

BITWIG STUDIO CONTROLLER EXTENSION

SOLID STATE LOGIC

UF8/UF1



All Modes

This document gives you a brief overview of the functions of the SSL UF8/UF1 with Bitwig Studio. For an in-depth explanation of all controller functions, plug-ins, and the SSL 360° application please read the UF8/UF1 user guide provided by SSL.

1 Track Controls

The eight faders control the track volume or other parameters when the Flip button is engaged.

Press SOLO to solo a track, press CUT to mute a track.

Press SEL to select or record enable a track, depending on the Selection Mode.

2 Soft Keys

Press the soft key above a fader to execute the assigned command, displayed in the OLED below.

Press V-POT or SOFT KEY 1-5 to select a bank of eight soft keys.

In this document only the factory settings are described. However, all soft keys and most other buttons are fully user assignable.

Assignable Commands

For the following DAW commands additional parameters are available in a sub menu. Press and hold the soft key assigned to a command to access these parameters. To change their value turn or press the encoder.

Loop (Loop Start and Length)

Metronome (Pre-Roll, Volume and Ticks)

Tempo (BPM and Tap Tempo)

Cue Marker (Cue Marker 1-8)

Groove (Shuffle Rate, Amount, Accent Rate, Amount, Phase and Fill)

Zoom (Arranger, Detail Editor, Track Height (All), Track Height (Selected Track), Toggle Clip

Launcher, Toggle FX Tracks, Toggle Arranger)

Insert SSL Plug-in (Various SSL Plug-ins)



All Modes

1 DAW Layer

Select the DAW layer you assigned to Bitwig Studio.

2 Quick Keys

Quick access to the following key commands:

- Toggle Arranger/Mix panel layout
- Toggle Global View (show/hide effect tracks)
- Insert SSL Plug-in

3 SSL 360°

Press 360° to open/close the SSL 360° application on your computer.

4 Flip

Press FLIP to swap the assignment of the faders and V-Pots.

5 Automation

Press READ to write automation data in the arranger.

Press LATCH, TOUCH, or WRITE to toggle between these automation modes.

Press OFF to restore automation data (if you have manually overwritten automation parameters).

6 Fine/Shift

Hold FINE/SHIFT and press the SEL key of a group track to show/hide a group.

7 Select Key Assignment

Press NORM to assign the SEL keys to selecting tracks (default).

Press REC to assign the SEL keys to record enabling tracks.

8 Track Select/Navigation/Focus Mode

Turn the encoder to select a track.

Press NAV to assign the encoder to playhead navigation.

Hold FINE/SHIFT while turning the encoder to move the playhead in smaller increments.

Press FOCUS to assign the encoder to Focus Mode.

