

**Pioneer**

**DJ Controller**

# **DDJ-SP1**

**serato** || **serato**  **DJ**

**<http://pioneeardj.com/support/>**

The Pioneer DJ support site shown above offers FAQs, information on software and various other types of information and services to allow you to use your product in greater comfort.

**<http://serato.com/>**

For the latest version of the Serato DJ software, access Serato.com and download the software from there.

**Operating Instructions (Advanced Edition)**

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# Contents

## How to read this manual

- Thank you for buying this Pioneer product.  
Be sure to read this booklet and the “Operating Instructions (Basic Edition)” included with this unit. Both include important information that should be fully understood before using this product.
- In this manual, names of screens and menus displayed on the product and on the computer screen, as well as names of buttons and terminals, etc., are indicated within brackets. (e.g.: [LOAD] button, [AUTO LOOP] control)
- Please note that the screens and specifications of the software described in this manual as well as the external appearance and specifications of the hardware are currently under development and may differ from the final specifications.
- Please note that depending on the operating system version, web browser settings, etc., operation may differ from the procedures described in this manual.

This manual consists mainly of descriptions of the functions of this unit as hardware. For details about operating the Serato DJ software, see the Serato DJ software’s manual, and for instructions on operating Serato DJ-certified devices, see the respective devices’ operating instructions.

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# Before start

## Features

This unit is a DJ controller that carries over the operability and reliability of Pioneer DJ equipment that has gained a high reputation among many professional DJs and clubs. It supports and is designed specifically for use with "Serato DJ", the DJ software by Serato. Adding this unit to a digital DJ system consisting of a Pioneer DJ player or turntable and a Serato DJ-supporting mixer, or a DJ controller and Serato DJ makes it possible to bring out the best in the performance functions provided by Serato DJ to achieve a wide variety of performance possibilities intuitively and with a highly operable interface.

Furthermore, this unit also supports "Serato Video", a plug-in software application adding video mixing control capabilities to Serato DJ, so video performances can be created with simple operations during DJ performances.

## "PERFORMANCE PADS"

This unit is equipped with large performance pads allowing the four functions of Serato DJ (Hot Cue, Roll, Slicer and Sampler) to be operated with dynamic actions (tapping, tapping repeatedly, etc.). The pads are in rubber, so they can be operated without getting tired, even during long performances. When using the Sampler mode, users can select one of four velocity curves to achieve dynamically inflected performances.

## Unique multi-facet design & Professional Build Quality

In consideration of portability and installation in DJ booths, this unit has a thin, horizontally long 2-deck, 2-effect unit style maximizing the performance of Serato DJ. In addition, aluminum material is used for the top panel to achieve robustness and a design with a solid, luxurious look. Furthermore, rubber is used for the pads and knobs, making for not only high sense of quality but also high operability.

## "Serato DJ" Supported

This unit supports the "Serato DJ" software, which offers a great number of functions required for DJ performances. All of this unit's buttons and controls are preset to work with the software, so DJ performances can be conducted simply by connecting this unit to a computer. In addition, Pioneer has collaborated with Serato to jointly develop the "Slip" function.

### "SLIP MODE"

This unit is equipped with a "Slip Mode" function with which the music continues in the background while loops, hot cues, etc., are being played. This enables DJ performances that leave the development of the original music unchanged, even after loops, hot cues, etc., have finished playing.

## "Serato Video" Supported

This unit supports Serato Video, a plug-in software application adding video mixing control capabilities to Serato DJ. The unit is equipped with a "Serato Video control mode" for controlling the video effects, transition effects, etc., offered by Serato Video, and Serato Video can be operated intuitively using this unit's buttons and controls.

## Operating environment

The equipment and software below are required in order to operate this unit.

### DJ controller or DJ mixer

A separate Serato DJ-certified mixer (e.g. DJM-900SRT) or controller (e.g. DDJ-S1) is required.

### Serato DJ software

Serato DJ is a DJ software application by Serato. DJ performances are possible by connecting the computer on which this software is installed to this unit.

- Serato DJ is not included with this unit. Download the latest version of Serato DJ from the Serato site below.  
<http://serato.com/>
- For information on the Serato DJ software, contact Serato.

### Computer on which the Serato DJ software operates

A USB 2.0 port is required to connect the computer with this unit. A total of two USB 2.0 ports are required on the computer: one for this unit, one for the Serato DJ-certifiable DJ mixer or DJ controller.

### Environment allowing connection to the Internet

An environment allowing connection to the Internet is required for such operations as downloading Serato DJ and Serato Video.

Note on using an Internet connection

- A separate contract with and payment to a provider offering Internet services is required.

## About the Serato Video software

Serato Video is a software plug-in for Serato DJ allowing DJ performances with sound and video.

### Minimum operating environment

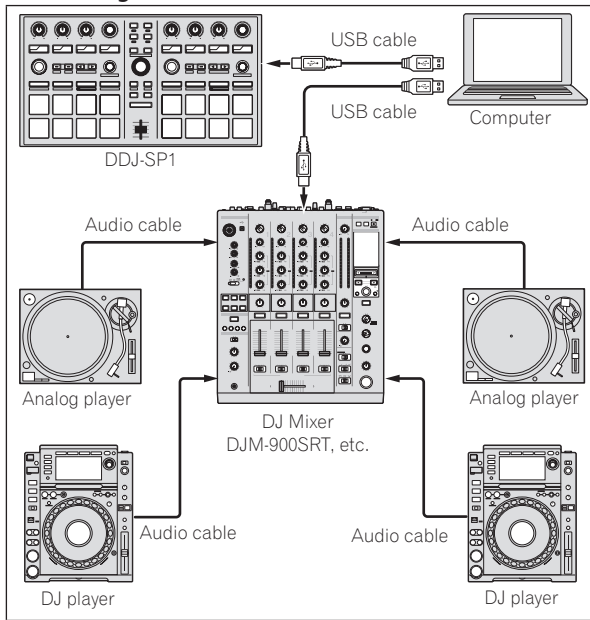
	Windows	Mac
Operating system	Microsoft Windows 7	Mac OS X: 10.8, 10.7 and 10.6
CPU	Intel® processor, Core™ Duo 2.0 GHz or greater	
Required memory	2 GB or more of RAM	
Free space on hard disk	5 GB or greater	
Graphics card	NVIDIA GeForce® 8400 or higher, or ATI Radeon™ X1650 or higher	

