

# QUICK-START GUIDE PIONEER DDJ-SX2

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# Installation and Setup

The Pioneer DDJ-SX2 is a class compliant USB plug and play device for Mac, however requires drivers for Windows. You will find these on the installation CD provided with your Pioneer DDJ-SX2 or on the Pioneer DJ website.

**NOTE:** Please ensure you have the latest available drivers AND firmware updates, which may be required in order to be compatible with Serato DJ.

1. Download and install the latest version of Serato DJ from <http://serato.com/dj/downloads>
2. Connect your Pioneer DDJ-SX2 to an available USB Port.
3. Open Serato DJ.

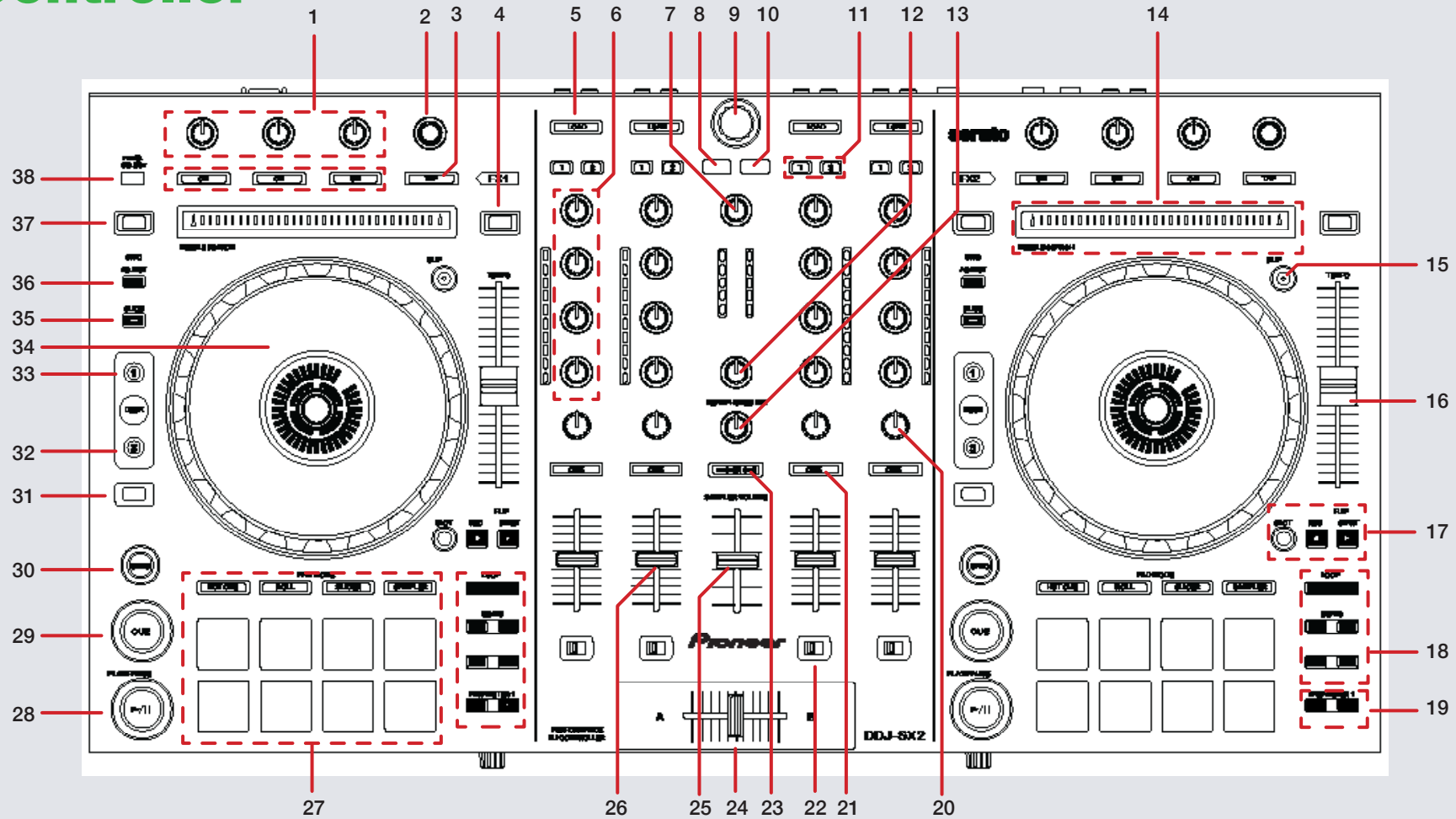
**NOTE:** The Pioneer DDJ-SX2 does not require a Serato DJ license purchase. When you first download Serato DJ you will see the MY SERATO panel appear on the right hand side.