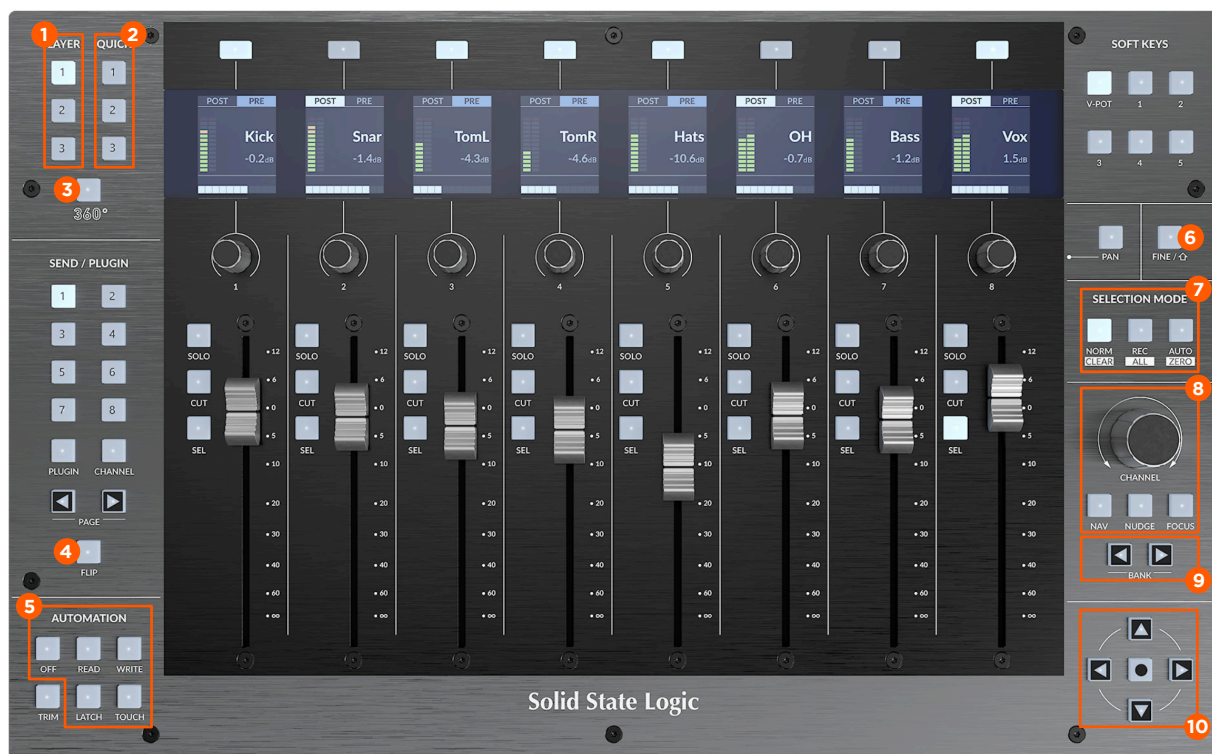
9 Bank Select

Press BANK < or BANK > to shift the currently controlled tracks in banks of eight.

10 Track Select/Zoom

Press DOWN or RIGHT to select the next track, press UP or LEFT to select the previous track. This may vary, depending on the currently selected mode.

Press the ZOOM button in the center to toggle the zoom function of the cursor keys.



Pan Mode

1 Pan Mode

Press soft key 1 on the V-Pot layer to enter Pan Mode.

