Fender Studio® Pro FaderPort® 16-8 Support

Multichannel Production Controllers

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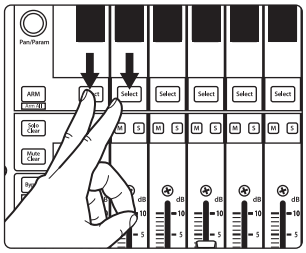
1 Fender Studio Pro

1.1 Introduction

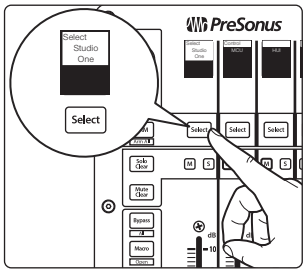
Fender Studio Pro offers native support for FaderPort 8 and FaderPort 16. This document is an overview of all remote-control functions currently supported, as well as step-by-step instructions for the hardware setup. Additional information about the FaderPort Multichannel Production Controllers can be found in the Owner's Manual, available at www.PreSonus.com and in your MyFender account.

1.2 Getting Started

By default, your FaderPort is configured for either Fender Studio Pro or Studio One. No further device setup is required.

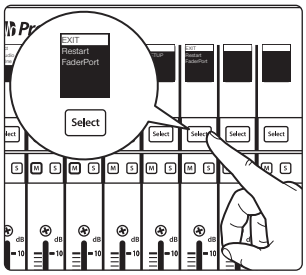


If you have changed the FaderPort's Operating Mode and would like to return to using it with Fender Studio Pro, press the first two Select buttons while powering on your unit.



Press the Select button below Studio One.

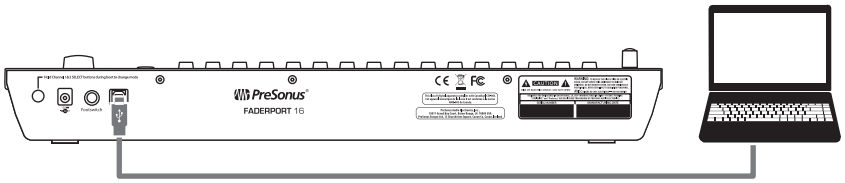
Note: *In addition to Fender Studio Pro, this operation mode can be used with Studio One or any other DAW the provides native FaderPort support. A complete list of native-support DAW applications is available at www.presonus.com.*



Once you have selected your mode, press the Select button below the "Exit" screen to reboot your FaderPort. This mode will be selected automatically every time you boot your FaderPort.

Power User Tip: *From the boot menu, you can also adjust the fader sensitivity and speed to fine tune your FaderPort to work the way you want it.*

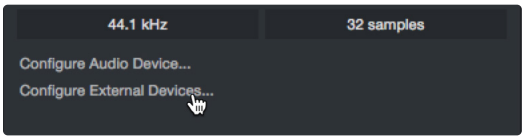
The FaderPort is a class-compliant device in both macOS® and Windows®. Simply connect your FaderPort to a free USB port on your computer. No further installation is necessary.

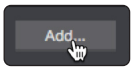


1.3 Fender Studio Pro Setup

The Faderport will automatically be added as a hardware device when Fender Studio Pro is launched. Should your FaderPort not be detected for any reason, you can manually configure it as follows:

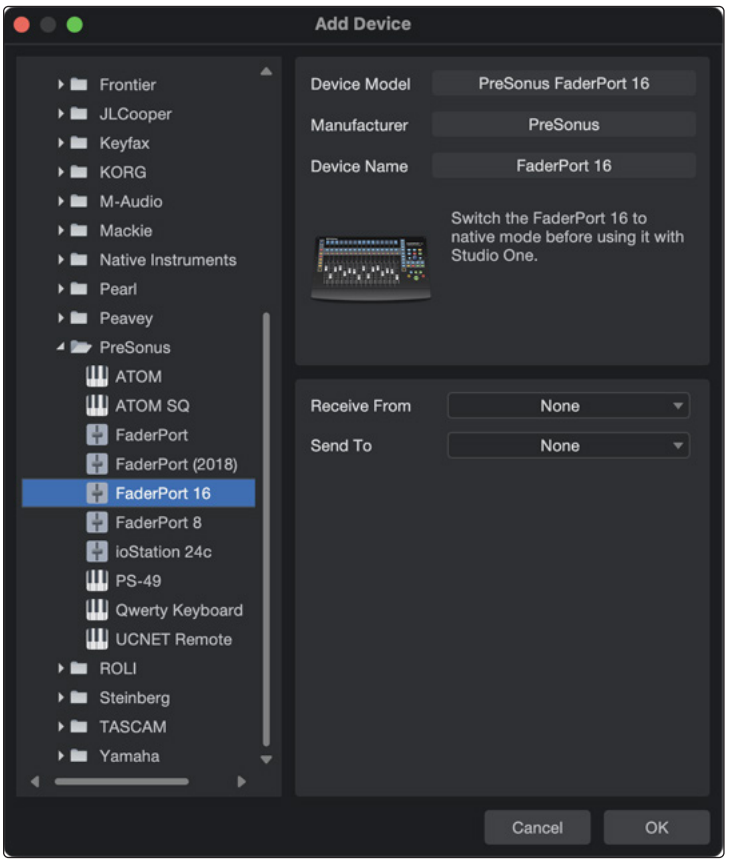
1. From the Start page, click on the Configure External Devices link.



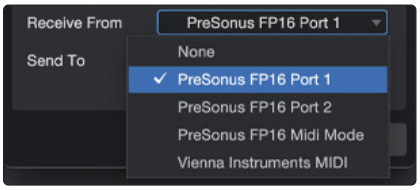


2. Click the Add button.

3. From the manufacturers list at the left, click on PreSonus, and then, select the correct FaderPort model.



4. Set the Send To and Receive From fields to "PreSonus FP16 Port 1" or "PreSonus FP8" (depending on model).

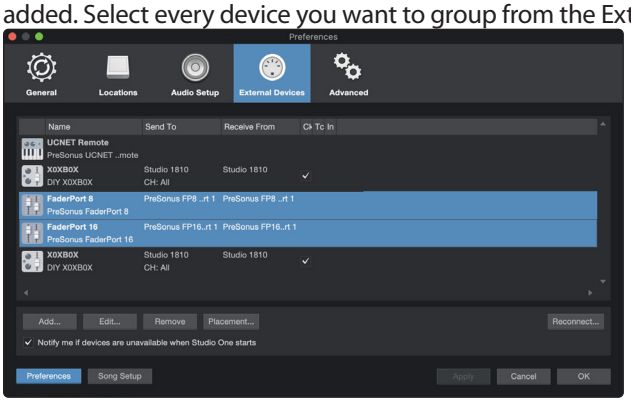


Your FaderPort is now ready for use.

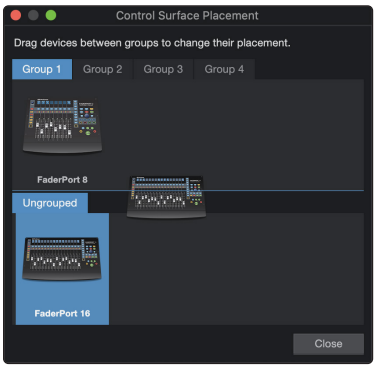
1.3.1 Grouping Faderports

Multiple FaderPort 8 and 16 units can be grouped together to increase the number of simultaneously controlled channels!

1. To create a group, first make sure all your FaderPort 8 or 16 units have been added. Select every device you want to group from the External Devices window.