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.

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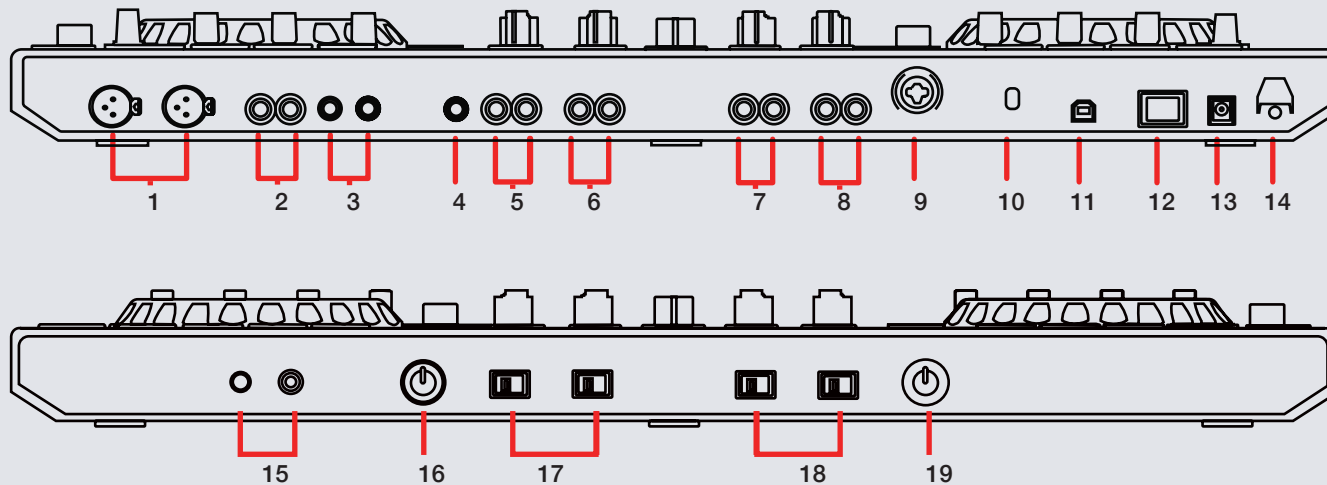
# Controller



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


#	Pioneer DDJ-SX2 Control	Function	Shift Function
1	FX 1-3	DJ-FX slot 1-3 Effect On/Off/Adjust Slot 1-3 FX Parameter	Slot 1-3 Select Effect
2	BEATS	Adjust Beats Multiplier	
3	TAP TEMPO	Tap to the desired FX tempo. To return to AUTO mode, press and hold.	
4	KEYLOCK	Keylock On/Off	Toggles Pitch Range
5	LOAD	Loads highlighted track to deck	Sort library by column
6	CHANNEL GAIN/EQ	Channel gain and EQ controls	
7	MASTER OUTPUT	Adjusts Master volume for controller	
8	BACK	Toggles focus back between Library and Crate list	Toggle through Serato DJ view modes
9	BROWSER	Library scroll	
10	LOAD PREPARE	Loads the highlighted track to Prepare Crate	Toggle through Serato DJ areas
11	FX ASSIGN	Assign channel to FX unit A/B	
12	BOOTH MONITOR	Adjust booth monitor output volume	
13	HEADPHONE MIX	Assign headphone mix Master/Cue	Reverse
14	TOUCH STRIP	Jump to track position	
15	SLIP	Turn Slip On	Toggle Vinyl/Jog platter mode
16	TEMPO SLIDER	Adjust tempo/pitch	
17	FLIP CONTROLS	Dedicated Serato Flip playback controls. <b>SEE SERATO FLIP FOR MORE INFORMATION</b>	
18	LOOP CONTROLS	Loop Controls. <b>SEE LOOPING FOR MORE INFORMATION</b>	
19	PARAMETER1	Adjusts Parameter1 in performance pad modes	Adjusts Parameter2 in performance pad modes