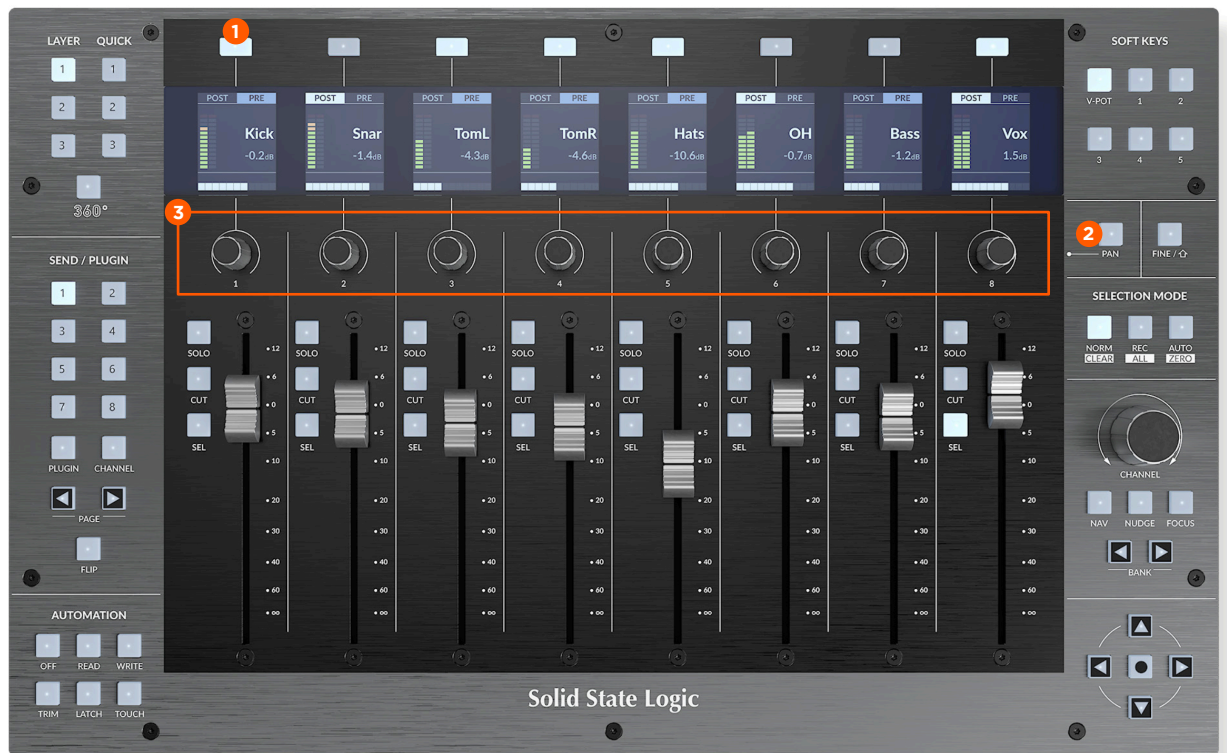
2 Pan Mode

Alternatively you can press the dedicated PAN button to enter Pan Mode.

3 Pan Position

Use the V-Pots to control the pan position of the eight currently focussed tracks.

Press a V-Pot to center the pan position.



Send Mode

1 Send Mode

Press soft key 2 on the V-Pot layer to enter Send Mode.

Press and hold soft key 2 and press a V-Pot to toggle a send between Auto, Pre, or Post.

2 Send Levels

Use the V-Pots to control either the same send of the eight currently focussed tracks or all sends of one single track (when Channel View is activated).

3 Channel View

Press CHANNEL to toggle Channel View.

4 Send Select

Press button 1-8 to directly select the send you want to control with the V-Pots (when Channel View is deactivated).

