

QUICK-START GUIDE

NOVATION TWITCH

serato



DJ

Installation and Setup

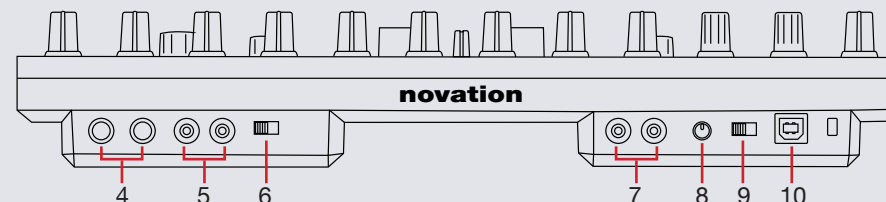
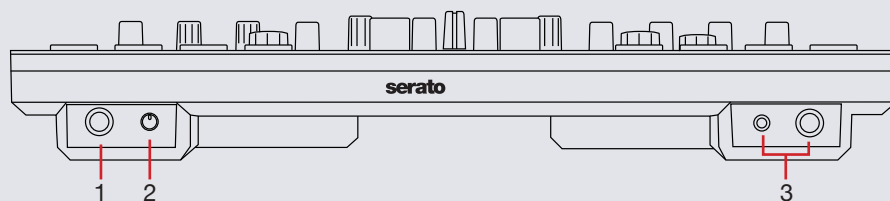
The Novation TWITCH requires drivers for both Mac and Windows. You will find these on the installation CD that is provided with your Novation TWITCH.

NOTE: Please ensure you have the latest available drivers updates, which may be required in order to be compatible with Serato DJ. Please go to <http://serato.com/dj/support>

1. Download and install the latest version of Serato DJ from <http://serato.com/dj/downloads>
2. Connect your Novation TWITCH to an available USB Port.
3. Open Serato DJ.

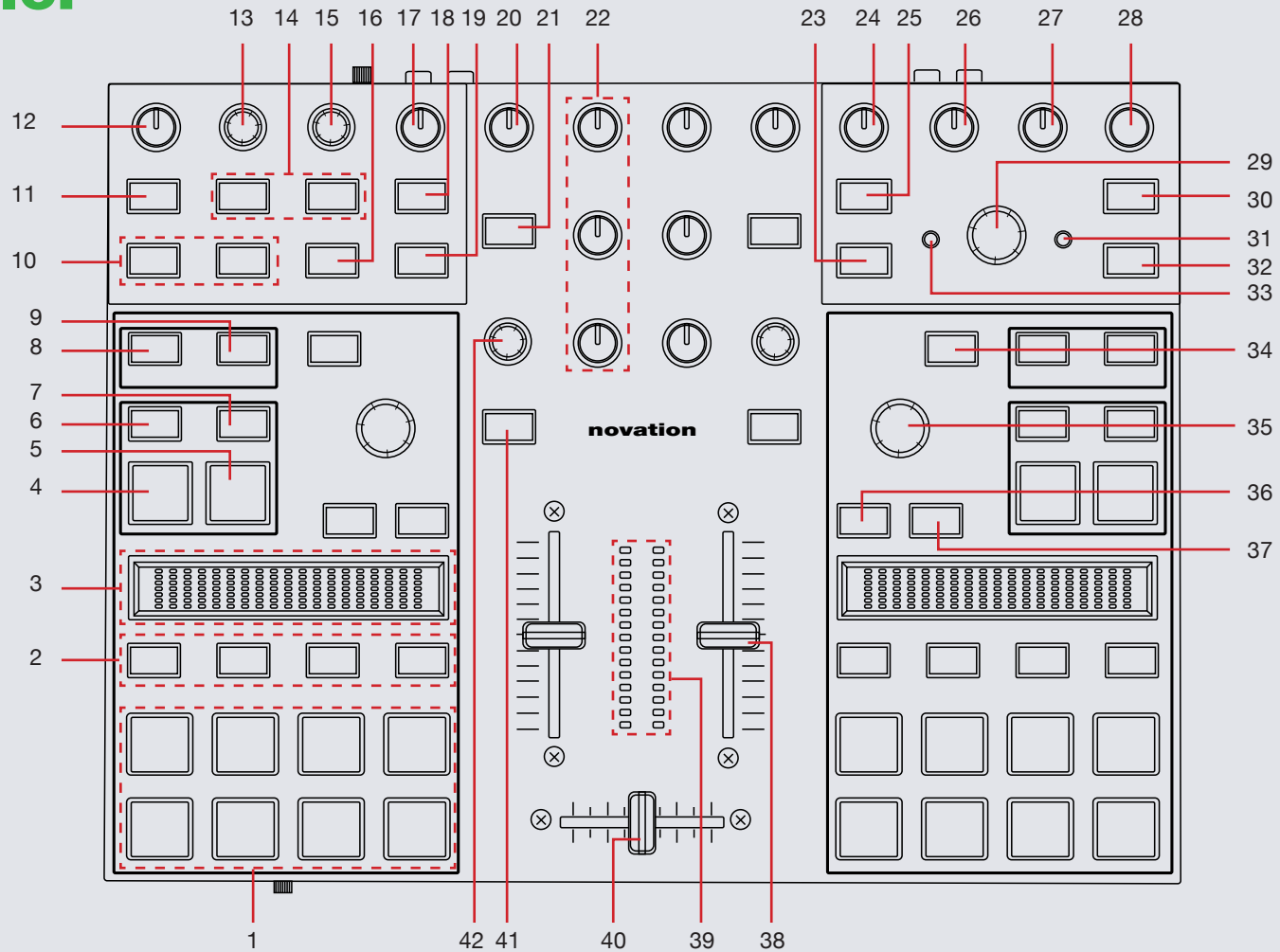
NOTE: The Novation TWITCH does not require a Serato DJ license purchase. When you first download Serato DJ you will see the MY SERATO panel appear on the right hand side.

