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1. Overview

1.1 Introduction

Studio One offers native support for CC121. This document is an overview of all remote-control functions supported, as well as step-by-step instructions for the hardware setup.

1.2 Setup

Install the CC121 drivers for macOS or Windows and connect the device to the computer. Studio One will then add the CC121 automatically to the external devices list.
2. Control Assignments

2.1 Transport Section

The transport section controls are mapped as follows:

- **Record**: Start recording
- **Play**: Start playback
- **Stop**: Stop playback (press 2x: return *Time Cursor* to playback start, press 3x: return *Time Cursor* to zero)
- **Loop**: Enable / disable *Loop*
- **Previous**: Return *Time Cursor* to previous marker
- **Next**: Advance *Time Cursor* to next marker
- **Rewind**: Engage rewind
- **Fast Forward**: Engage fast forward

2.2 Channel Section

The channel section controls are mapped as follows:

- **Fader**: Control channel *Volume*
- **Pan Encoder**: Control channel *Pan*
- **Mute**: Mute channel
- **Solo**: Solo channel
- **Read**: Set automation mode to *Read*
- **Write**: Set automation mode to *Write*
- **Monitor**: Monitor channel
- **Arm**: Arm track for recording
- **Edit**: Open channel FX editor
Instrument: Open instrument editor
Previous: Select previous channel
Next: Select next channel

All controls work on the currently selected channel. To navigate channels, use the Previous and Next channel select buttons.

### 2.3 Function and AI Knob Section

The function and AI Knob section controls are mapped as follows:

- **F1..F4**: Trigger Studio One command (assign via Control Link)
- **Value**: Zoom horizontally, zoom vertically, zoom data or browse presets (change modes: see below)
- **AI Knob**: Control most recently used Studio One or plug-in parameter
- **Lock**: Fixate recent parameter currently controlled by AI Knob
- **Jog**: Set AI Knob to control Time Cursor

To change the operating mode of the Value encoder, push it down and press one of the function buttons:

- **F1**: Zoom horizontally
- **F2**: Zoom vertically
- **F3**: Zoom data
- **F4**: Browse presets

To assign user commands to the function buttons F1, F2, F3 and F4, open the CC121 external device editor in Studio One via the EQ Type button, right-click the GUI element for the respective button and select Assign from the context menu.
2.4 EQ Section

The EQ section controls are mapped as follows:

- **ON 1..4**: Control plug-in or Studio One parameter (assign via Control Link)
- **Encoder 1..12**: Control plug-in or Studio One parameter (assign via Control Link)
- **EQ Type**: Open CC121 external device editor in Studio One
- **Value**: Browse Control Link pages (press down + turn)
- **Bypass All**: Bypass insert effects for selected channel

The encoders and On buttons are freely assignable via Control Link to define custom plug-in and Studio One parameter mappings. Assignments can be made in the CC121 external device editor. To open the CC121 external device editor, press the **EQ Type** button.

To assign a parameter, first interact with it in either a plug-in or Studio One. Now, right-click the control UI element in the CC121 external device editor to which the parameter should be assigned to. In the context-menu, select Assign to perform the assignment. Alternatively, use the Studio One auto mapping feature by enabling AutoFill in the CC121 external device editor.

*Control Link* user mapping and AutoFill modes can span multiple mapping pages. To browse pages, turn the **Value** encoder while pressing it down.

For more details on parameter assignments and Control Link in general, please refer to the Studio One reference manual *Control Link* section.