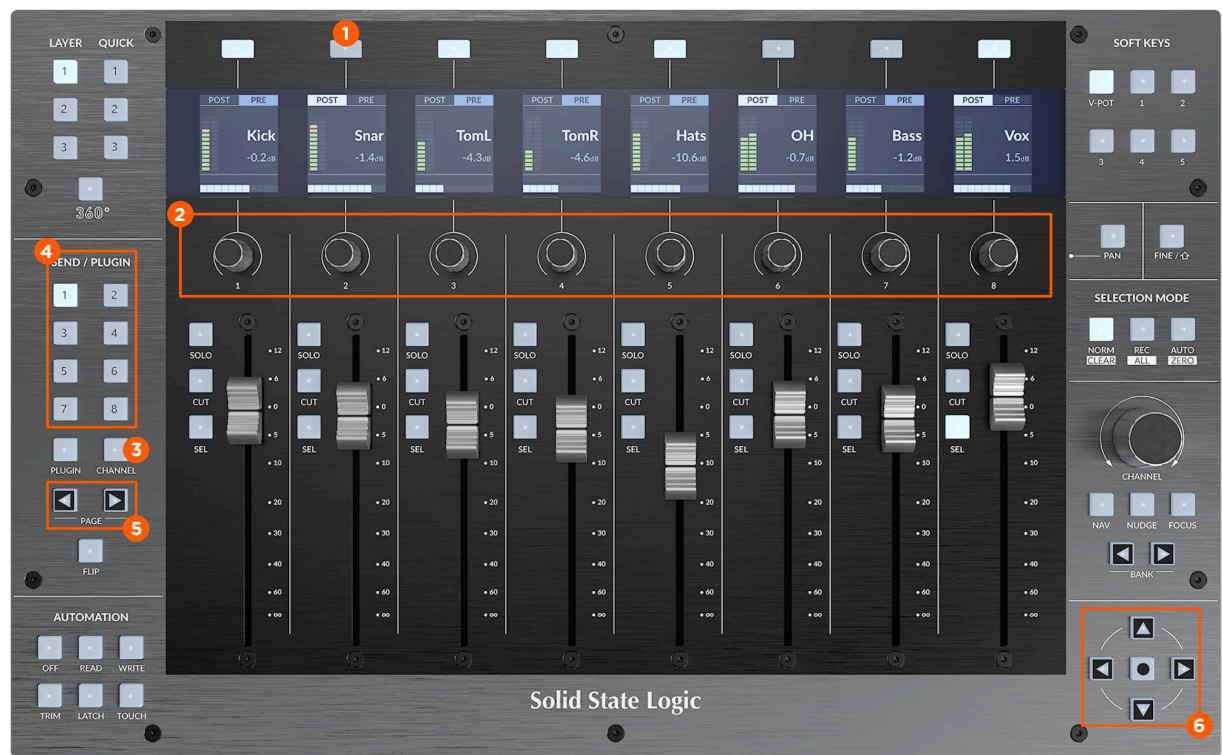
5 Send Select

Press PAGE < or PAGE > to select the previous or next send (when Channel View is deactivated).

6 Track/Send Select

Press UP or DOWN to select the previous or next send (when Channel View is deactivated).

Press LEFT or RIGHT to select the previous or next track.



Plug-in Mode

1 Plug-in Mode

Press soft key 3 on the V-Pot layer to enter Plug-in Mode.

Press and hold soft key 3 to open the plug-in sub menu. Press the V-Pots to bypass, pin or remove a device, to move a device within a chain, or to open the expanded device view.

2 Plug-in Mode

Alternatively you can press the dedicated PLUGIN button to enter Plug-in Mode.

3 Plug-in Parameters

Use the V-Pots to control eight plug-in parameters of the currently selected plug-in and remote controls page.

4 Plug-in Select

Press button 1-8 to directly select the plug-in you want to control with the V-Pots.

