



TWEAKER

SERATO SCRATCH LIVE REFERENCE GUIDE

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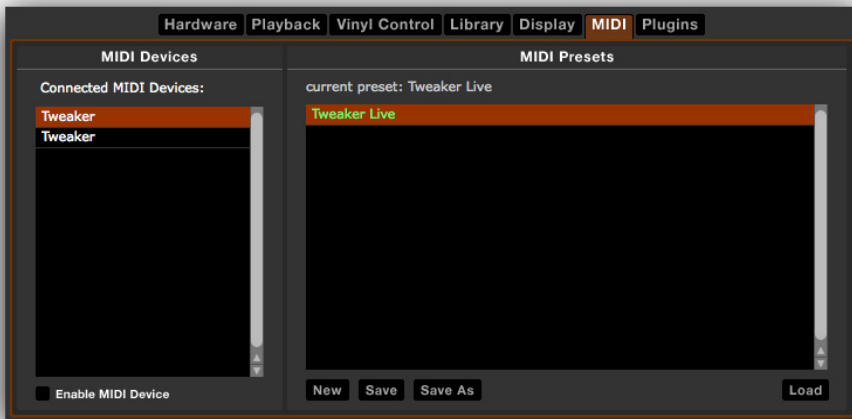
1 Getting Started

1.1 Introduction

The included mapping enables the Tweaker to control Scratch Live's advanced deck features including Cue Points, Loops, Loop Rolls, and Effects. Additionally, the Tweaker can change SSL's playback modes (Absolute, Relative, Thru, & Internal). In internal mode, the Tweaker's vertical faders become SSL's pitch faders, and also gives access to Pitch Bend, Play/Pause, Reverse, and Instant Doubles, making the Tweaker perfect for use with a single turntable if necessary.

Serato Scratch Live unfortunately does not offer MIDI output messages to controllers that are not officially supported. In order to take advantage of the Tweaker's multicolored LED's, we've included the Electrix MT Player application. The MT Player runs in the background and acts as a middleman, passing messages between SSL and the Tweaker, enabling LED feedback. The SSL mapping can still be used without running the MT Player, but the button LEDs will not light up.

1.2 Scratch Live Mapping Setup



Install the Mapping

To install the mapping, simply place the included XML file in Serato's MIDI folder (below). The

mapping will be available next time Scratch Live is launched. This is the location of the Serato folder:

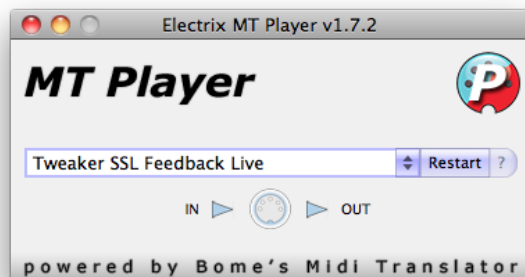
- **Mac:** /User /Music /_Serato_ /MIDI
- **PC:** /User /My Music /_Serato_ /MIDI

Load the Mapping

1. Launch Scratch Live (with Rane hardware connected),
2. Open the Setup window, and click on the MIDI tab.
3. Highlight the Tweaker mapping ("Tweaker Live") and press Load.

1.3 Using the MT Player

Once you've setup your mapping in Scratch Live, you need to setup the MT Player to light up the Tweaker's LED's.



Installing MT Player

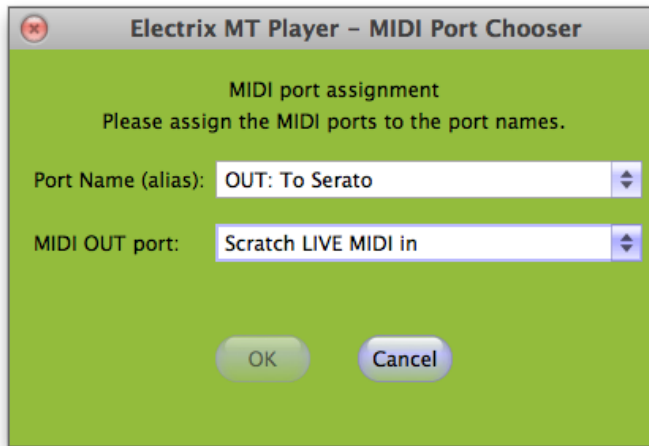
- **Mac:** Drag the Electrix MT Player icon to your Applications folder.
- **PC:** Double-click the Setup file and follow the on-screen instructions.