Simply tick the box **DO NOT SHOW AGAIN** in the bottom right hand corner, then click on **My Serato** which will hide this panel. Serato DJ will remember these settings for when you next open the software.



| # | TWITCH Control | Function |
|----|--------------------------|--|
| 1 | MIC INPUT | 1/4" TRS input for a microphone |
| 2 | MIC GAIN | Adjust gain for microphone input |
| 3 | HEADPHONE OUTPUT | 1/4" and 3.5mm options for headphone connection |
| 4 | MASTER OUTPUT | 1/4" TRS output to main system/speakers |
| 5 | BOOTH OUT | RCA output to booth/secondary speakers |
| 6 | BOOTH OUTPUT SWITCH | Adjust booth output |
| 7 | AUX INPUT | RCA input for auxiliary source e.g; CD/M P3 player |
| 8 | AUX GAIN | Adjust gain for auxiliary input |
| 9 | DIRECT MONITORING ON/OFF | Determines whether monitoring of the Mic and/or Aux inputs is derived directly from within TWITCH (ON), i.e., exhibits zero latency; or is sourced via the computer (OFF) which results in latency (delay) being introduced. |
| 10 | USB | Type B USB-compatible (both USB1 and USB2) socket for connection to computer |

Controller



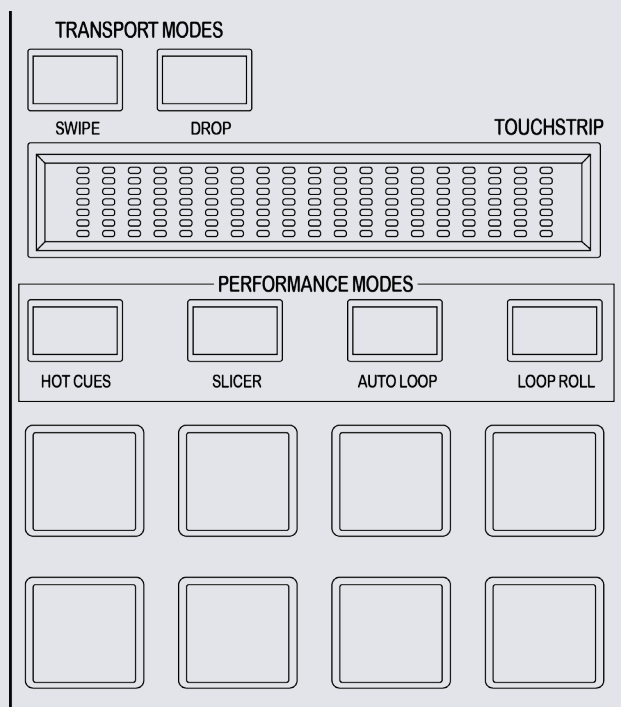
NOTE: The **SHIFT** button is used with other buttons that have shift modifier functions.