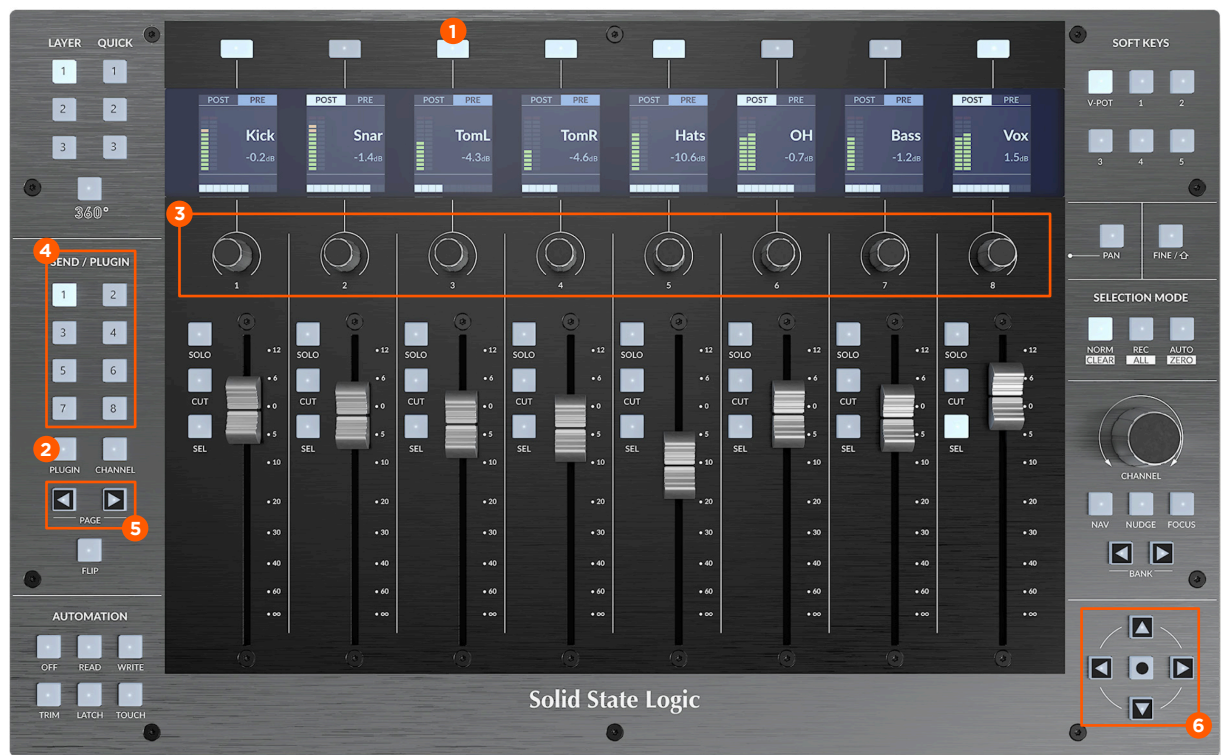
5 Remote Controls Page

Press PAGE < or PAGE > to select the previous or next remote controls page of a plug-in.

6 Plug-in/Remote Controls Page Select

Press LEFT or RIGHT to select the previous or next plug-in of a track.

Press UP or DOWN to select the previous or next remote controls page of the currently selected plug-in.



EQ+ Mode

1 EQ+ Mode

Press soft key 4 on the V-Pot layer to enter EQ+ Mode.

Press soft key 4 again to add EQ+ on a track which does not contain an EQ+ device.

2 EQ+ Parameters

Use the V-Pots to control eight plug-in parameters of the currently selected parameter page.

3 EQ+ Page Select

Press button 1-5 to directly select the EQ+ parameters you want to control with the V-Pots.

