

# QUICK-START GUIDE

# PIONEER DDJ-SP1

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DJ

# Installation and Setup

The Pioneer DDJ-SP1 is a class compliant USB plug and play device and requires no further driver installation.

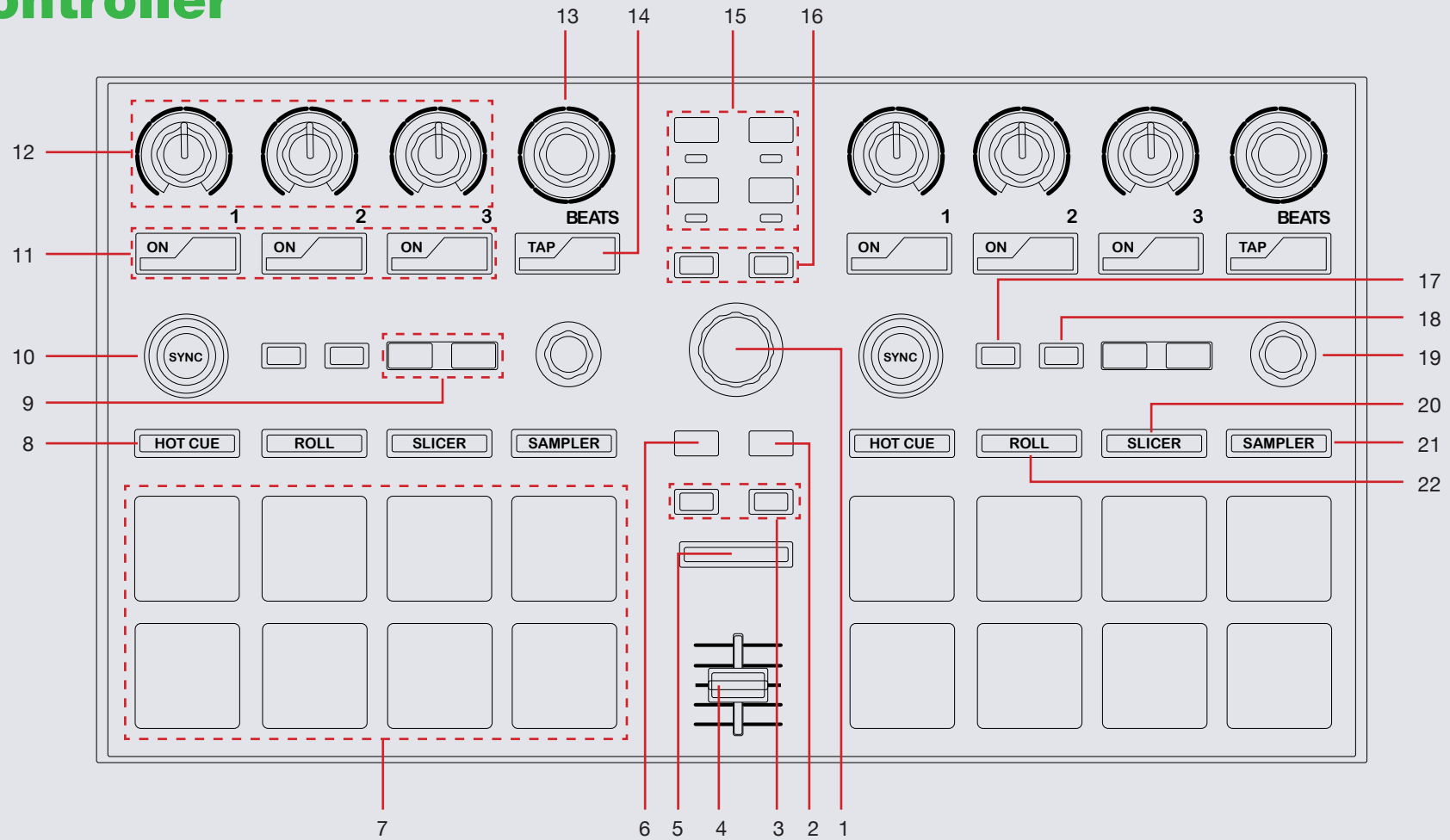
**NOTE:** The Pioneer DDJ-SP1 is an additional controller that will only work in addition to supported Serato DJ hardware. [Click here to see a list of supported Serato DJ hardware.](#)

1. Download and install the latest version of Serato DJ from <http://serato.com/dj/downloads>
2. Connect your supported Serato DJ hardware to a USB port.
3. Connect your Pioneer DDJ-SP1 to an available USB Port.
4. Open Serato DJ.

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# Controller



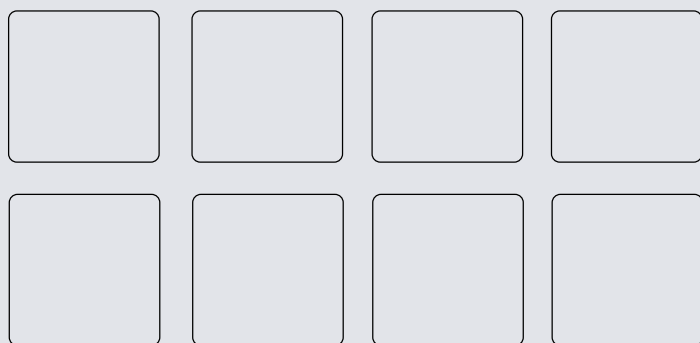
**NOTE:** The SHIFT button is used with other buttons that have shift modifier functions.