2. Click Placement. You should see your FaderPorts in the Ungrouped section.

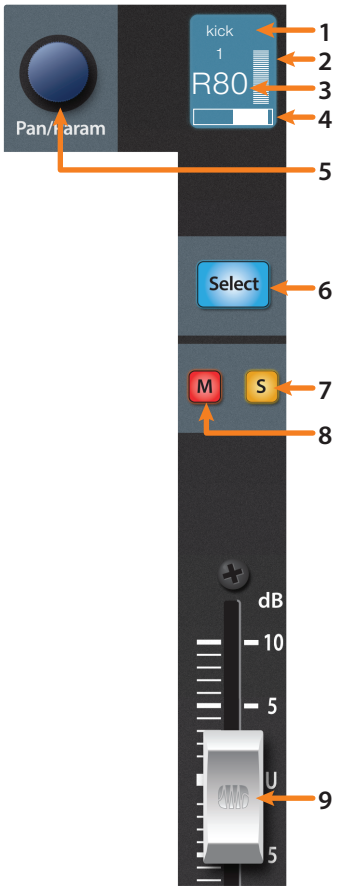


3. Click and Drag your FaderPort icons up to the Group 1 area.
4. Click and Drag the icons left or right to match the placement of the FaderPorts on your desk.
5. Click Close.

   Your FaderPorts are now grouped!

2 Basic Controls

2.1 Channel Strip



1. **Channel Name.** Displays the Channel name.
2. **Metering.** Displays the channel metering. This can be turned on or off by pressing the track button.
3. **Value.** Displays the Channel's current pan position value. While the fader is being adjusted, this value will display the current fader level.
4. **Pan Display.** Displays the Channel's current pan position.
5. **Pan/Param.** Controls panning for the currently selected channel. Push to set the pan position back to center.
6. **Select Button.** This button selects the corresponding channel in Fender Studio Pro and changes color to match the channel color codes you have chosen in your session. Holding the Shift button allows you to select multiple channels.
7. **Solo.** Isolates the corresponding channel's output signal in the mix. Press and hold to solo momentarily.
8. **Mute.** Mutes the corresponding channel's output signal. Press and hold to mute momentarily.
9. **Touch-Sensitive Fader.** This 100 mm motorized fader can be used to control volume levels, aux send levels, panning, or plug-in parameters, depending on mode.

***Power User Tip**: While in Track mode, holding the Shift button while touching and releasing a fader will reset the volume level to 0 dB.*

2.1.1 Select Button Modifiers

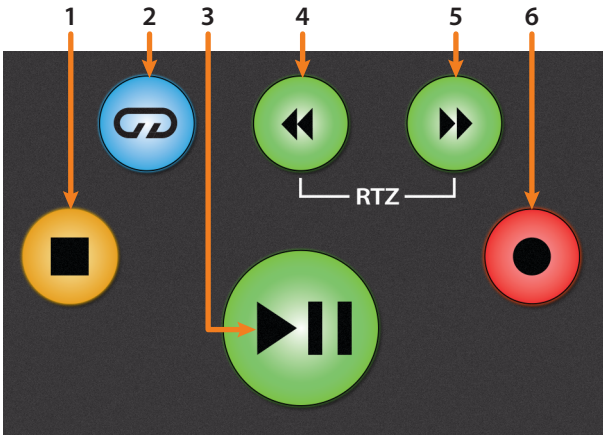
Arm. Pressing the Arm button will allow you to arm track for recording by pressing the corresponding track's Select button.

Arm All. Press Shift + Arm to arm all tracks for recording.

2.1.2 Solo and Mute Clear

Solo and Mute Clear. These buttons will clear all solos or mutes.