#	Pioneer DDJ-SX2 Control	Function	Shift Function
20	HPF/LPF	Dedicated channel HP/LP Filter	
21	CHANNEL CUE	Cues selected channel for headphone monitoring	
22	CROSSFADER ASSIGN	Assigns crossfader to channel A/Thru/B	
23	MASTER CUE	Cues master channel for headphone monitoring	
24	CROSSFADER	Crossfade audio between channel A-B	
25	SAMPLER VOL	SP-6 Sampler volume	
26	CHANNEL FADER	Channel volume	CH Fader Start
27	PERFORMANCE PADS	<b>SEE PERFORMANCE PADS FOR MORE INFORMATION</b>	
28	PLAY/PAUSE	Toggles Play/Pause on selected deck	Stutter Play
29	CUE	Cues from temp cue point/Set Temp Cue point	
30	SYNC	Turns SYNC On	Turns SYNC Off
31	SHIFT	Used with other controls that have SHIFT modifier functions	
32	DECK SELECT	Change Deck Layer	
33	DECK SELECT	Change Deck Layer (press both to engage Dual mode)	
34	PLATTER/JOG WHEEL	Control waveform within Serato DJ	
35	BEATGRID SLIP	Enable Beatgrid Slip mode	
36	BEATGRID ADJUST	Enable Beatgrid Adjust mode	
37	CENSOR	Censors playing track	Enables reverse
38	PANEL SELECT	Toggles through Serato DJ panels	



#	Pioneer DDJ-SX2 Control	#	Pioneer DDJ-SX2 Control
1	BALANCED MASTER OUT	11	USB
2	MASTER OUT 2	12	POWER SWITCH
3	BOOTH OUT	13	DC INPUT
4	MIC 2 INPUT	14	CABLE LOCK
5	RCA INPUT/CHANNEL 4	15	1/4"/1/8" HEADPHONE OUTPUT
6	RCA INPUT/CHANNEL 3	16	HEADPHONE LEVEL
7	RCA INPUT/CHANNEL 2	17	CHANNEL ASSIGN
8	RCA INPUT/CHANNEL 1	18	CHANNEL ASSIGN
9	MIC 1 INPUT	19	CROSSFADER CURVE ADJUST
10	KENSINGTON LOCK		

## Looping

You have up to 8 loops per track in Serato DJ, and the choice between either manual or auto loops. To store the currently active or most recently created loop, click  in the loop tab in the software.

DDJ-SX2 Control	Serato DJ Function	Shift
AUTO LOOP	Autoloop On/Off	Activate selected loop
1/2X	Halve Loop Length	Loop Shift/Beat Jump Left
2X	Double Loop Length	Loop Shift/Beat Jump Right
IN	Set loop in point (Loop not active)/Adjust loop in point (Loop active)	Saved Loop slot select
OUT	Set loop out point (Loop in point set)/Adjust loop out point (Loop active)	Loop Exit (Loop active)/Reloop (Loop not active)

## Serato Flip

Flip is an Expansion Pack for Serato DJ. Flip controls are only available once the Flip expansion pack has been purchased and activated. The expansion pack can be purchased in-app through the Serato DJ Online window, or online at <http://serato.com/accessories>

In **Hot Cue** performance pad mode the Left and Right Parameter buttons are used to record and trigger Flips.

Control	Flip function	Shift
Left Parameter button	Starts the recording of a new Flip	Turns Flip Loop on/off
Right Parameter button	Starts the current Flip / re-trigger Flip	Turns current Flip On/Off

Press **Hot Cue** mode twice to enter Flip performance pad mode. Pressing pads 1-6 in will trigger saved Flips, pressing **SHIFT** + pads 1-6 will turn saved Flips on/off. Pressing an empty Flip slot will save any active Flip to that slot.


The DDJ-SX2 also has dedicated Flip controls.

Control	Flip function	Shift
SLOT	Cycle through available Flip slot	Save current Flip to next available Flip slot
REC	Starts the recording of a new Flip	Turns Flip Loop on/off
START	Starts the current Flip / re-trigger Flip	Turns current Flip On/Off



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# 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, 3, 4 or M to assign the selected effect bank to a deck or Master Output.