- For the latest information on the required operating environment for Serato Video, see "**Software Info**" under "**DDJ-SP1**" on the Pioneer DJ support site.  
<http://pioneerdj.com/support/>
- Operation is not guaranteed on all computers, even if all the required operating environment conditions indicated here are fulfilled.
- Depending on the computer's status (power savings setting, etc.), the processing capabilities of the CPU or hard disk may be insufficient. When using a notebook computer in particular, always use Serato Video with the computer connected to an AC power source and set to the high performance mode.
- Operating System support assumes you are using the latest point release for that version.

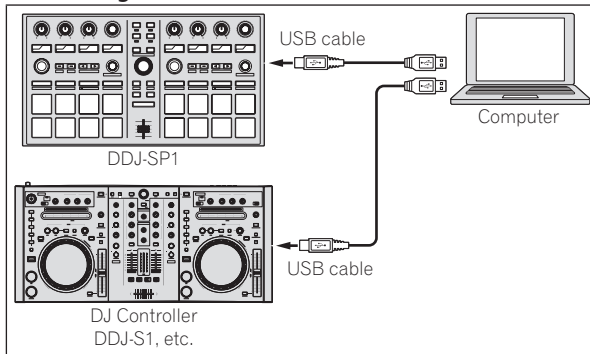
# Connections and part names

## Connections

### When using in combination with a DJ mixer

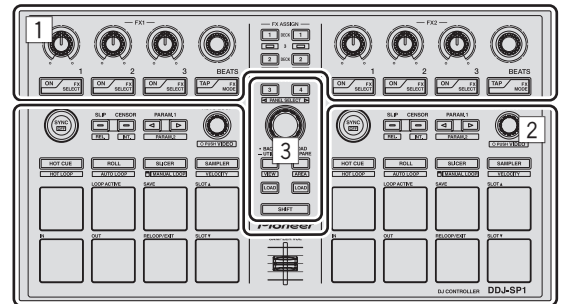


### When using in combination with a DJ controller



## Part names and functions

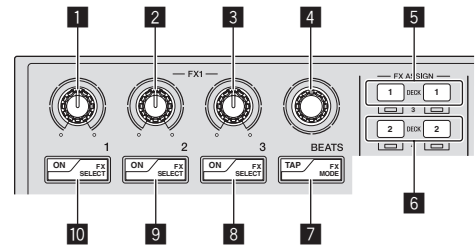
The typical functions of the buttons and controls when using Serato DJ are described below.



- 1 Effect section
- 2 Deck section
- 3 Browser section

## Effect section

### ❖ When the Serato Video control mode is off



There are two DJ-FX modes for Serato DJ effects, the "single FX mode" and the "multi FX mode". The items that can be adjusted depend on which mode is set.

- Multi FX mode: Up to three effects can be selected per effect unit, and each effect has one adjustable parameter.
- Single FX mode: One effect can be selected per effect unit and there are multiple adjustable parameters.

### 1 Effect parameter 1 control

Multi FX mode:  
Adjusts the first effect's parameter.

Single FX mode:  
Adjusts effect parameter 1.

### 2 Effect parameter 2 control

Multi FX mode:  
Adjusts the second effect's parameter.

Single FX mode:  
Adjusts effect parameter 2.

### 3 Effect parameter 3 control

Multi FX mode:  
Adjusts the third effect's parameter.

Single FX mode:  
Adjusts effect parameter 3.

### 4 FX BEATS control

Adjusts the effect time.

**5 FX ASSIGN 1 buttons**

Press:

The button on the left turns FX1 on and off for deck 1.  
The button on the right turns FX2 on and off for deck 1.

**[SHIFT]** + press:

The button on the left turns FX1 on and off for deck 3.  
The button on the right turns FX2 on and off for deck 3.

**6 FX ASSIGN 2 buttons**

Press:

The button on the left turns FX1 on and off for deck 2.  
The button on the right turns FX2 on and off for deck 2.

**[SHIFT]** + press:

The button on the left turns FX1 on and off for deck 4.  
The button on the right turns FX2 on and off for deck 4.

**7 TAP button**

Press:

When the **[TAP]** button is pressed three times or more while in the auto-tempo mode, the mode switches to the manual tempo mode.  
When the **[TAP]** button is pressed for over 1 second while in the manual-tempo mode, the mode switches to the auto tempo mode.

↪ *Switching the effect's tempo mode (p.9)*

**[SHIFT]** + press:

Switches the DJ-FX mode. The mode switches between the multi FX mode and single FX mode each time the button is pressed.

**8 Effect parameter 3 button**

Multi FX mode:

Press:

Turns the third effect on and off.

**[SHIFT]** + press:

Switches the third effect's type.

Single FX mode:

Press:

Switches effect parameter 5 or turns the effect parameter on and off.

**[SHIFT]** + press:

Switches the effect type.

**9 Effect parameter 2 button**

Multi FX mode:

Press:

Turns the second effect on and off.

**[SHIFT]** + press:

Switches the second effect's type.

Single FX mode:

Press:

Switches effect parameter 4 or turns the effect parameter on and off.

**[SHIFT]** + press:

Switches the effect type.

**10 Effect parameter 1 button**

Multi FX mode:

Press:

Turns the first effect on and off.

**[SHIFT]** + press:

Switches the first effect's type.