#	Pioneer DDJ-SP1 Control	Function	Shift
1	BROWSER	Turn to browse through currently focused area (library/crates/open panels). Click to move forwards (clockwise) between open panels	Turn to fast scroll through currently focused area. Click to cycle between panels (files/browse/prepare/history/library)
2	LOAD PREPARE	Add selected track to your prepare panel	Cycle between panels (files/browse/prepare/history/library)
3	LOAD	Load selected track to corresponding deck. Tap twice for Instant Doubles	
4	SAMPLER VOLUME	Adjusts the SP-6 master volume	
5	SHIFT	SHIFT button is used with other buttons that have shift modifier functions	
6	BACK/UTILITY	Short press to move backwards (anti-clockwise) between open panels/Long press to launch utility setting mode (see Pioneer DDJ-SP1 hardware manual for more information)	Cycle through view modes (vertical/horizontal/extended/library)
7	PERFORMANCE PADS	Controls Performance Pad Modes (SEE PERFORMANCE PADS)	
8	HOT CUE	Activates Hot Cue Pad mode (SEE PERFORMANCE PADS)	Activates Hot Loop Pad mode (SEE PERFORMANCE PADS)
9	PARAM.1	Use to adjust additional parameters when using Performance Pads (SEE PERFORMANCE PADS)	Use to adjust additional parameters when using Performance Pads (SEE PERFORMANCE PADS)
10	SYNC	Sync On	Sync off
11	FX ON (BUTTONS 1-3)	Slot 1-3 Effect On/Off	Slot 1-3 select Effect
12	FX KNOBS (1-3)	Adjust Slot 1-3 FX Depth	Slot 1-3 select Effect
13	BEATS (knob)	Turn to adjust Beats Multiplier. Tap to the desired FX tempo. Press and hold to return to AUTO mode.	
14	TAP	Tap to the desired FX tempo. Press and hold to return to AUTO mode	Change between single FX and multi FX modes (SEE DJ-FX)

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

#	Pioneer DDJ-SP1 Control	Function	Shift
15	FX ASSIGN	Assign selected FX UNIT to deck 1 or 2	Assign selected FX UNIT to deck 3 or 4
16	DECK	Toggles controls between decks 1/3 and 2/4	Cycle REC/FX/SP-6 panels
17	SLIP	Activate Slip Mode (press again to deactivate)	Activates Relative mode (if supported)
18	CENSOR	Hold to activate Censor	Activates Internal mode (if supported)
19	AUTO LOOP	Press to turn auto loop ON/OFF. Turn to auto adjust loop length	Activate Serato Video control layer (SEE SERATO VIDEO)
20	SLICER	Activates Slicer Pad mode (SEE PERFORMANCE PADS)	Activates Manual Loop Pad mode (SEE PERFORMANCE PADS)
21	SAMPLER	Activates Sampler Pad mode (SEE PERFORMANCE PADS)	Activates Velocity Sampler Pad mode (SEE PERFORMANCE PADS)
22	ROLL	Activates Roll Pad mode (SEE PERFORMANCE PADS)	Activates Auto Loop Pad mode (SEE PERFORMANCE PADS)

## Performance Pads



The performance pads have eight different modes you can select. The first four modes are; Hot Cue, Roll, Slicer and Sampler.

- **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. Press **HOT CUE** twice to enable Flip performance mode.
- **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 Auto Loop section in the software, which you can change this using the **PARAM.1** buttons. **SEE LOOPING FOR MORE INFORMATION.**
- **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 **PARAM.1** to set the quantization for the slicer function. The quantization can be set in four ways: 1/8, 1/4, 1/2

and 1. **PARAM.2** (Hold **SHIFT** + **PARAM.1**) sets 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 **PARAM.1** to cycle through Sample Banks. Holding **SHIFT** and pressing buttons 1-6 will stop the sample playing. When a sample slot is empty, pressing the Buttons 1-6 + **SHIFT** will load the currently selected track in library panel to the corresponding sample slot.

The next four modes are activated by holding **SHIFT** and pressing the pad mode selection buttons. The next four modes are; Hot Loop, Auto Loop, Manual Loop and Velocity Sampler.