| # | TWITCH Control | Function | Shift Function |
|----|-----------------------------|--|--|
| 1 | PERFORMANCE PADS | See Performance Pad section for more information | |
| 2 | PERFORMANCE PAD MODE SELECT | Select Performance Pad Mode. See Performance Pad section for more information | |
| 3 | TOUCHSTRIP | Nudge, scratch, and adjust Parameters for Performance Pads. See Performance Pad section for more information | |
| 4 | CUE | Add/Trigger temporary cue | Jump to start of track (more than 2 Sec elapsed) Previous track (less than 2 sec elapsed) |
| 5 | PLAY/PAUSE | Play/Pause track | Stutter Play |
| 6 | KEYLOCK | Keylock On/Off | |
| 7 | SYNC/AUTO | Sync On | Sync Off (Press twice to return to Absolute Pitch when in Relative Mode) |
| 8 | SET/CLR | Set Beatgrid Downbeat Marker | Clear Beatgrid |
| 9 | ADJUST/SLIP | Use TOUCHSTRIP while holding ADJUST to Adjust Beatgrid | Press and hold SHIFT first, then press hold SLIP. This will allow you to use the TOUCHSTRIP to Slip Beatgrid |
| 10 | FX SELECT | Assign FX controls to either FX UNIT 1 or 2 | Assign FX UNIT to deck 1 or 2 |
| 11 | AUX | Slot 2 Effect On/Off | Slot 2 Select Effect |
| 12 | DEPTH | Adjust Slot 2 FX Parameter | |
| 13 | MOD/X | Adjust Slot 3 FX Parameter | |
| 14 | DECK A/B | Slot 2/3 Effect On/Off | Slot 2/3 Select Effect |
| 15 | BEATS | Adjust Beats Multiplier | Adjust Beats Multiplier |
| 16 | ON/OFF | Assign FX UNIT to Master Output | Assign FX UNIT to Master Output |
| 17 | MIC/AUX LEVEL | Adjust Mic/Aux level | |
| 18 | MIC/AUX CUE | Cue Mic/Aux inputs in headphones | |

| # | TWITCH Control | Function | Shift Function |
|----|----------------|--|---|
| 19 | MIC/AUX ON/OFF | Mic/Aux Input On/Off | |
| 20 | TRIM | Adjust channel gain | |
| 21 | CUE | Cue selected channel | |
| 22 | EQ | Adjust high, mid and low EQ's | |
| 23 | LOAD A | Load track to Deck 1/Press twice for Instant Double | |
| 24 | CUE OUTPUT | Adjust headphone output | |
| 25 | AREA | Cycle Files/Browse/Prepare/History panels | Sorts Library columns by (#, Song, Artist, BPM, Album) |
| 26 | CUE MIX | Adjust between cue output and master output in headphones | |
| 27 | BOOTH | Adjust Booth Output | |
| 28 | MASTER | Adjust Master Output | |
| 29 | BROWSE/SCROLL | Library Scroll (turn)/Jump between Crates/Library (click) | Add selected track to Prepare Panel (click) |
| 30 | VIEW | Cycle View Modes | Cycle Rec/FX/SP6 Panels |
| 31 | FWD | Navigate forward through open panels | |
| 32 | LOAD B | Load track to Deck 2/Press twice for Instant Double | |
| 33 | BACK | Navigate back through open panels | |
| 34 | SHIFT | The SHIFT button is used with other buttons that have shift modifier functions | |
| 35 | PITCH | Adjust Tempo/Press and turn for fast adjust | When in Sync mode, used to disable the PITCH wheel temporarily and change the zero position |
| 36 | SWIPE | Cycles Scrub/Scratch/Performance Mode of TOUCHSTRIP. See Performance Pads section for more information | |
| 37 | DROP | Turns needle-drop mode on/off for TOUCHSTRIP | |
| 38 | CHANNEL FADER | Adjust channel volume/Adjust Slot 1 FX Parameter when using FADER FX | |