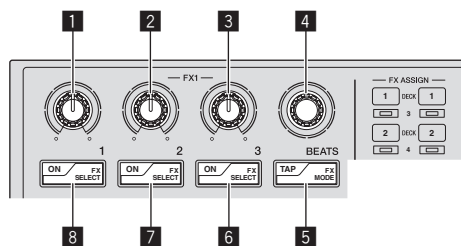
Single FX mode:

Press:

Turns the effect on/off.

**[SHIFT]** + press:

Switches the effect type.

**❖ When the Serato Video control mode is on**

When using Serato Video, when the Serato Video control mode is on, some of the controls and buttons in the effect section can be used to operate Serato Video functions.

**1 Effect parameter 1 control**

Adjusts the video effect slot 1 video effect.

↪ *Switching to the Serato Video control mode (p.17)*

**2 Effect parameter 2 control**

Adjusts the video effect slot 2 video effect.

**3 Effect parameter 3 control**

Control on left: Adjusts the image effect's opacity.

Control on right: Adjusts the text effect's opacity.

**4 FX BEATS control**

Switches the fader transition type.

**5 TAP button**

Press:

The fader transition type switches in order each time the **[TAP]** button is pressed.

**[SHIFT]** + press:

Turns the fader transition crossfader link on and off.

**6 Effect parameter 3 button**

Press:

Button on left: Turns the image effect on and off.

Button on right: Turns the text effect on and off.

**[SHIFT]** + press:

Button on left: Switches the image effect's animation.

Button on right: Switches the text effect's animation.

**7 Effect parameter 2 button**

Press:

Turns the video effect slot 2 video effect on and off.

**[SHIFT]** + press:

Switches the video effect slot 2 effect type.

**8 Effect parameter 1 button**

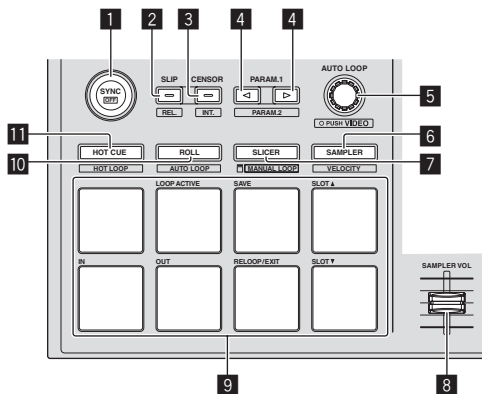
Press:

Turns the video effect slot 1 video effect on and off.

**[SHIFT]** + press:

Switches the video effect slot 1 effect type.

## Deck section



### 1 SYNC button

Press:

The tempos (pitches) and beat grids between tracks on multiple decks can be synchronized automatically.

[SHIFT] + press:

Cancels the sync mode.

### 2 SLIP button

Press:

Turns the slip mode on and off.

[SHIFT] + press:

Sets Serato DJ to the relative mode.

### 3 CENSOR button

Press:

The track is played in the reverse direction while the [CENSOR] button is pressed, and normal playback resumes when the button is released.

[SHIFT] + press:

Sets Serato DJ to the internal mode.

### 4 PARAM.1/PARAM.2 button

Press:

Sets a parameter for the loop roll, auto loop, slicer, manual loop and sampler modes.

[SHIFT] + press:

Sets a different parameter for the auto loop, slicer and manual loop modes.

☞ *Using the performance pads (p.10)*

### 5 AUTO LOOP control

Turn:

Selects the auto loop loop beat.

Press:

Turns the auto loop function on and off.

[SHIFT] + press:

Switches to the mode for using Serato Video.

### 6 SAMPLER mode button

Press:

Sets the sampler mode.

[SHIFT] + press:

Sets the sampler velocity mode.

☞ *Using the sampler velocity mode (p.13)*

### 7 SLICER mode button

Press:

Sets the slicer mode.

- The mode switches between slicer mode 1 and slicer mode 2 each time the button is pressed.
  - To cancel the slicer mode, press one of the [ROLL] mode, [SAMPLER] mode or [HOT CUE] mode buttons.
- ☞ *Using the Slicer function (p.11)*

[SHIFT] + press:

Sets the manual loop mode.

☞ *Using manual loops (p.12)*

### 8 SAMPLER VOLUME fader

Adjusts the sampler's overall sound level.

### 9 Performance pads

Used for hot cue, hot loop, loop roll, auto loop, slicer, manual loop and sampler playback.

### 10 ROLL mode button

Press:

Sets the roll mode.

[SHIFT] + press:

Sets the auto loop mode.

☞ *Using auto loops (p.12)*

### 11 HOT CUE mode button

Press:

Sets the hot cue mode.

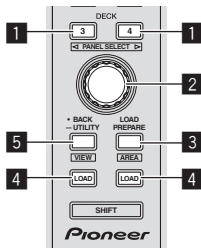
☞ *Using hot cues (p.10)*

[SHIFT] + press:

Sets the hot loop mode.

☞ *Using hot loops (p.12)*

## Browser section



### 1 DECK button

Press:

Selects the deck to be used.

The **[DECK]** button lights when deck 3 or deck 4 is selected. It does not light when deck 1 or deck 2 is selected.

**[SHIFT]** + press:

Selects and opens the **[REC]** panel, **[DJ-FX]** panel or **[SP-6]** panel.

### 2 Rotary selector

Turn:

The cursor in the library or on the **[CRATES]** panel moves up and down.

Press:

The cursor moves between the **[CRATES]** panel and library each time the rotary selector is pressed.

The cursor on the **[Files]** panel moves to a lower layer.

The cursor on the **[Browse]** panel moves to the next category.

### 3 LOAD PREPARE (AREA) button

Press:

Loads tracks to the **[Prepare]** panel.

**[SHIFT]** + press:

Selects and opens the **[Files]** panel, **[Browse]** panel, **[Prepare]** panel or **[History]** panel.

### 4 LOAD button

Press:

Loads the selected track onto the currently selected deck.