- **HOT LOOP mode:** Press buttons 1-8 to trigger your hot cues. it will also enable an auto loop after the selected Cue Point with the current auto loop length. Use the **PARAM.1** buttons to halve or double the loop length. **SEE LOOPING FOR MORE INFORMATION.**
- **AUTO LOOP mode:** When pressing buttons 1-8 you can activate an Auto Loop. The Loop Length is determined by the Auto Loop Range currently selected in the Auto Loop section in the software, which you can change this using the **PARAM.1** buttons. **SEE LOOPING FOR MORE INFORMATION.**
- **MANUAL LOOP mode:** Pressing buttons 1-8 can set, save and launch previously made Manual Loops. Use the **PARAM.1** buttons to halve or double the loop length. **SEE LOOPING FOR MORE INFORMATION.**
- **VELOCITY SAMPLER Mode:** Buttons 1-6 behave in the same way as the standard sampler mode described above. However, in Velocity Sampler mode the volume of the sample will be affected by the amount of pressure applied to the button.

# Looping

You have up to 8 loops per track in Serato DJ, and the choice between either manual or auto loops. When using your controller the four different looping modes, **ROLL mode**, **HOT LOOP mode**, **AUTO LOOP mode**, and **MANUAL LOOP Mode** can all be activated and controlled via the eight performance pads.

## Loop Roll Mode, Auto Loop Mode and Hot Loop Mode



Loop Roll Mode, Auto Loop Mode and Hot Loop Mode are three of the performance pad modes. Activate Loop Roll mode on the performance pads by pressing the **ROLL** button on your controller, press the **ROLL** button with **SHIFT** to activate Auto Loop Mode. Press the **HOT CUE** button with **SHIFT** to activate Hot Loops. **SEE PERFORMANCE PADS FOR MORE INFORMATION.**

DDJ-SP1 Control	Loop Roll Mode	Auto Loop Mode	Hot Loop Mode
Pads 1-8	Loop Roll ON/OFF	Auto Loop ON/OFF	Hot Loop ON/OFF
Pads 1-8 + SHIFT	Not Mapped	Not Mapped	Play from selected cue point without exiting loop
PARAM.1	Shift Loop Roll range	Shift Auto Loop range	Halve/Double loop length
PARAM.2 (PARAM.1 + SHIFT)		Shift Loop Left/Right	Shift Loop Left/Right
AUTO LOOP (knob)	Turn to adjust loop length	Turn to adjust loop length	Turn to adjust loop length


## Manual Loop Mode:

Manual Loop Mode is the last of the 4 looping modes. It enables you to manually set the length of your loops, save your loops as well as launch previously saved loops. Activate Manual Loop mode on the performance pads by holding the **SHIFT** button and pressing the **SLICER LOOP** button on your controller **SEE PERFORMANCE PADS FOR MORE INFORMATION.**



DDJ-SP1 Control	Manual Loop Mode	Shift
Pad 1	Not Mapped	
Pad 2	Turns selected loop ON/OFF	
Pad 3	Save loop to selected slot	
Pad 4	Scrolls up through available loop slots	
Pad 5	Start loop. Edit start of loop point (if Loop already active)	
Pad 6	End loop. Edit end of loop point (if Loop already active)	
Pad 7	First press turns selected loop ON and moves playhead to loops start point. Second press turns loop OFF	
Pad 8	Scrolls down through available loop slots	
PARAM.1	Halve/Double Loop length	Shift Loop to the Left/Right
PARAM.3	Use to adjust start/end of loop when editing a loop	

**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.

# 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-SP1 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	Slot 1 Select Effect
FX KNOB 2	Adjust FX Parameter 3	Adjust Slot 2 FX Parameter	Slot 2 Select Effect
FX KNOB 3	Adjust FX Parameter 5	Adjust Slot 3 FX Parameter	Slot 3 Select Effect

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)	Turn to adjust Beats Multiplier. Tap to the desired FX tempo. To return to AUTO mode, press and hold	Turn to adjust Beats Multiplier. Tap to the desired FX tempo. To return to AUTO mode, press and hold	
FX ASSIGN	Assign selected FX panel to deck 1 or 2	Assign selected FX panel to deck 1 or 2	Assign selected FX panel to deck 3 or 4
PARAM.3	Use to adjust start/end of loop when editing a loop		



# 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](http://serato.com/video)

The DDJ-SP1 has a separate layer of Serato Video controls. These can be activated by holding **SHIFT** and pressing down on the **AUTO LOOP** knob.

DDJ-SP1 Control	FX1 (left)	FX2 (right)	Shift
ON (Button 1)	Video Effect 1 On/Off	Video Effect 1 On/Off	Select Video Effect 1
ON (Button 2)	Video Effect 2 On/Off	Video Effect 2 On/Off	Select Video Effect 2
ON (Button 3)	Image FX On/Off	Text FX On/Off	Select Image/Text effect animation type
FX KNOB 1	Adjust Video Effect Parameter 1	Adjust Video Effect Parameter 1	Select Video Effect 1
FX KNOB 2	Adjust Video Effect Parameter 2	Adjust Video Effect Parameter 2	Select Video Effect 2
FX KNOB 3	Adjust Image FX Opacity	Adjust Text FX Opacity	Turn to select Image/Text effect animation type

TAP	Cycle through Video crossfader FX	Cycle through Video crossfader FX	Turn Crossfader Link ON/OFF
BEATS (knob)	Turn to scroll through Video crossfader FX	Turn to scroll through Video crossfader FX	

# 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/dj/flip>

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.

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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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