Using MT Player in Mac OS X

The first time you select a preset, you will be asked to select Serato's virtual MIDI port. The Scratch Live MIDI In port is only available while SSL is running. In order to insure that it will remain selected after the first use, be sure to always launch SSL before launching the Electrix MT Player.

Follow these steps to get started:

1. Launch Serato Scratch Live
2. Open the Setup menu and select the MIDI tab
3. At the bottom of the MIDI window, you will find a checkbox labeled "Enable MIDI Device"
Uncheck it. The MT Player will handle the communication between the Tweaker and SSL.
4. Launch the Electrix MT Player
5. Select a preset
6. When prompted, select Serato Scratch Live MIDI In as Serato's MIDI communication port



You are now ready to start mixing. Scratch Live enables MIDI devices by default, so you will need to repeat steps 2 and 3 every time you launch the application. Remember to always launch Scratch Live before the MT Player.

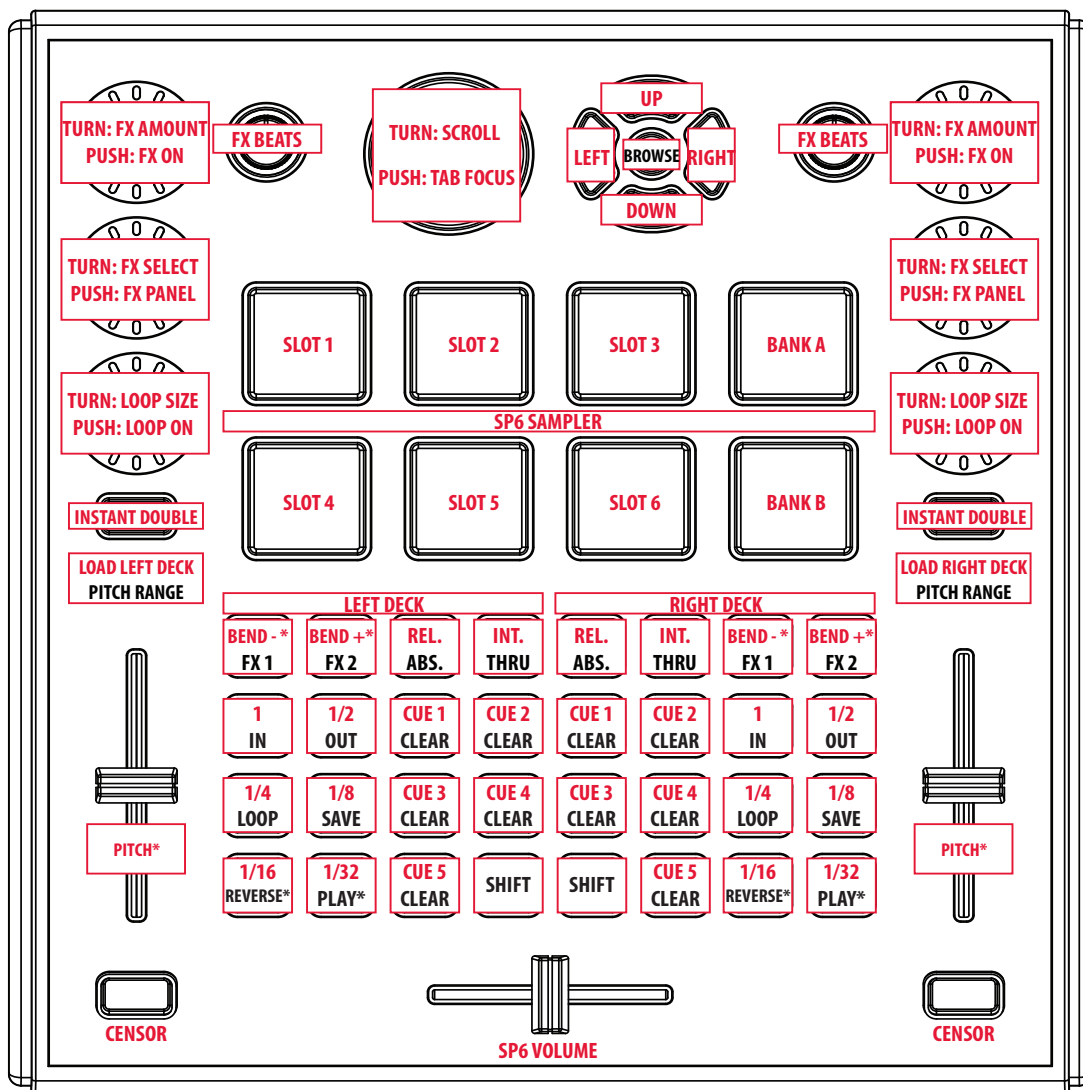
Using MT Player in Windows

Follow these steps to get started:

1. Launch the Electrix MT Player and select a preset
2. Launch Serato Scratch Live
3. Open the Setup menu and select the MIDI tab
4. On the left side of the MIDI window, select "To MT Player" as your MIDI device.

You are now ready to start mixing. As long as you always launch the MT Player before Scratch Live, you should only have to run through these steps once.

2 Mapping Details



*Only available in Internal Playback Mode

2.1 Navigation



2.1.1 Scroll & Tab Focus

The large navigation encoder is used to scroll through your library and crates. Pushing the encoder changes the focus between the main library window, crates, and track browser.

2.1.2 Directional Navigation Buttons

In addition to the encoder wheel, you can use the four directional buttons to scroll and up down lists, and move left to right to access additional metadata columns.

2.1.3 Browse

The small round button located in the center of the directional buttons is used to open and close the track browser.

2.1.4 Load & Doubles