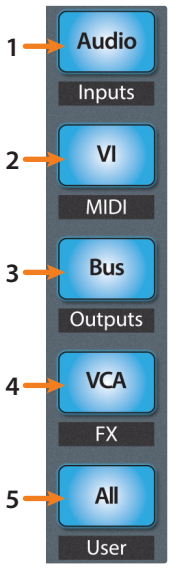
2.2 Transport Controls



1. **Stop.** Stops playback. Press twice to return playback-cursor to zero.
2. **Loop.** Engages / disengages Looping.
3. **Play / Pause.** Starts playback at the current playback-cursor position. Press again to pause playback.
4. **Rewind.** Press to rewind or hold for continuous rewind. Press the Rewind and Fast Forward buttons simultaneously to Return to Zero.
5. **Fast Forward.** Press fast forward or hold for continuous fast forward.
6. **Record.** Press to start recording at the current playback-cursor position for record-enabled tracks.

2.3 Mix Management

The Mix Management buttons allow you to filter what channel types you can view and control from your FaderPort as follows:



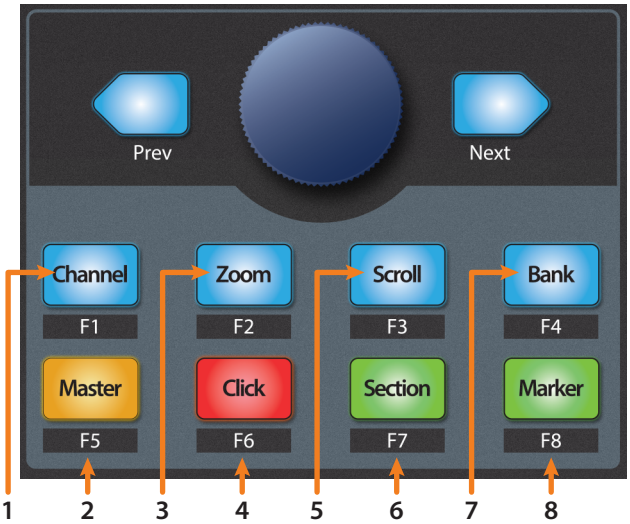
1. **Audio / Inputs.** Press to view Audio tracks only. Press Shift + Audio to view all Input channels.
2. **VI / MIDI.** Press to view Instrument tracks only. ***Note:*** *this view displays both MIDI and Virtual Instrument tracks*.
3. **Bus / Outputs.** Press to view buses only. Press Shift + Bus to view Output channels.
4. **VCA / FX.** Press to view VCAs. Press Shift + VCA to view all Effects channels.
5. **All / User.** Press to view all Fender Studio Pro mixer Channels visible on the screen. Your FaderPort's All filter will automatically sync with Channel visibility settings in Fender Studio Pro's Channel List. This means it is not necessary to use Fender Studio Pro's Remote Bank for channel visibility sync.

3 The Session Navigator

The Session Navigator provides quick navigation and session controls. Each button alters the functions of the push-button encoder and the Next and Prev buttons on either side.

Power User Tip: *Press Shift with any of these buttons to access the F1-F8 Functions. These functions are user definable.*

3.1 The Session Navigator Functions



1. **Channel.** Encoder controls individual channel scrolling. Navigation buttons adjust the currently visible fader bank on the FaderPort by one bank of eight or sixteen channels (model dependent).
2. **Master.** Encoder controls the Master level. Push the Encoder to reset the Master level to 0 dB. While in this mode, the navigation buttons will control banking.
3. **Zoom.** Encoder controls horizontal zooming. Navigation buttons control vertical zooming. Press the encoder to undo zooming in both directions.
4. **Click.** Turns the metronome on/off. The metronome can be engaged or disengaged while any mode is active.
5. **Scroll.** Encoder controls timeline scrolling. Push the encoder to fit the timeline to the window size. Use the navigation buttons to scroll through the track list.
6. **Section.** Encoder nudges the selected event. Use the navigation buttons to navigate through the events on the Arranger track.

Power User Tip: *Enable Snap to Grid for coarse nudging. Disable it for fine tuning. Snap to Grid is assigned to User 2 by default (SHIFT + Write).*

7. **Bank.** Encoder scrolls through the track list. Navigation buttons scroll through channels in banks of sixteen or eight (model dependent). Push the encoder to scroll the selected channel into view on the FaderPort.
8. **Marker.** Encoder moves the playback cursor in the Timeline. Use the navigation buttons to scroll through markers. Press Encoder to drop a marker.