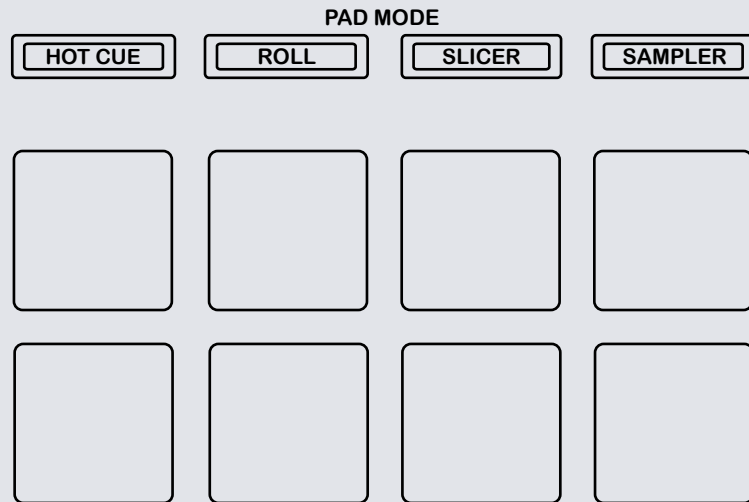
There are two available modes in the DJ-FX. Single FX Mode allows you to select one effect per FX bank, and has multiple parameters that can be adjusted. Multi FX Mode allows you to select up to three effects per FX bank, and adjust only one parameter, the FX Depth. The same effects available in Single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

DDJ-SX2 Control	Single FX Mode	Multi FX Mode	Shift
ON (Button 1)	Effect On/Off	Slot 1 Effect On/Off	Slot 1 Select Effect
ON (Button 2)	Adjust FX Parameter 2	Slot 2 Effect On/Off	Slot 2 Select Effect
ON (Button 3)	Adjust FX Parameter 4	Slot 3 Effect On/Off	Slot 3 Select Effect
FX KNOB 1	Adjust FX Parameter 1	Adjust Slot 1 FX Parameter	
FX KNOB 2	Adjust FX Parameter 3	Adjust Slot 2 FX Parameter	
FX KNOB 3	Adjust FX Parameter 5	Adjust Slot 3 FX Parameter	
TAP	Tap to the desired FX tempo. To return to AUTO mode, press and hold	Tap to the desired FX tempo. To return to AUTO mode, press and hold	Toggle between Single/Multi FX Modes
BEATS (knob)	Adjust Beats Multiplier	Adjust Beats Multiplier	
FX Assign 1/2	Assigns channel to FX Unit 1 or 2	Assigns channel to FX UNIT 1 or 2	



# Performance Pads



The Pioneer DDJ-SX2 RGB performance pads have eight different modes you can select. The first four modes are; Hot Cue, Loop Roll, Slicer and Sampler. The second four modes (Cue Loop, Saved Loop, Slicer Loop and Velocity Sampler) are activated by pressing the performance pad mode buttons a second time.

- **Hot Cue Mode:** When pressing pads 1-8 you can add up to 8 Cue Points. Holding SHIFT and pressing buttons 1-8 will delete the Cue Points. Press Hot Cue mode twice to enable Flip performance mode. Pressing pads 1-6 in will trigger saved Flips, pressing SHIFT + pads 1-6 will turn saved Flips on/off. Pressing an empty Flip slot will save any active Flip to that slot. SHIFT + Hot Cue will enable **Cue Loop** mode. Press pads 1-8 will play a Loop Roll from the Cue point position.
- **Roll Mode:** When pressing buttons 1-8 you can activate a loop roll. The loop length is determined by the Auto Loop Range currently selected in the Loop section of the software, which you can change using the PARAMETER1 buttons. Press Roll twice to enable Saved Loops mode. Pads 1-8 will trigger saved loops.
- **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 PARAMETER1 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 + PARAMETER1 to set the domain. The domain can be set to one of six settings: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats.
- **Sampler Mode:** Buttons 1-6 Trigger Samples loaded in your Sample Banks. Use PARAMETER1 Left/Right buttons to cycle through Sample Banks. Press the Sampler mode button twice to enable the velocity sensitivity. When enabled the SP-6 sample slot volume will now be velocity sensitive when played using the performance pads.

## 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.

## 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 Pioneer DDJ-SX2, you will need to connect an additional MIDI controller to use these MIDI functions.

## DVS Expansion

The Numark NV is Serato DVS Upgrade Ready. Use turntables or CD players to control Serato DJ using NoiseMap™ Control Tone records or CDs. You can enable CD and Vinyl control through the Setup screen after the DVS Expansion upgrade is purchased and has been activated inside the software.


**Note:** Due to the configuration of the controller, DVS control is only available through channels 1 and 2. Channels 3 and 4 are reserved for THRU mode only.


For more information and to purchase the DVS Expansion, see <http://serato.com/dj/dvs>

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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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