Each channel strip on the Tweaker features a Load button and an Instant Double button. Once you have selected your track, press the load button on either deck to load it. To load the same track on the opposite deck, press the Instant Double button on the deck on which you wish to load the duplicate track.

2.2 Grid

The Tweaker's button grid is split down the middle, with the left half controlling the left deck, and the right half controlling the right deck.

2.2.1 Deck Shift

Each deck features a shift button to access secondary functions, such as deleting cue points or saving loops. Press and hold the shift button in combination with other buttons.

2.2.2 Cue Points

SSL has five cue points per deck, which are accessible via the Tweaker's button grid. Pressing an empty slot will create a cue point. Pressing an existing cue point will return playback to that point seamlessly. Holding shift and pressing a cue point button will delete the cue point (if one exists).

2.2.3 Loop Roll

The Tweaker has six momentary Loop Roll buttons per deck: 1, 1/2, 1/4, 1/8, 1/16, and 1/32.

2.2.3 Manual Loops

Four of the Loop Roll buttons also double as manual loop buttons while the shift button is held on the corresponding deck. The available functions are In and Out to set the in and out points of your loop; Loop to exit the loop, and Save to save the loop. The loop will automatically trigger when setting the out point.

2.2.4 Playback Modes

There are two buttons per deck to change the playback modes between Relative and Internal. You can also access Absolute and Thru modes by holding shift on the corresponding deck.

2.2.5 FX Assign

You can assign the two effects modules to either deck by pressing the "Bend -" or "Bend +" buttons while holding shift on the corresponding deck.

2.2.6 Pitch Bend

The Pitch Bend function is only available while in Internal playback mode. This is useful when using SSL with only one turntable.

2.3 Loops & Effects

The channel strip encoders and knobs are used to control the DJ-FX units, and the decks' auto beat loops.

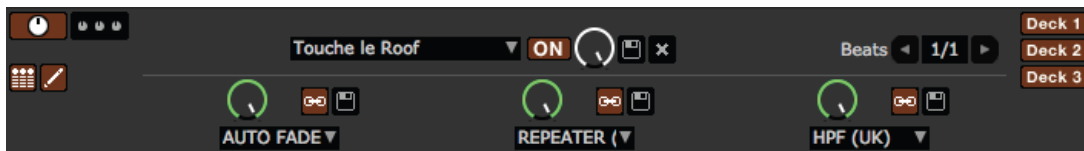
2.3.1 Loops

The bottom encoders are used to create automatic loops. Turning the encoder selects the loop length, and pushing the encoder toggles the loop on or off.