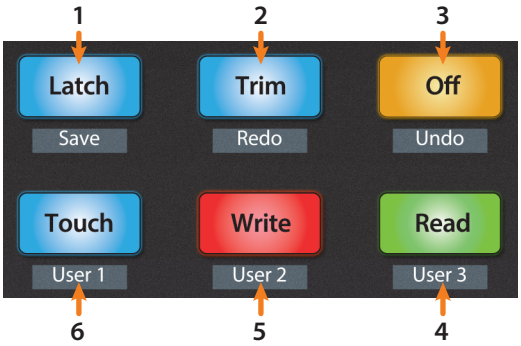
3.1.1 F1-F8 Functions

Using Shift plus any Session Navigator button will access alternate functions for your FaderPort. By default, these are assigned as follows:

- **F1.** Open Inspector
- **F2.** Open Editor
- **F3.** Open Mixer
- **F4.** Open Browser
- **F5.** Open Scratch Pad (Fender Studio Pro)
- **F6.** Open Tempo Track
- **F7.** Open Arranger Track (Fender Studio Pro)
- **F8.** Open Marker Track

Power User Tip: *The default assignments for the Function buttons can be customized using the FaderPort device editor.*

4 Automation Controls



1. **Latch / Save.** Engages Latch Automation on currently selected track or plug-in. Press the SHIFT and Latch buttons simultaneously to save your session.
2. **Trim / Redo.** At the time of publication, Trim Automation is not available in Fender Studio Pro. Press the SHIFT and Trim buttons simultaneously to redo the last action.
3. **Off / Undo.** Turns Automation off on currently selected track or plug-in. Press the SHIFT and Off buttons simultaneously to undo the last action.
4. **Read / User 3.** Engages Read Automation on currently selected track or plug-in. Press the SHIFT and Read buttons simultaneously to engage the User 3 function.
5. **Write / User 2.** Engages Write Automation on currently selected track or plug-in. Press the SHIFT and Write buttons simultaneously to engage the User 2 function.
6. **Touch / User 1.** Engages Touch Automation on currently selected track or plug-in. Press the SHIFT and Touch buttons simultaneously to engage the User 1 function.

4.1 User Functions

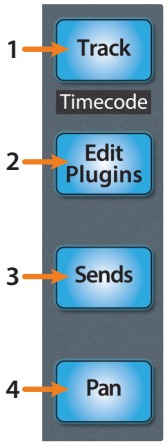
By default, the three User functions are set as follows:

- **User 1.** Show/Hide Automation
- **User 2.** Snap to Grid
- **User 3.** Autoscroll On/Off

User buttons can be reassigned from the Control Link window.

5 Fader Modes

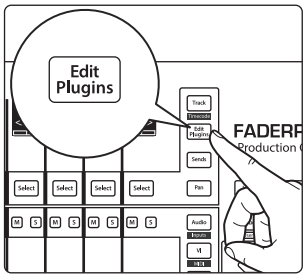
The faders on the FaderPort can be used to set levels, control plug-in parameters, set send levels, and panning for every track.