| # | TWITCH Control | Function | Shift Function |
|----|-----------------|---|----------------------|
| 39 | LED METER | Monitors the audio levels of the Master Output | |
| 40 | CROSSFADER | Crossfades the output sound between the two decks | |
| 41 | FADER FX ON/OFF | Slot 1 Effect On/Off | Slot 1 Select Effect |
| 42 | SELECT (knob) | Adjust Beats Multiplier/Push to Select Effect | Slot 1 Select Effect |

Performance Pads



Each performance pad function changes depending on the mode you select:

Note - All TOUCHSTRIP descriptions below are for when the SWIPE Transport control is in Performance Mode (light off). When SWIPE is in Nudge Mode (light on) or Scratch Mode (light flashing), the TOUCHSTRIP will nudge or scratch the track in all Performance Modes.

- **Hot Cue Mode:** Press HOT CUE to activate Hot Cue Mode. When pressing buttons 1-8 you can add up to 8 Cue Points. Holding SHIFT and pressing buttons 1-8 will delete the Cue Points.
- **Sampler Mode:** Press HOT CUE twice to activate Sampler Mode. Buttons 1-6 trigger samples loaded in your Sample Banks. Using the TOUCHSTRIP cycles between banks A,B,C and D.
- **Slicer Mode:** A specified range (or domain) is divided into eight equal sections, and these eight sliced sections are assigned to the respective performance pads. Pressing SLICER once for the first mode, is a shifting Slicer Domain. Pressing SLICER twice, for the second mode is a fixed Slicer Domain or “loop”. Use the TOUCHSTRIP to set the quantization for the slicer function. The quantization can be set in four ways: 1/8, 1/4, 1/2 and 1. Hold SHIFT + TOUCHSTRIP to set the domain. The domain can be set either: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats.
- **Auto Loop Mode:** Press AUTO LOOP to activate Auto Loop Mode. Buttons 1-8 toggle Auto Loops on/off. Each pad activates increasing lengths of Auto Loops from those visible in the software. Use the TOUCHSTRIP to shift the Loop Range available.
- **Stored Loop Mode:** Press AUTO LOOP twice to activate Stored Loop Mode. In Stored Loop mode, you can activate or reloop loops you have previously saved and stored for the track loaded to the virtual deck.
- **Loop Roll Mode:** Press LOOP ROLL to activate Loop Roll Mode. When pressing buttons 1-8 you can activate a loop roll. The Loop Length is determined by the Auto Loop Range currently showing on screen in the Auto Loop section of Serato DJ. Use the TOUCHSTRIP to shift the Loop Range available.
- **Manual Loop Mode:** Press LOOP ROLL twice to activate Manual Loop Mode. In Manual Loop Mode, you can create manual loops, edit the loop length and save loops to an available loop slot for the track loaded to the virtual deck.

[SEE LOOPING SECTION FOR MORE INFORMATION ON THE ABOVE LOOP MODES.](#)

Looping

You have the choice of Auto or Manual Looping within Serato DJ with the Novation TWITCH.

NOTE You can also save a loop to the next available free loop slot in the software. To do this, click **+** on an available loop slot. Your loops are saved to the file and recalled the next time it is loaded. They are not lost if the file is moved or renamed.