2.3.2 Effects

In order to give greater control for each effect, the Tweaker is mapped in Ultra Knob Mode. Turning the middle encoder selects the effect. Pushing the top encoder toggles the effect on or off. Turning

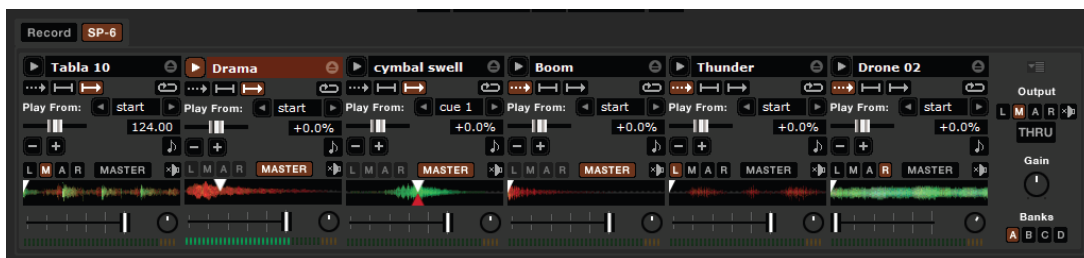
the top encoder increases or decreases the effect amount. The knob controls the effect Beats.



- ① Pushing the middle encoder on the left channel toggles the DJ FX open and close. Pushing the middle encoder on the right channel toggles the SP6 open and close.

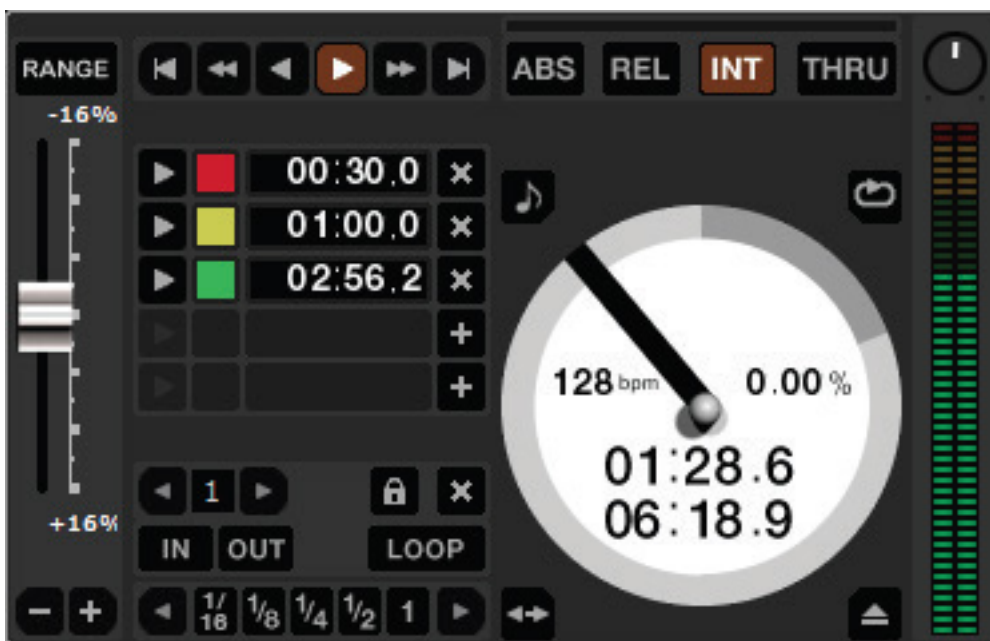
2.4 SP6 Sampler

The SP6's six samples slots are mapped to the first six pads (from the left). Tweaker enables access to two samples banks via the two remaining pads. The Tweaker's crossfader controls the output gain of the SP6.



The SP6 samples and settings remain unchanged even when restarting SSL. We suggest setting up your sampler ahead of your performance. This includes loading samples, setting playback modes for each sample (one shot, loop, etc) and setting the individual level of each sample slots. This way you will only need to launch samples and alter the output gain during a performance.

2.5 Internal Mode & Single Turntable



This mapping makes it very convenient to use SSL with a single turntable (or no turntables at all!). Switching to Internal mode opens access to Pitch control, Pitch Bend, Play/Pause, and Reverse play.

In Internal mode, the Tweaker's up-faders become pitch faders. You can change the pitch range by pressing Shift+Load to scroll through the different ranges.



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The Serato Scratch Live mapping for TWEAKER was developed by Jared Helfer and Laurent Cohen.

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