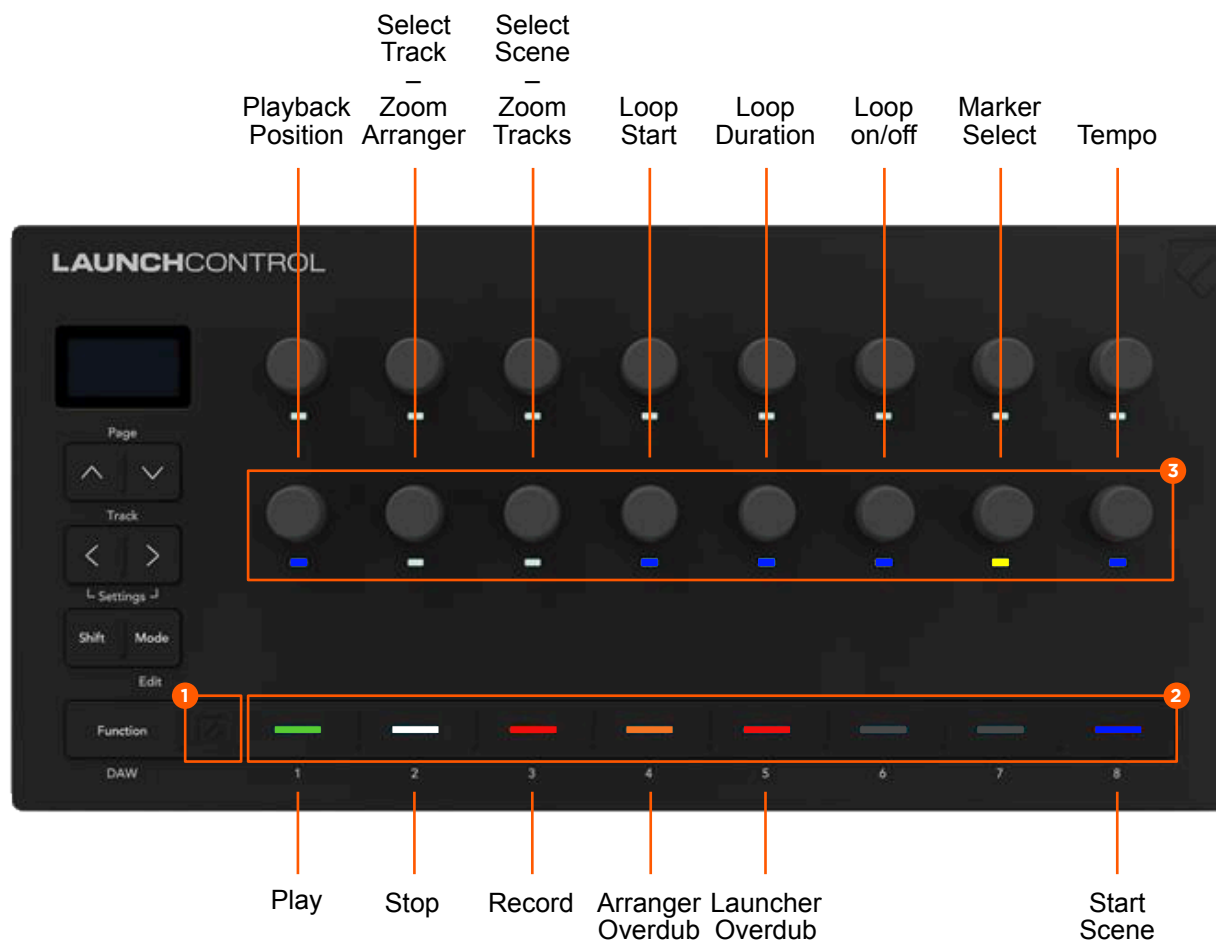
Six of the 8 encoders in the bottom row control various transport functions:

1. Start the transport
2. Stop the transport
3. Start or stop recording in the Arranger
4. Toggle Overdub in the Arranger
5. Toggle Overdub in the Clip Launcher
6. ---
7. ---
8. Start the currently selected scene

3 Transport Controls (Encoders)

The 8 encoders in the bottom row control various transport functions:

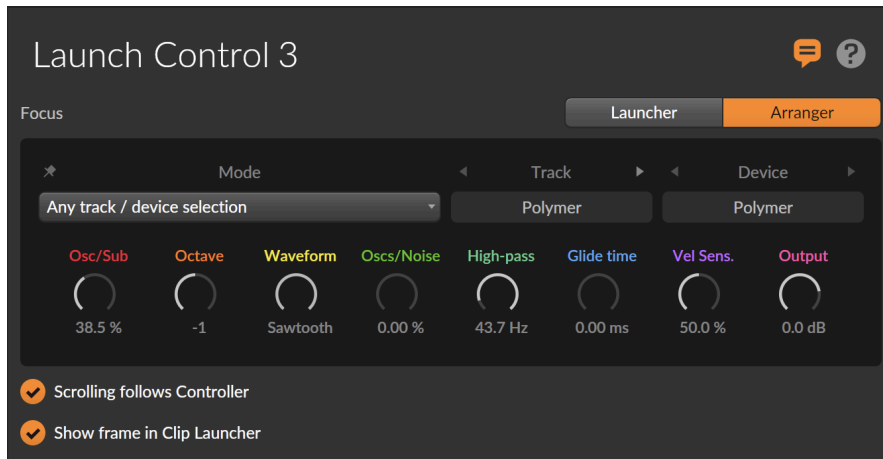
1. Move the playback marker to a different position
2. Zoom in and out the timeline horizontally (Arranger)
Select the previous/next track (Mixer/Clip Launcher)
3. Zoom the track height of the currently selected track (Arranger)
Select previous/next scene (Clip Launcher)
4. Move the loop start
5. Adjust the loop duration
6. Toggle Loop on/off
7. Select previous/next cue marker
8. Adjust the project tempo



Options

Controller Status Window

When the Launch Control 3 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 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.