Auto Loop Mode and Stored Loop Mode:

Auto Loop Mode and Stored Loop Mode are two of the performance pad modes. Activate **Auto Loop** mode on the performance pads by pressing the **AUTO LOOP** button on your controller, or press a second time to activate **Stored Loop** Mode [SEE PERFORMANCE PADS FOR MORE INFORMATION](#).

| TWITCH Control | Auto Loop Mode | Stored Loop Mode |
|----------------|-------------------|---|
| Pad 1 | 1/8 Bar Auto Loop | Stored Loop 1 On/Off (Press with SHIFT to Reloop) |
| Pad 2 | 1/4 Bar Auto Loop | Stored Loop 2 On/Off (Press with SHIFT to Reloop) |
| Pad 3 | 1/2 Bar Auto Loop | Stored Loop 3 On/Off (Press with SHIFT to Reloop) |
| Pad 4 | 1 Bar Auto Loop | Stored Loop 4 On/Off (Press with SHIFT to Reloop) |
| Pad 5 | 2 Bar Auto Loop | Stored Loop 5 On/Off (Press with SHIFT to Reloop) |
| Pad 6 | 4 Bar Auto Loop | Stored Loop 6 On/Off (Press with SHIFT to Reloop) |

| | | |
|------------|-----------------------|---|
| Pad 7 | 8 Bar Auto Loop | Stored Loop 7 On/Off (Press with SHIFT to Reloop) |
| Pad 8 | 16 Bar Auto Loop | Stored Loop 8 On/Off (Press with SHIFT to Reloop) |
| TOUCHSTRIP | Shift Auto Loop Range | Scrub/Scratch Mode |

NOTE: You can also save a loop to the next available free loop slot in the software. To do this, either click the **+** button in the manual/auto loop tab or click **+** on an available loop slot. Your loops are saved to the file and recalled the next time it is loaded. They are not lost if the file is moved or renamed.


Loop Roll Mode and Manual Loop Mode:

Loop Roll Mode and Manual Loop Mode are another two performance pad modes. Activate **Loop Roll** mode on the performance pads by pressing the **LOOP ROLL** button on your controller, or press a second time to activate **Manual Loop** Mode [SEE PERFORMANCE PADS FOR MORE INFORMATION.](#)



| TWITCH Control | Loop Roll Mode | Manual Loop Mode |
|----------------|-----------------------|---|
| Pad 1 | 1/8 Bar Loop Roll | Not Mapped |
| Pad 2 | 1/4 Bar Loop Roll | Reloop/Exit |
| Pad 3 | 1/2 Bar Loop Roll | Save Loop to available Loop Slot |
| Pad 4 | 1 Bar Loop Roll | Shift up through available Loop Slots |
| Pad 5 | 2 Bar Loop Roll | Set loop in point (Loop not active), press again to edit start of loop point (Loop active) |
| Pad 6 | 4 Bar Loop Roll | Set end of loop point (If Loop in point set), press again to edit end of loop point (Loop active) |
| Pad 7 | 8 Bar Loop Roll | Selected Loop On/Off |
| Pad 8 | 16 Bar Loop Roll | Shift down through available Loop Slots |
| TOUCHSTRIP | Shift Auto Loop Range | Scrub/Scratch Mode |

NOTE: The best way to edit the start and end points of a manual loop is with the **TOUCHSTRIP** on your Novation TWITCH.

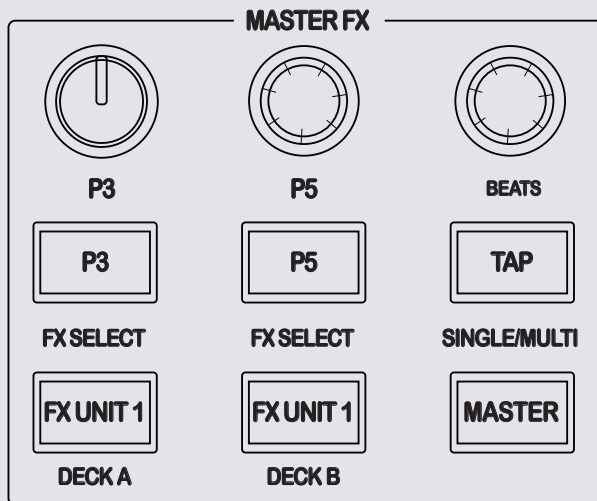
DJ-FX

The DJ-FX in Serato DJ are powered by iZotope™. Click the FX tab  to open the FX panel. Select either 1, 2 or M to assign the selected effect bank to a deck or Master Output.