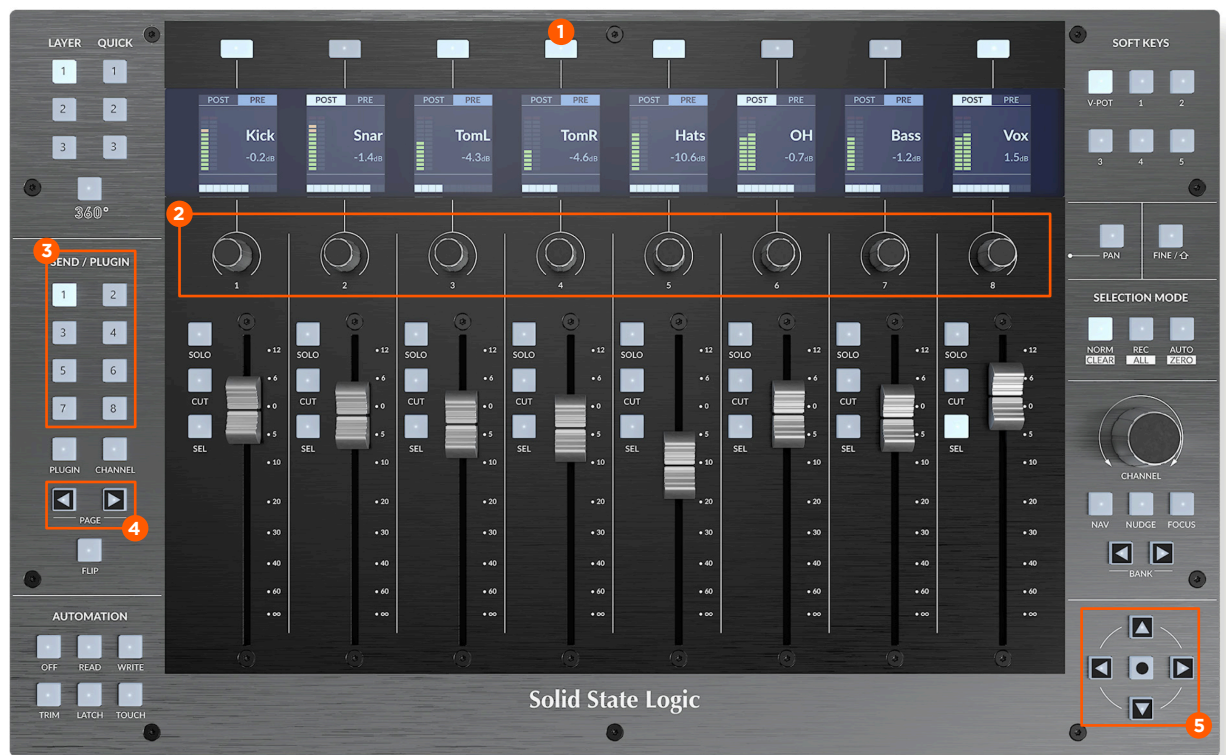
4 EQ+ Page Select

Press PAGE < or PAGE > to select the previous or next EQ+ parameter page.

5 EQ+ Page/Track Select

Press UP or DOWN to select the previous or next EQ+ parameter page.

Press LEFT or RIGHT to select the previous or next track.



Track/Project Remotes Mode

1 Track/Project Remotes Mode

Press soft key 5 or 6 on the V-Pot layer to enter Track or Project Remotes Mode.

2 Track/Project Remotes Parameter

Use the V-Pots to control eight parameters of the currently selected Track or Project remote controls page.

3 Track/Project Remotes Page

Press button 1-8 to directly select a Track/Project remote controls page.

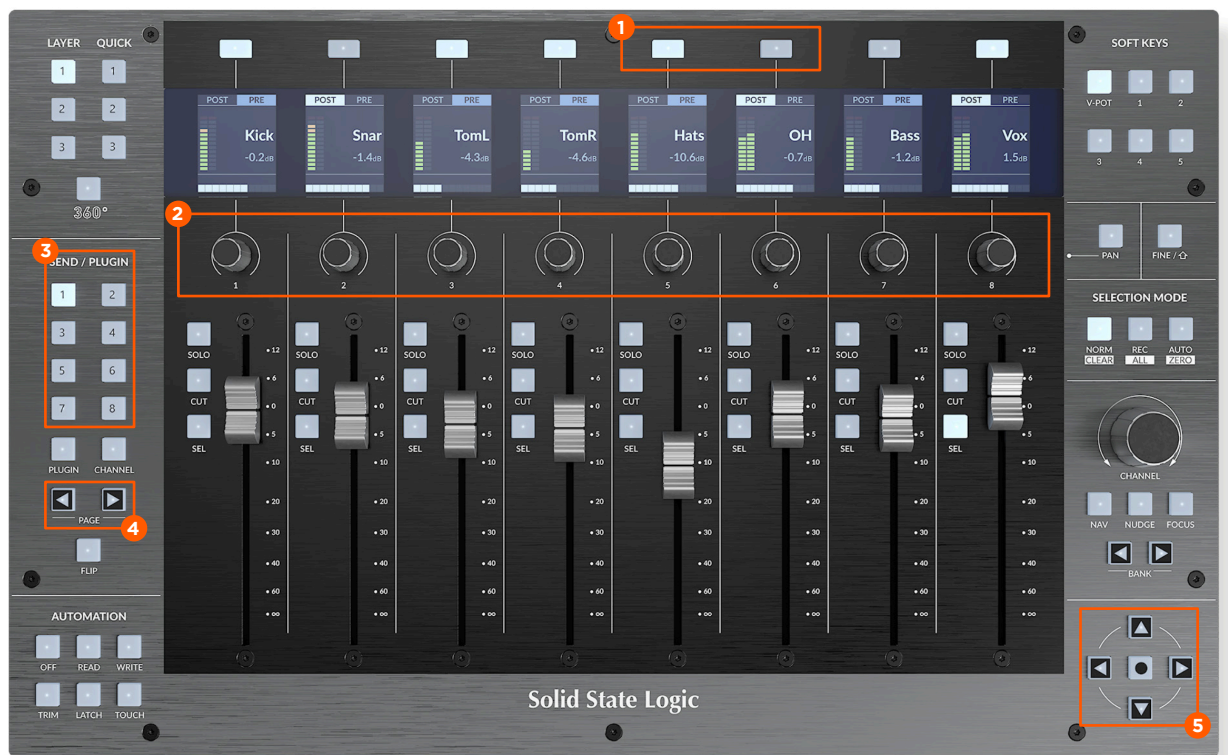
4 Track/Project Remotes Page

Press PAGE < or PAGE > to select the previous or next Track/Project remote controls page.