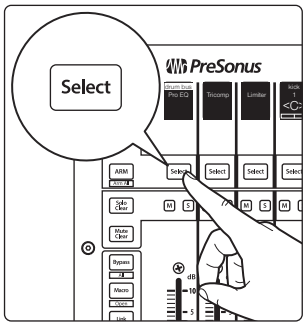
1. **Track.** When Track mode is active, the motorized faders will display and control channel levels. Pressing the Track button toggles metering on the scribble strip displays on and off. Press Shift and Track simultaneously to display Timecode on the scribble strips. While Timecode is active, the faders still control level.
2. **Edit Plug-ins.** Pushing the Edit Plug-ins button will display the inserts on the currently selected track. From here, you can select the plug-in you would like to control with the faders. Press Shift + Edit Plug-ins to toggle Autofill mode (***see Section 5.1***).
3. **Sends.** When Sends mode is active, the motorized faders will control the send levels for the selected channel. Press Shift+Sends to control Cue Mix sends (***See Section 5.3***).
4. **Pan.** Press Pan mode to use the faders to control panning. Pressing SHIFT + Pan allows you to use the faders to control input gain. Input controls for the Fender Studio Pro consoles do not have to be visible to retain control.

5.1 Edit Plug-ins

To control plug-ins in Fender Studio Pro:



1. Press the Edit Plug-ins button to view the inserts for the selected channel.



2. Press the Select button under the scribble strip displaying the name of the plug-in you'd like to edit.

3. The faders and Select buttons will control the parameters displayed in the scribble strips.

4. Press Edit Plug-ins again to exit back to Inserts view.

Autofill Mode

Your FaderPort offers an alternate mode for spilling plug-in parameters across the FaderPort faders and Select buttons. Autofill mode assigns every available parameter for the currently selected plug-in to a FaderPort control assignment across multiple fader banks, if required. To engage Autofill mode, press Shift + Edit Plugins on your FaderPort. This can also be toggled from the Control Link window in Fender Studio Pro.

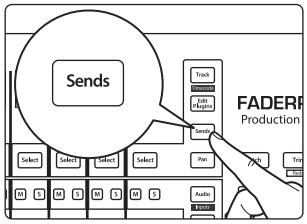
1. Use the Next and Prev buttons in the Session Navigator to page to additional parameters.
2. Press the Edit Plug-ins button again to return to the insert select view.

Bypass Options

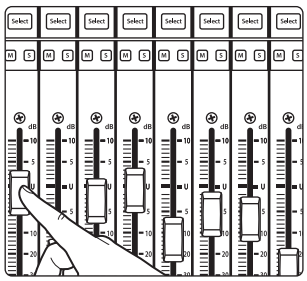
Press the bypass button to bypass every plug-in on the selected channel.

Press SHIFT + Bypass to disable every plug-in in the Session.

5.2 Sends Mode

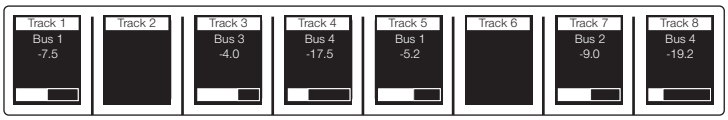


Your FaderPort provides two ways to view and control your bus and FX sends: individually and globally.

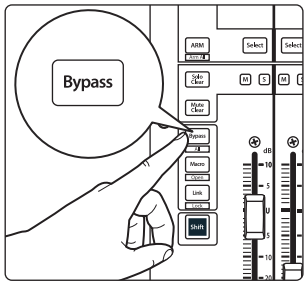


Press the Sends button once to control the send levels for all the sends on the currently selected channel.

Press the Sends button again to control the first bus send levels for all focused channels.



As you continue to press the Sends button, you can cycle through all available send slots until the last active slot has been reached. Once all the available sends have been cycled through, you will be returned to view the sends for the currently selected channel once more.

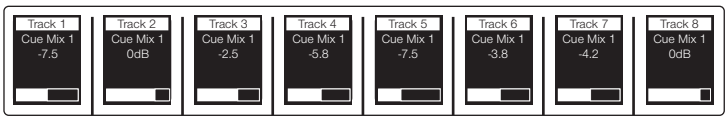


When Sends are in Focus, the Bypass button will bypass, or deactivate, the Send of the selected channels.

5.3 Cue Mix Sends Mode

Your FaderPort provides two ways to view and control your Cue Mix sends: individually and globally. Press the Shift and Sends buttons once simultaneously to control the send levels for all the sends on the currently selected channel.