There are two available modes in the DJ-FX. Single FX Mode allows you to select one effect per FX bank, and has multiple parameters that can be adjusted. Multi FX Mode allows you to select up to three effects per FX bank, and adjust only one parameter, the FX Depth. The same effects available in Single FX mode are available in Multi FX mode, as well some additional presets.

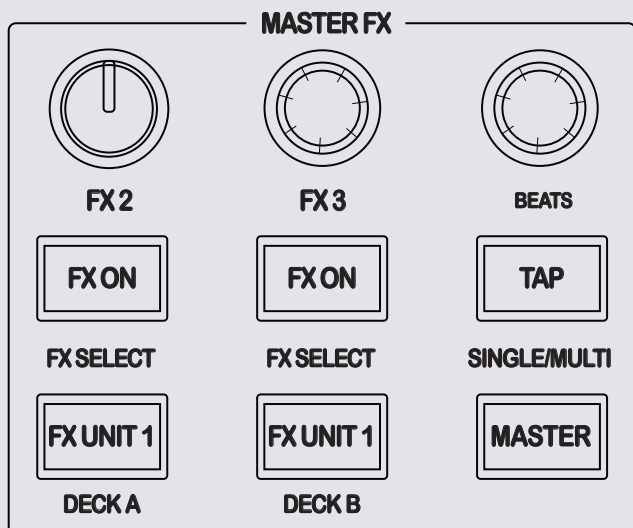
You can select between the two FX modes by clicking either the Single FX mode button  or Multi FX mode button .

Single FX Mode



| TWITCH MASTER FX | Single FX Modes | Shift Function |
|--------------------|---|--------------------------------------|
| DEPTH (knob) | Adjust FX Parameter 3 | Not Mapped |
| MOD/X (knob) | Adjust FX Parameter 5 | Not Mapped |
| BEATS (knob) | Adjust Beats Multiplier | Adjust Beats Multiplier |
| AUX (button) | Adjust FX Parameter 2 | Select Effect |
| DECK A (button) | Adjust FX Parameter 4 | Select Effect |
| DECK B (button) | Tap to the desired FX tempo. To return to AUTO mode, press and hold | Toggle between Single/Multi FX Modes |
| FX SELECT (button) | Assign FX controls to FX UNIT 1 | Assign FX UNIT to deck 1 |
| FX SELECT (button) | Assign FX controls to FX UNIT 2 | Assign FX UNIT to deck 2 |
| ON/OFF (button) | Assign FX UNIT to Master Output | Assign FX UNIT to Master Output |

Multi FX Mode



| TWITCH MASTER FX | Multi FX Modes | Shift Function |
|------------------|----------------------------|-------------------------|
| DEPTH (knob) | Adjust Slot 2 FX Parameter | Not Mapped |
| MOD/X (knob) | Adjust Slot 3 FX Parameter | Not Mapped |
| BEATS (knob) | Adjust Beats Multiplier | Adjust Beats Multiplier |
| AUX (button) | Slot 2 Effect On/Off | Slot 2 Select Effect |
| DECK A (button) | Slot 3 Effect On/Off | Slot 3 Select Effect |

| | | |
|--------------------|---|--------------------------------------|
| DECK B (button) | Tap to the desired FX tempo. To return to AUTO mode, press and hold | Toggle between Single/Multi FX Modes |
| FX SELECT (button) | Assign FX controls to FX UNIT 1 | Assign FX UNIT to deck 1 |
| FX SELECT (button) | Assign FX controls to FX UNIT 2 | Assign FX UNIT to deck 2 |
| ON/OFF (button) | Assign FX UNIT to Master Output | Assign FX UNIT to Master Output |