5 Track/Project Remotes Page/Track Select

Press UP or DOWN to select the previous or next Track/Project remote controls page.

Press LEFT or RIGHT to select the previous or next track.



Clip Launcher Mode

1 Clip Launcher Mode

Press soft key 7 on the V-Pot layer to enter Clip Launcher Mode.

2 Move Clip Launcher Area

Turn the encoder to move the focussed area left or right.

3 Move Clip Launcher Area/Track Select

Press UP or DOWN to move the focussed area up or down.

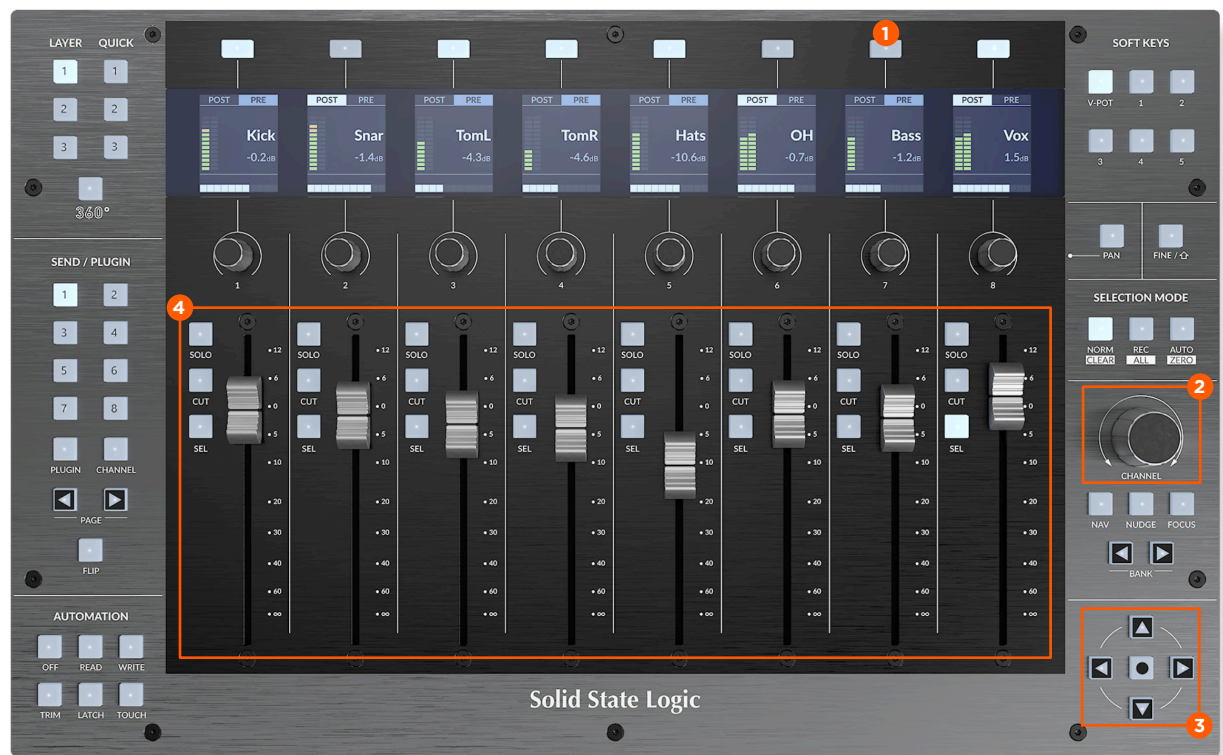
Press LEFT or RIGHT to select the previous or next track.