Press the Shift and Sends buttons again to control the first Cue Mix send levels for all focused channels.



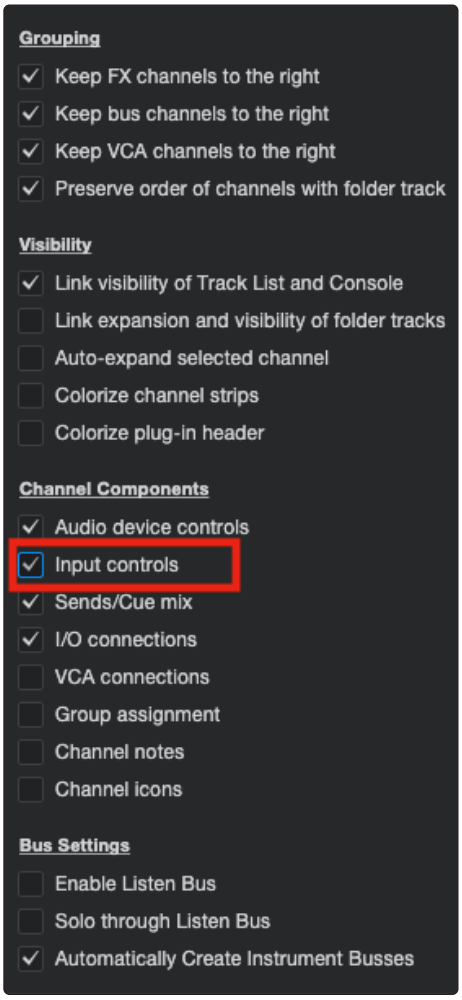
As you continue to press the Shift and Sends buttons, you can cycle through all available Cue Mix send slots until the last active slot has been reached. Once all the available sends have been cycled through, you will be returned to view the sends for the currently selected channel once more.

5.4 Input Gain Mode

Pressing the Shift and Pan buttons simultaneously will lauch Input Gain Mode. From here, you can use the faders on your FaderPort to control Input Gain for each channel in your Fender Studio Pro mix console.

As you touch each fader, the current dB level will be displayed.

Note: To view the Input Gain controls in your Fender Studio Pro Console, you must enable Input Controls from the Utility menu.



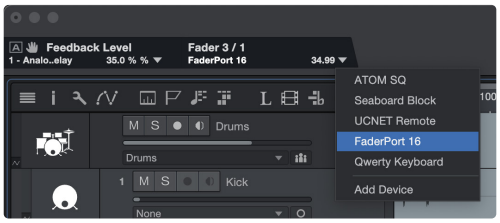
6 Advanced Fender Studio Pro Controls

6.1 Link Mode

Link. When Link is enabled, the Pan / Param encoder will control any parameter beneath your mouse. To lock a parameter to this encoder, press SHIFT + Link.

6.2 Device Editor Customization Options

Fender Studio Pro offers a Device Editor to customize your FaderPort. The Device Editor allows you to create and edit custom parameter mappings. To edit the default parameter map, click on the pull-down menu in the Control Link display to launch the FaderPort editor window.



Right-click on any FaderPort control and select "Assign Command" to customize your FaderPort.

In Control Link mode, you can customize the parameters shown in the plug-in mode for each plug-in by first selecting the parameter you want to assign and then using the Click and Drag tool in the Control Link window to drag it to your preferred fader or button in the Devices Editor:

More information about using Control Link can be found in the Fender Studio Pro User Manual.

6.3 Macro Controls (Channel Editor)

Macro. Press to display the Channel Editor macro controls for the Selected channel on your FaderPort.

Power User Tip: *The Channel Editor is a powerful feature in Fender Studio Pro that allows you to map multiple parameters to the same control, with independent range/polarity/curve controls. Additional XY vector pads can be assigned with individual parameters; and much more.*