Fader FX

| TWITCH FADER FX | Single FX Mode | Multi FX Mode | Shift Function |
|-----------------|---|---|------------------------------------|
| SELECT (knob) | Adjust Beats Multiplier/Push to Select Effect | Adjust Beats Multiplier/Push to Select Effect | Select Effect/Slot 1 Select Effect |
| ON/OFF (button) | Effect On/Off | Slot 1 Effect On/Off | Select Effect/Slot 1 Select Effect |
| CHANNEL FADER | Adjust FX Parameter | Adjust Slot 1 FX Parameter | |
| ON/OFF (button) | Assign FX UNIT to Master Output | Assign FX UNIT to Master Output | |

Beat Jump

To activate **Beat Jump**, open the **Setup** screen and under the DJ preferences tab turn on “**Show Beat Jump Controls**”.

Show Beat Jump Controls

When you close the Setup screen you will see Beat Jump controls underneath the existing Auto Loop values on each deck. Checking this box will turn on Beat Jump features in the deck area and let you control Beat Jump from on your supported Serato DJ hardware.



When the Beat Jump option is enabled, controllers with 8 performance pads that have an **AUTO LOOP** or **LOOP ROLL** mode will use the bottom row of 4 pads (pads 5-8) as Beat Jump controls. This is designed to mirror the change in deck Auto Loop area (from 8 Auto Loop sizes to 4 Auto Loop sizes + Beat Jump controls).

| Performance Pad Function | Pad 5 | Pad 6 | Pad 7 | Pad 8 |
|--------------------------|------------------------|-------------------------|--------------------------|------------------------|
| Beat Jump disabled | Auto Loop/ Loop Roll 5 | Auto Loop/ Loop Roll 6 | Auto Loop/ Loop Roll 7 | Auto Loop/ Loop Roll 8 |
| Beat Jump enabled | Beat Jump Left | Beat Select Left | Beat Select Right | Beat Jump Right |

Controllers with Loop Shift controls can now do a Beat Jump by enabling Beat Jump in the Setup screen. Regular Loop Shift is still available if Beat Jump is disabled in the Setup screen.

MIDI

The MIDI feature in Serato DJ provides the ability to remap Serato DJ software functions to your primary Serato DJ controller, interface or mixer. You can also assign controls to a secondary MIDI controller to further enhance your performance.

[For more information on MIDI mapping with Serato DJ click here.](#)

To remap your supported Serato DJ device, open the **SETUP** screen and click the **MIDI** tab. If your Serato DJ device supports hardware remapping it will show up in the **MIDI Devices** list at the top.

Select your connected device from the MIDI Devices list and make sure the “Allow Serato Hardware Remapping” option is checked.

Allow Serato Hardware Remapping

Once checked, the MIDI assign button at the top of the screen will become available for you to start remapping.

MIDI

You can save, edit or delete MIDI presets in the **MIDI** tab of the **SETUP** screen. Clicking ‘**Restore Defaults**’ will erase any custom mappings for all connected devices and revert their functions back to default.

[Download the Serato DJ software manual for further information.](#)


NOTE: Official Serato Accessories do not currently support user remapping. Hardware features that cannot be remapped at this stage are Jogwheels/ Platters, Input Switches, Shift buttons and Performance Pad Mode buttons. Re-mapping any pad(s) in Hot Cue mode will also re-map the same pad in Saved Flip mode and vice versa.


NOTE: Remapping any performance pad will remap this same pad in all performance pad modes (i.e if you map pad 1 in Hot Cue mode, it will remap pad 1 in all other modes).

serato



Using the Tool Tips

Click on the  icon to enable Tool Tips. This is located in between the MIDI and setup button in the top right hand corner of the screen. Tool Tips provide a handy way to learn the various features of Serato DJ.

Move the mouse over a section of the screen to bring up a context sensitive tool tip. Holding the mouse over the  button with Tool Tips turned on will show you a list of all keyboard shortcuts.

For more information about how to use Serato DJ, please go to our website www.serato.com or refer to the Serato DJ Software Manual.

For more information on your controller, please refer to the hardware manual.

For further help, please contact support@serato.com or go to www.serato.com/dj/support

serato