4 Clip Control

The SOLO and CUT buttons form a 2x8 clip matrix, indicated by a colored frame in the Clip Launcher. Press a button to trigger a clip.

The button LEDs show the current status of the clips:

- Unlit: Empty slot
- Lit: Clip is stopped
- Blinking (slow): Clip is playing
- Blinking (fast): Clip will be played next



UF1

The UF1 uses the same commands as the UF8. Please read the previous pages to learn more about the various modes and functions. Please also consult the UF1 user guide provided by SSL.

1 Pan Mode

2 Pan Control

3 Volume Control

4 Track Controls

5 Flip

6 Master

Press MASTER to assign the Track Controls to the master channel.

7 Soft Keys

8 V-Pots

9 Track Select

10 Mode

Press MODE to toggle between controlling Bitwig Studio and the SSL 360° Plug-in Mixer.

11 V-Pot Select

Press 5-8 to toggle the V-Pots between 1-4 and 5-8.

12 Soft Key Bank

Press < or > to select the previous or next soft key bank.

13 Bank Select

14 SSL 360°

15 Select/Zoom

16 Jog Wheel

17 Secondary Transport Keys/Automation

The following commands are available (Automation functions in brackets):

- Previous Marker (Restore Automation Data)
- Next Marker (Write Automation Data)
- Loop (Automation Mode: Write)
- Metronome
- Channel View (Automation Mode: Latch)
- Shift (Automation Mode: Touch)

18 Sec. Transport/Automation Toggle

Press SHIFT to toggle between Secondary Transport Keys and Automation functions.

19 Transport Controls



Setup

Installation

1. Please make sure the SSL 360° application is properly installed and the UF8/UF1 is powered up and connected to a USB port of your computer. Select "Bitwig" in one of the three DAW layers and make sure it is the active layer.
Important: Make sure you use SSL 360° version 1.7 or higher.
2. Start Bitwig Studio, open the dashboard, and navigate to Settings > Controllers.
3. Click on "Add Controller" and select Solid State Logic > SSL UF8/UF1 in the drop-down menu.
4. Select the appropriate MIDI input and output port. This depends on the DAW layer you chose for Bitwig Studio and the number of connected controllers.

You can configure up to three different DAWs in the SSL 360° app and switch between them by pressing one of the Layer buttons on the UF8 (or holding the 360° button and pressing Soft Key 1-3 on the UF1). You can cascade up to four UF8s plus a UF1.

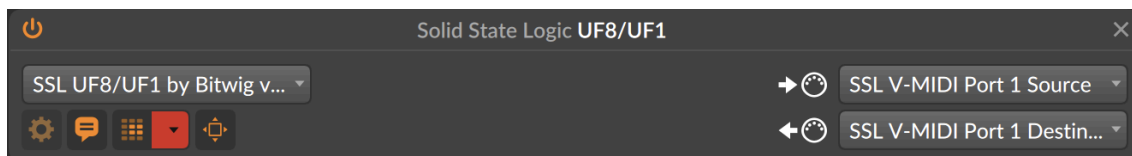
Please note: Adding a UF1 to an existing UF8 doesn't require any change in setup. It will use the same MIDI port as the first UF8.

DAW Layers and Port Numbers

	DAW Layer 1	DAW Layer 2	DAW Layer 3
UF8 #1 / UF1	Port 1	Port 5	Port 9
UF8 #2	Port 2	Port 6	Port 10
UF8 #3	Port 3	Port 7	Port 11
UF8 #4	Port 4	Port 8	Port 12

Example A

If you have a single UF8, a single UF1 or both, and Bitwig Studio is selected on DAW layer 1, choose the following inputs and outputs:



Please note: MIDI ports of DAW layer 1 are automatically detected. You only have to select the number of extenders in the drop-down menu. If you use DAW layer 2 or 3 for Bitwig Studio you have to specify the MIDI ports manually.

Example B

If you have three UF8s and Bitwig Studio is selected on DAW layer 2, choose the following inputs and outputs manually:

