

# QUICK-START GUIDE

# NOVATION TWITCH

serato



DJ

# Installation and Setup

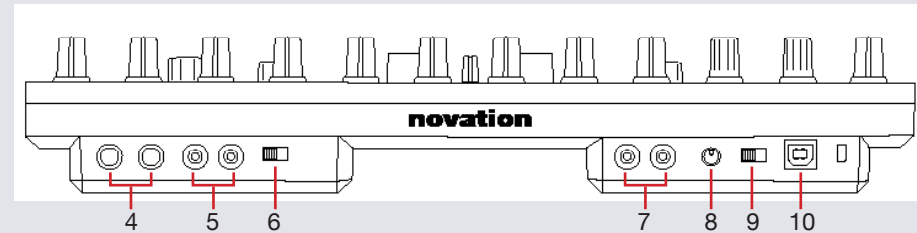
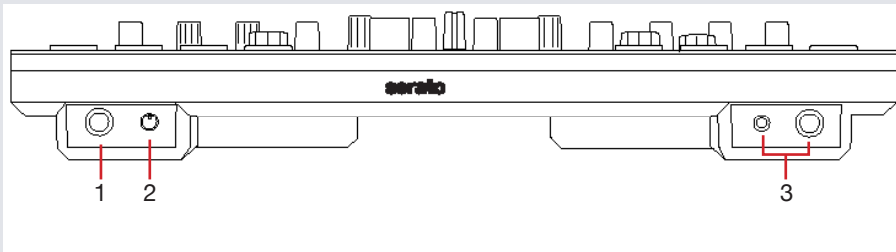
The Novation TWITCH requires drivers for both Mac and Windows. You will find these on the installation CD that is provided with your Novation TWITCH.

**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.

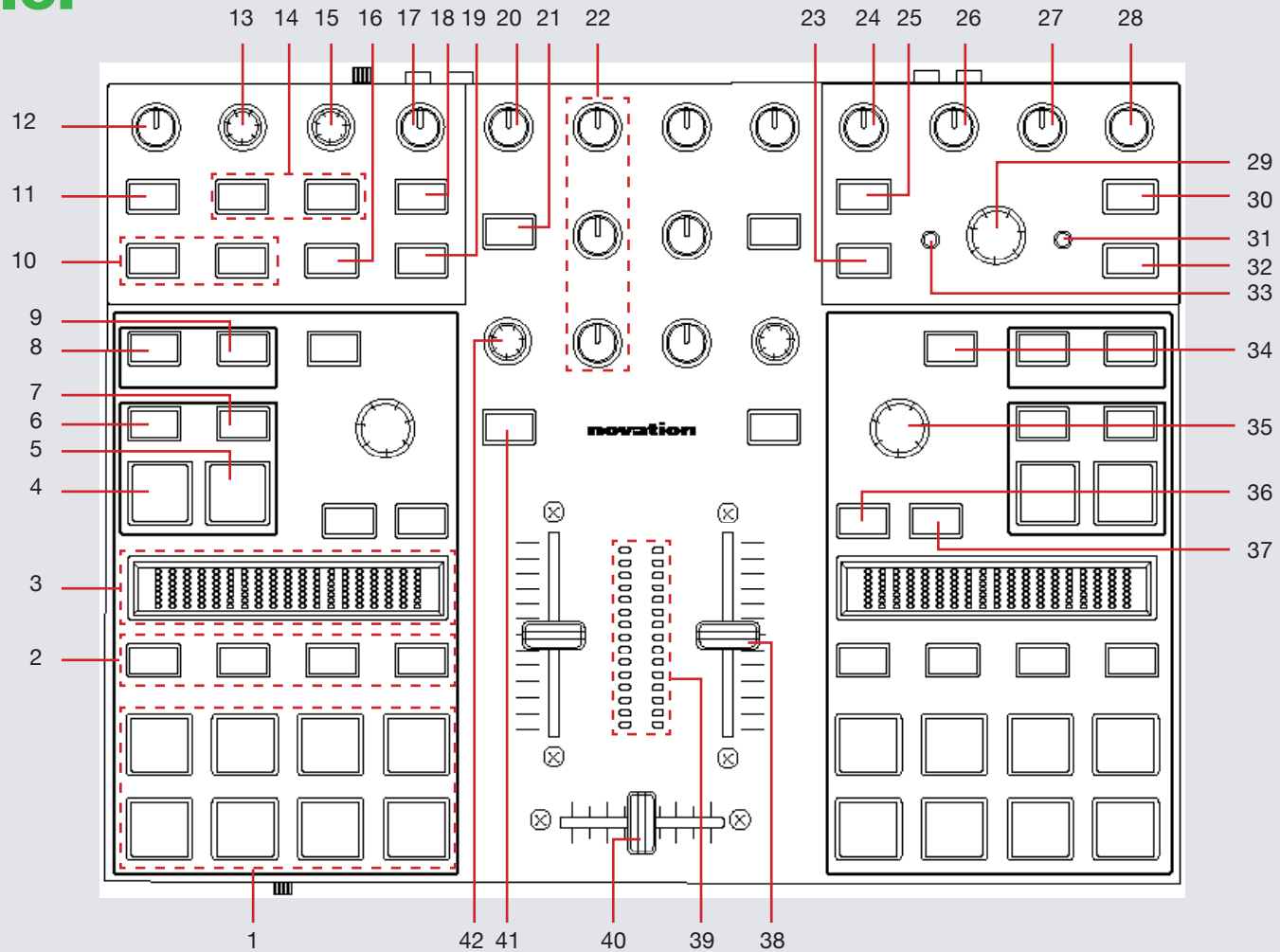
**NOTE:** The Novation TWITCH does not require a Serato DJ license purchase. When you first download Serato DJ you will see the MY SERATO panel appear on the right hand side.

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



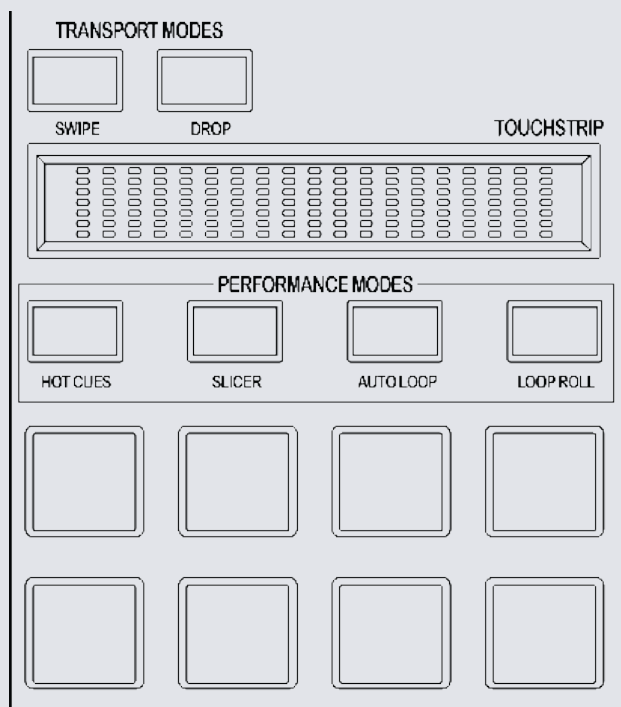
**NOTE:** The **SHIFT** button is used with other buttons that have shift modifier functions.

#	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.

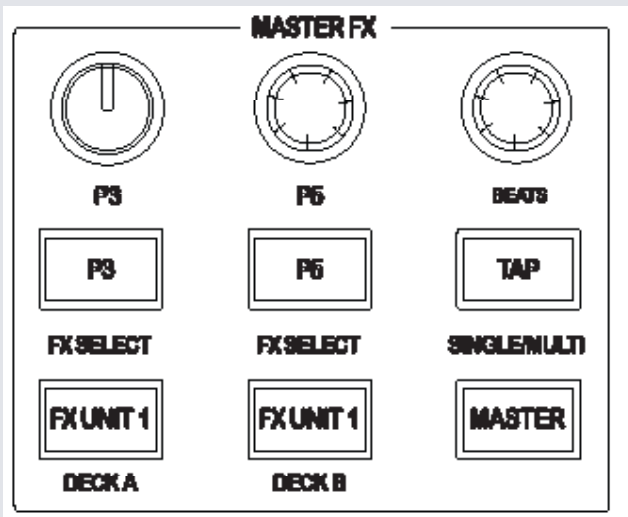
# DJ-FX

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.

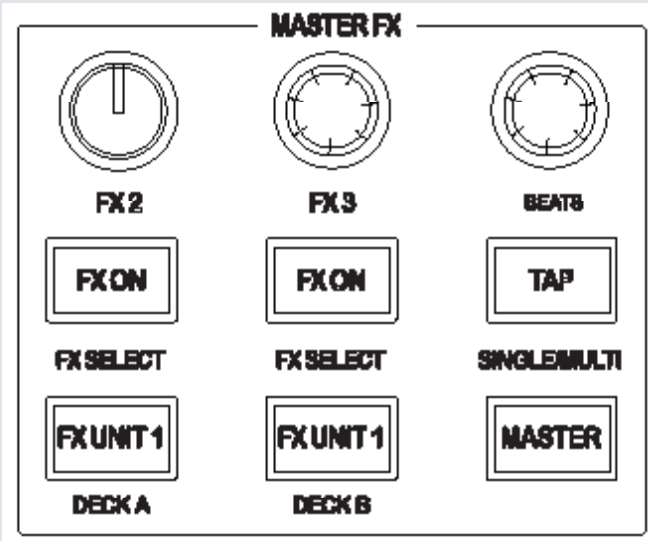
You can select between the two FX modes by clicking either the Single FX mode button  or Multi FX mode button .

## 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	<b>Beat Jump Left</b>	<b>Beat Select Left</b>	<b>Beat Select Right</b>	<b>Beat Jump Right</b>

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.

## Serato Video

Serato Video is a software plugin for Serato Software which adds the ability to playback and mix video files, use effects and fader transitions with your Serato DJ Controller, an additional MIDI controller or your mouse/keyboard.

For more information on Serato Video go to <http://serato.com/video>

## MIDI

The MIDI control feature in Serato DJ provides the ability to map Serato DJ software functions to MIDI controller functions such as keyboards, triggers, sliders, and knobs. Integrating MIDI controllers into your Serato DJ setup can improve live performance usability, such as hitting pads on a MIDI controller to trigger Loops and Cue Points.


For more information download the Serato DJ manual by going to <http://serato.com/dj/downloads>


**NOTE:** You can not MIDI Map your Novation TWITCH, you will need to connect an additional MIDI controller to use these MIDI functions.

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## 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](http://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](mailto:support@serato.com) or go to [www.serato.com/dj/support](http://www.serato.com/dj/support)

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