- When the **[LOAD]** button is pressed twice, the tracks loaded in the selected deck on the opposite side are loaded into the deck whose **[LOAD]** button was pressed. When this is done while a track is playing, the track is played from the same position. (Instant Double)

### 5 BACK button

Press:

The cursor moves between the **[CRATES]** panel and library each time the button is pressed.

Press for over 1 second:

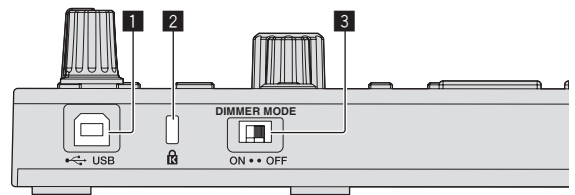
Switches to the utilities mode.

➔ *Changing this unit's settings* (p.20)

**[SHIFT]** + press:

Switches the Serato DJ layout.

## Main unit side panel



### 1 USB port

Connect to a computer.

- USB hubs cannot be used.

### 2 Kensington security slot

### 3 DIMMER switch

ON: Sets the LED's brightness to dim.

OFF: Sets the LED's brightness to bright.

- Power consumption can be decreased by setting the LED's brightness to dim.

Disconnect the USB cable connected to this unit before switching the **[DIMMER]** switch from the **[ON]** position to the **[OFF]** position.

The indicators will not get brighter if the switch is set to the **[OFF]** position while the USB cable is connected.

# Basic Operation

## Starting the system

The computer and Serato DJ-certifiable DJ controller or DJ mixer must be connected beforehand.

- For instructions on operating the Serato DJ software and the Serato DJ-certifiable DJ mixer or DJ controller, see their respective operating instructions.

**1 Connect the Serato DJ-certifiable DJ mixer or DJ controller to the computer by USB cable.**

**2 Turn on the computer's power.**

**3 Turn on the power of the Serato DJ-certifiable DJ mixer or DJ controller.**

**4 Launch Serato DJ.**

- When using Windows 7  
From the Windows [Start] menu, click the [Serato DJ] icon under [All Programs] > [Serato] > [Serato DJ].
- For Mac OS X  
In Finder, open the [Applications] folder, then click the [Serato DJ] icon.

**5 Connect this unit to your computer via a USB cable.**

When this unit and Serato DJ are properly connected, this unit's pad mode button (by default the [HOT CUE] mode button) lights.

- This unit operates with the operating system's standard driver. There is no need to install separate driver software for this unit.

## Importing tracks

Operate the Serato DJ software to add tracks to the library.

- For instructions on operating the Serato DJ software and the Serato DJ-certifiable DJ mixer or DJ controller, see their respective operating instructions.

## Loading tracks

**1 Press this unit's [BACK] button or rotary selector and move the cursor to the crates panel on the computer's screen.**

**2 Turn the rotary selector to select the crate, etc.**

**3 Press the rotary selector and move the cursor to the library on the computer's screen.**

**4 Turn the rotary selector and select the track.**

**5 Press the [LOAD] button to load the selected track onto the deck.**

To load the track onto deck 3 or deck 4, first press the [DECK] button so that it lights. The deck onto which tracks are loaded is associated with deck selection.

## Playing tracks

Operate the DJ player, analog player, DJ controller, etc., to play the track.

- For instructions on operating the Serato DJ software and the Serato DJ-certifiable DJ mixer or DJ controller, see their respective operating instructions.

## Using the performance pads

The performance pads control the hot cue, hot loop, loop roll, auto loop, slicer, manual loop and sampler functions.

These functions are switched using the respective pad mode buttons (the [HOT CUE] mode button, [ROLL] mode button, [SLICER] mode button and [SAMPLER] mode button).

This example describes using the hot cue mode.

- For ways to use the other pad modes, see *Using the performance pads* on page 10.

**1 Press the [HOT CUE] mode button.**

The [HOT CUE] mode button lights and the mode switches to the hot cue mode.

**2 In the play or pause mode, press a performance pad to set the hot cue point.**

When a hot cue point is set, that performance pad lights.

**3 Press the performance pad at which the hot cue point was set.**

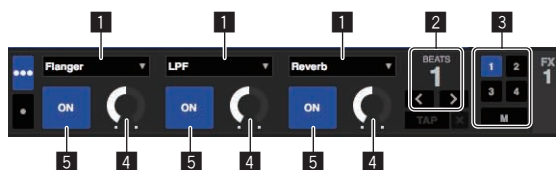
Playback starts from the hot cue point.

## Using effects

Serato DJ includes two effects units, FX1 and FX2. These effects can be applied to the overall sound or to the sound of the selected deck. Here we describe the procedure for operating this unit to assign effects unit 1 (FX1) when Serato DJ's DJ-FX mode is set to the multi-FX mode.

For details, see *Advanced Operation* on page 10.

### Serato DJ effects unit screen display



**1** This displays the currently selected type of effect.

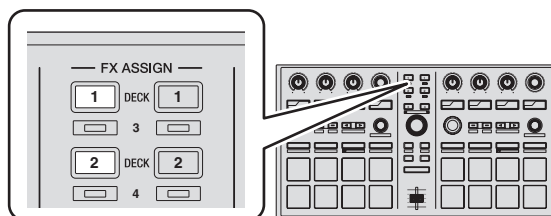
**2** This displays the effect time.

**3** The number of the deck to which that effects unit is assigned is highlighted.

**4** This displays the effect parameter status.

**5** This displays whether the effect is on or off.

**1 Press the [FX ASSIGN] button on the left side to select the deck to which the effect is to be assigned.**



Press the [FX ASSIGN] 1 button to assign the effect to deck 1, the [FX ASSIGN] 2 button to assign the effect to deck 2.

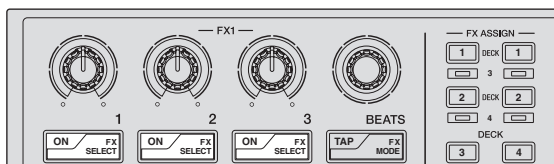
- Press the [FX ASSIGN] 1 button while pressing the [SHIFT] button to assign the effect to deck 3, press the [FX ASSIGN] 2 button while pressing the [SHIFT] button to assign the effect to deck 4.
- To apply the effects to the overall (master) sound, click [M] on the computer.



## 2 Press the effect parameter 1 button while pressing the [SHIFT] button to select the first effect type.

To select the second effect type, press the effect parameter 2 button while pressing the [SHIFT] button.

To select the third effect type, press the effect parameter 3 button while pressing the [SHIFT] button.

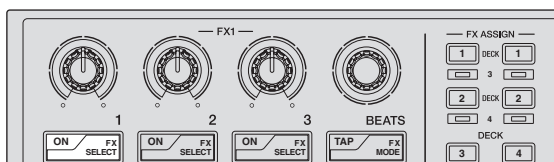


The currently selected effect type is displayed on the Serato DJ screen.

## 3 Press the effect parameter 1 button to turn the first effect on.

Press the effect parameter 2 button to turn the second effect on.

Press the effect parameter 3 button to turn the third effect on.

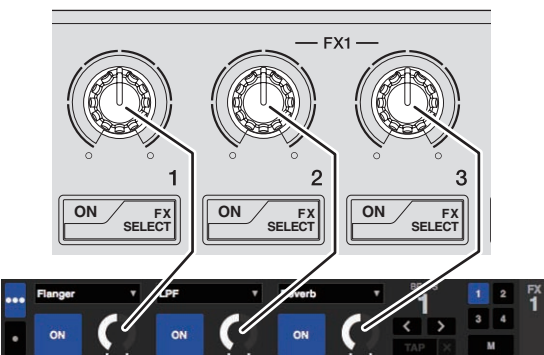


The [ON] button of the corresponding effect is highlighted on the Serato DJ screen.

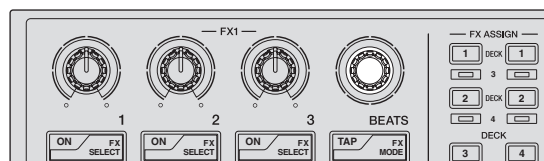
## 4 Operate the effect parameter 1 control to adjust the parameter of the first effect.

Operate the effect parameter 2 control to adjust the parameter of the second effect.

Operate the effect parameter 3 control to adjust the parameter of the third effect.



## 5 Turn the [FX BEATS] control to adjust the effect time.



## Switching the effect's tempo mode

With Serato DJ effects, there are two ways to set the effect's tempo: with the "auto tempo mode" and the "manual tempo mode".

- By default, the auto tempo mode is set.

### Auto tempo mode

The track's BPM value is used as the basis for the effect's tempo.

### Manual tempo mode

The BPM value used as the effect's basis is calculated from the interval at which the [TAP] button is tapped.

### Switching to the manual tempo mode

While in the auto tempo mode, press the [TAP] button three times.

- When the [TAP] button is pressed for over 1 second while in the manual-tempo mode, the mode switches to the auto tempo mode.

## Quitting the system

### 1 Quit Serato DJ.

When the software is closed, a message for confirming that you want to close it appears on the computer's screen. Click [Yes] to close.

### 2 Disconnect the USB cable from your computer.

# Advanced Operation

The descriptions from this point on are for functions not described in the Serato DJ software manual that are specifically for when this unit and Serato DJ are used in combination.

## Using auto loops

There are two ways to perform the auto loop operation: using the performance pads and using the [AUTO LOOP] control.

- Auto loops can also be operated using the performance pads. For details, see *Using auto loops* on page 12.

### 1 During playback, turn the [AUTO LOOP] control.

Sets the loop length by the specified number of beats.

### 2 Press the [AUTO LOOP] control.

A loop with the set number of beats is created automatically according to the BPM of the currently playing track and loop playback begins.

- Even during auto looping, the loop length can be adjusted by turning the [AUTO LOOP] control.

## Canceling auto looping

### During auto looping, press the [AUTO LOOP] control.

When the loop out point is reached, playback does not return to the loop in point but continues normally.

## Using the performance pads

### Using hot cues

With this function, playback can be started instantaneously from the position at which a hot cue is set.

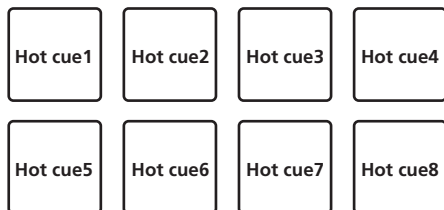
- Up to eight hot cue points can be set and saved per track.

### 1 Press the [HOT CUE] mode button.

The [HOT CUE] mode button lights and the mode switches to the hot cue mode.

### 2 In the play or pause mode, press a performance pad to set the hot cue point.

The hot cue points are assigned to the respective performance pads as shown below.



### 3 Press the performance pad at which the hot cue point was set.

Playback starts from the hot cue point.

- Set hot cue points can be cleared by pressing a performance pad while pressing the [SHIFT] button.

## Using the Loop Roll function

When a performance pad is pressed, a loop with the number of beats assigned to that pad is set and loop playback continues as long as the pad is being pressed.

During loop roll playback, normal playback with the original rhythm continues in the background. When loop roll playback is canceled, playback resumes from the position reached in the background at the point loop roll playback was canceled.

### 1 Press the [ROLL] mode button.

The [ROLL] mode button lights and the mode switches to the roll mode.

### 2 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button.

The loop roll beats assigned to the performance pads switch each time one of the buttons is pressed.

The following four settings can be made:

- ① 4 beats from 1/32
- ② 8 beats from 1/16
- ③ 16 beats from 1/8
- ④ 32 beats from 1/4

For example, with the "8 beats from 1/16" setting, the pads' settings are as shown below.



The range of beats set for the loop roll is displayed on the computer's screen.



### 3 Press and hold one of the performance pads.

A loop roll with the number of beats assigned to the pad that was pressed is played. Playback continues in the background during loop roll playback.

- The number beats in the currently playing loop roll can be changed by turning the [AUTO LOOP] control during loop roll playback.

### 4 Release the performance pad.

Loop roll playback is canceled, and playback resumes from the position reached in the background.

## Using the Slicer function

The specified range is divided into eight equal sections, and these eight sliced sections are assigned to the respective performance pads. While one of the performance pads is pressed, the sound for the section assigned to that pad is played in a loop.

While the sound for the section assigned to the pad is playing in a loop, playback with the original rhythm continues in the background. When the pad is released and loop playback stops, playback resumes from the position reached in the background at that point.

- The slicer function cannot be used with tracks for which no beatgrid is set. For details on setting beatgrids, see the Serato DJ software manual.

### 1 Press the [SLICER] mode button.

The [SLICER] mode button lights and the mode switches to slicer mode 1.

### 2 Press the [SLICER] mode button to select the slicer mode.

The mode switches between slicer mode 1 and slicer mode 2 each time the button is pressed.

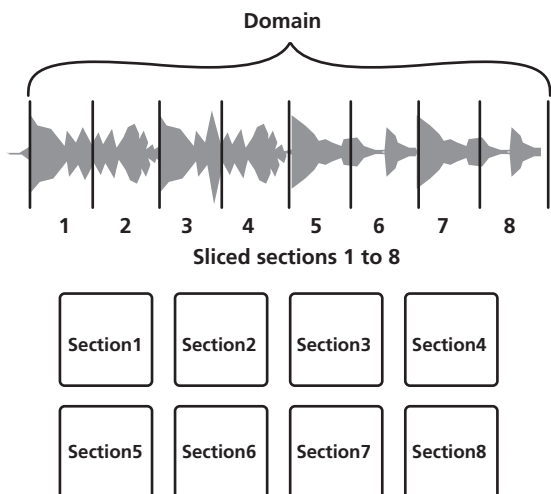
➔ *About slicer mode 1 and slicer mode 2 (p.11)*

### 3 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button while pressing the [SHIFT] button.

Set the domain for the slicer function. The value set for the domain switches each time one of the buttons is pressed while pressing the [SHIFT] button.

The domain can be set to one of six settings: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats.

The eight equal sections into which the range specified with the domain setting have been sliced are assigned to the respective performance pads as shown below.



### 4 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button.

Set the quantization for the slicer function. The value set for the quantization switches each time one of the buttons is pressed.

The quantization can be set in four ways: 1/8, 1/4, 1/2 and 1.

The length of the loop which is played while the pad is being pressed can be changed with the "QUANTIZATION" setting. For example, when "QUANTIZATION" is set to "1", the entire section assigned to the pad is played in a loop, and when "QUANTIZATION" is set to "1/2", only the first half of the section assigned to the pad is played in a loop.

### 5 Press and hold one of the performance pads.

When the pad is pressed and held, the sound is played in a loop.

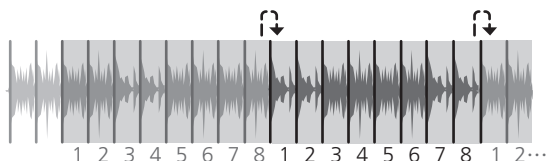
- The length of loop playback differs depending on the quantization setting.

When the pad is released, the track returns to the position that is playing in the background.

## ❖ About slicer mode 1 and slicer mode 2

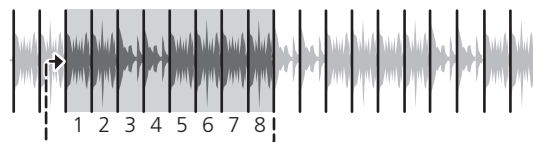
### Slicer mode 1

When the playback position advances to the end of the range that has been sliced into eight equal sections, the range shown on the display switches to the next eight sliced sections, and these sliced sections are assigned to the respective pads, replacing the previously assigned sections.



### Slicer mode 2

When the playback position advances to the end of the range that was sliced into eight equal parts, the playback position returns to the beginning of the range that was sliced into eight equal parts.



## Using the sampler function

Tracks loaded in the sampler slots of the sampler (SP-6) can be played with the performance pads.

### 1 Press the left or right [DECK] button while pressing the [SHIFT] button to open the [SP-6] panel on the computer's screen.

### 2 Press the [SAMPLER] mode button.

The [SAMPLER] mode button lights and the mode switches to the sampler mode.

### 3 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button.

Switch the sampler (SP-6) bank. The sampler has four banks, A, B, C and D, and each bank has six slots.

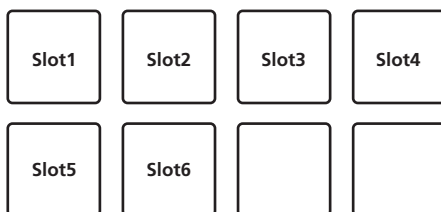
### 4 Select the track from the library on the computer's screen, then press a performance pad while pressing the [SHIFT] button.

The selected track is loaded into the sample slot.

With the Serato DJ software, when a track is loaded into the sampler slot, that setting is held.

### 5 Press a performance pad.

The sound for the slot assigned to the pad that was pressed is played.



- When a performance pad is pressed while pressing the [SHIFT] button, the sound of the slot that is currently playing stops.

## Using hot loops

With this function, loops can be saved and called out.

- Only the loop in point is actually saved. Up to eight hot loops can be set and saved per track.

### 1 Press the [HOT CUE] mode button while pressing the [SHIFT] button.

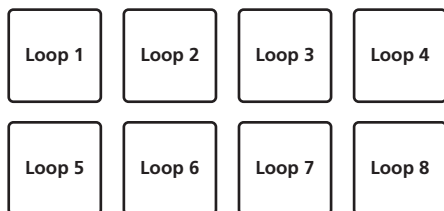
The [HOT CUE] mode button flashes, and the unit switches to the hot loop mode.

### 2 During playback, press a performance pad.

The loop in point is set at the hot cue slot and loop playback starts.

- The length of the loop at this time is the number of beats set for auto looping.

The loop in points are assigned to the performance pads as shown below.



- With the hot loop function, the hot cue point is used as the loop in point.  
If a performance pad at which a hot cue point is already set is pressed, loop playback starts from that hot cue point.

### 3 During loop playback, press the [PARAM.1/PARAM.2◀] button.

The loop length is cut in half.

The same effect can be achieved by turning the [AUTO LOOP] control counterclockwise.

### 4 During loop playback, press the [PARAM.1/PARAM.2▶] button.

The loop length is doubled.

The same effect can be achieved by turning the [AUTO LOOP] control clockwise.

### 5 During loop playback, press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button while pressing the [SHIFT] button.

The loop moves, remaining the same length (loop shift).

### 6 While pressing the [SHIFT] button, press the same performance pad.

The track returns to the set loop in point and loop playback continues.

### 7 Press the same performance pad again.

Loop playback is canceled.

## Using auto loops

When a performance pad is pressed, a loop with the number of beats assigned to the pad is set, and loop playback continues even when you release your finger from the pad.

### 1 Press the [ROLL] mode button while pressing the [SHIFT] button.

The [ROLL] mode button flashes and the unit switches to the auto loop mode.

### 2 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button.

The auto loop beats assigned to the performance pad switch each time one of the button is pressed.

The following four settings can be made:

- ① 4 beats from 1/32
- ② 8 beats from 1/16
- ③ 16 beats from 1/8
- ④ 32 beats from 1/4

For example, when set to "16 beats from 1/8", the pad's setting is as shown below.



The beat range set for auto looping is displayed on the computer's screen.

### 3 Press a performance pad.

A loop with the number of beats assigned to the pad that was pressed is played.

### 4 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button while pressing the [SHIFT] button.

The loop moves, remaining the same length (loop shift).

### 5 Press the same performance pad again.

Loop playback is canceled.

## Using manual loops

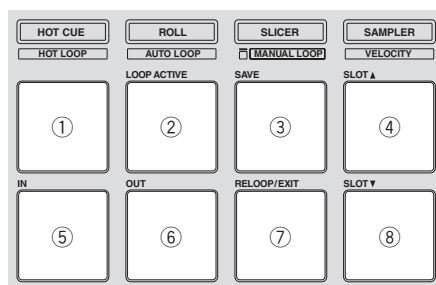
With this function, any section of the track can be played in a loop.

### 1 Press the [SLICER] mode button while pressing the [SHIFT] button.

The [SLICER] mode button flashes and the unit switches to the manual loop mode.

In the manual loop mode, the respective performance pads function as described below.

Pad 1	Not used
Pad 2	Loop active (no move to loop in point)
Pad 3	Save loop in free loop slot (for auto loops only)
Pad 4	Move cursor among loop slots (upwards)
Pad 5	Set loop in point
Pad 6	Set loop out point
Pad 7	Resume loop playback/cancel loop playback
Pad 8	Move cursor among loop slots (downwards)



### 2 Press pad 4 or pad 8 to select the loop slot at which you want to save the loop.

When the loop is set, it is automatically saved in the loop slot selected here.

If a new loop is set while a loop slot at which a loop is saved is selected, the saved loop is overwritten with the new loop.

### 3 Press pad 5 during playback or while pausing.

Loop In Point is set.

### 4 Press pad 6.

The loop out point is set, and loop playback begins.

To cancel loop playback, press pad 2 or pad 7.

### 5 During loop playback, press the [PARAM.1/PARAM.2◀] button.

The loop length is cut in half.

### 6 During loop playback, press the [PARAM.1/PARAM.2▶] button.

The loop length is doubled.

### 7 Press the [PARAM.1/PARAM.2◀] or [PARAM.1/PARAM.2▶] button while pressing the [SHIFT] button.

The loop moves, remaining the same length (loop shift).

#### ❖ Calling out saved loops

#### 1 Press pad 4 or pad 8 to select the loop slot.

#### 2 Press pad 7.

The loop is called out from the selected loop slot and loop playback resumes.

To turn the loop function on without moving to the loop in point, press pad 2.

#### ❖ Fine-adjusting the loop in point (loop in adjust)

#### 1 During loop playback, press pad 5.

Pad 5 flashes and the unit switches to the loop in point adjustment mode.

#### 2 Turn the [AUTO LOOP] control.

Fine-adjust the loop in point.

#### 3 Press pad 5 again.

The loop in point adjustment mode is canceled and the unit returns to normal loop playback.

#### ❖ Fine-adjusting the loop out point (loop out adjust)

#### 1 During loop playback, press pad 6.

Pad 6 flashes and the unit switches to the loop out point adjustment mode.

#### 2 Turn the [AUTO LOOP] control.

Fine-adjust the loop out point.

#### 3 Press pad 6 again.

The loop out point adjustment mode is canceled and the unit returns to normal loop playback.

## Using the sampler velocity mode

When the sampler velocity mode is on, the sample volume level changes according to the strength with which the performance pads are tapped. The volume level increases when the performance pads are tapped strongly, decreases when they are tapped weakly.

When the sampler velocity mode is off, the sound is triggered at the volume level set with the Serato DJ software, regardless of the strength with which the performance pads are tapped.

## Turning the sampler velocity mode on

When the [SAMPLER] mode button is pressed while pressing the [SHIFT] button, the [SAMPLER] mode button flashes and the sampler velocity mode turns on.

## Turning the sampler velocity mode off

When the [SAMPLER] mode button is pressed, the [SAMPLER] mode button stops flashing, remaining lit, and the mode switches to the normal sampler mode (the sampler velocity mode turns off).

- In the utilities mode, the velocity curve and after-touch function can be set.

When after-touch is enabled, the sample's volume level changes while the performance pad is pressed according to the strength at which the pad is pressed. Also, in the utilities mode, the method for entering the sampler velocity mode can be changed.

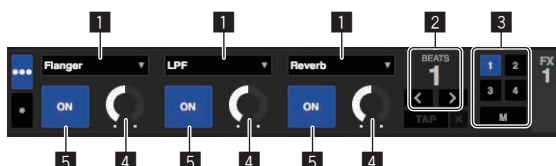
For details, see *Changing this unit's settings* on page 20.

## Using effects

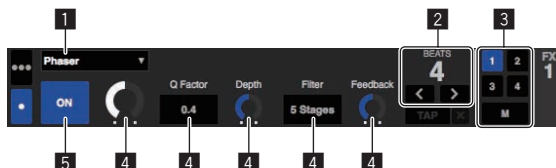
Serato DJ includes two effect units: FX1 and FX2. Their effects can be applied to the overall sound or to the selected deck. Here we explain how to operate this unit to assign effect unit 1 (FX1).

### Serato DJ effects unit screen display

Multi FX mode: Up to three effects can be selected per effect unit, and each effect has one adjustable parameter.



Single FX mode: One effect can be selected per effect unit and there are multiple adjustable parameters.



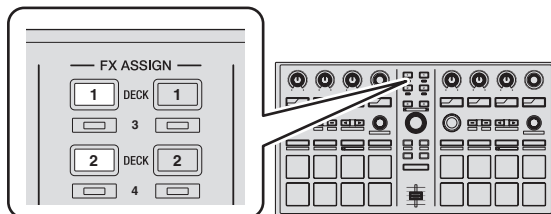
- This displays the currently selected type of effect.
- This displays the effect time.
- The number of the deck to which that effects unit is assigned is highlighted.
- This displays the effect parameter status.
- This displays whether the effect is on or off.

## Operating in the multi FX mode

### 1 Press the [TAP] button while pressing the [SHIFT] button to switch Serato DJ's DJ-FX mode to the multi FX mode.

The mode switches between the multi FX mode and single FX mode each time the buttons are operated.

### 2 Press the [FX ASSIGN] button on the left side to select the deck to which the effect is to be assigned.



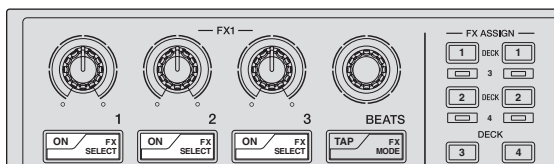
Press the [FX ASSIGN] 1 button to assign the effect to deck 1, the [FX ASSIGN] 2 button to assign the effect to deck 2.

- Press the [FX ASSIGN] 1 button while pressing the [SHIFT] button to assign the effect to deck 3, press the [FX ASSIGN] 2 button while pressing the [SHIFT] button to assign the effect to deck 4.
- To apply the effects to the overall (master) sound, click [M] on the computer.

### 3 Press the effect parameter 1 button while pressing the [SHIFT] button to select the first effect type.

To select the second effect type, press the effect parameter 2 button while pressing the [SHIFT] button.

To select the third effect type, press the effect parameter 3 button while pressing the [SHIFT] button.

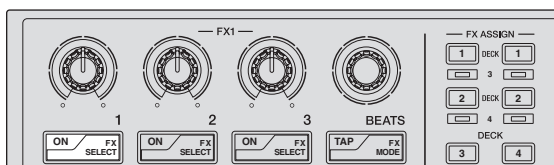


The currently selected effect type is displayed on the Serato DJ screen.

### 4 Press the effect parameter 1 button to turn the first effect on.

Press the effect parameter 2 button to turn the second effect on.

Press the effect parameter 3 button to turn the third effect on.

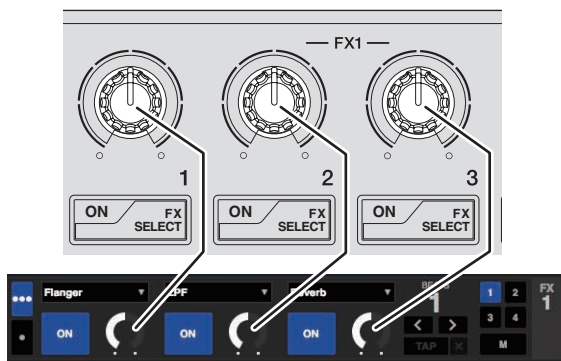


The [ON] button of the corresponding effect is highlighted on the Serato DJ screen.

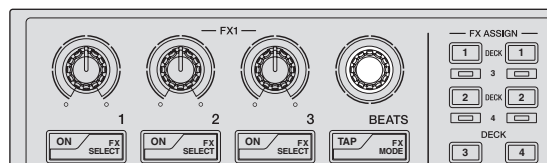
### 5 Operate the effect parameter 1 control to adjust the parameter of the first effect.

Operate the effect parameter 2 control to adjust the parameter of the second effect.

Operate the effect parameter 3 control to adjust the parameter of the third effect.



### 6 Turn the [FX BEATS] control to adjust the effect time.



- It is also possible to set the BPM value to be used as the basis for the effect time from the interval at which the [TAP] button is tapped.

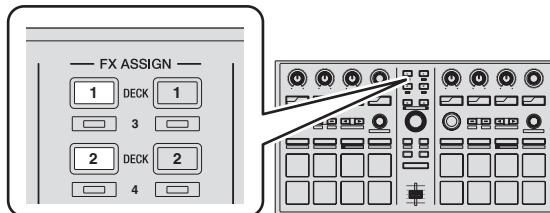
For details, see *Switching the effect's tempo mode* on page 9.

## Operating in the single FX mode

### 1 Press the [TAP] button while pressing the [SHIFT] button to switch Serato DJ's DJ-FX mode to the single FX mode.

The mode switches between the multi FX mode and single FX mode each time the buttons are operated.

### 2 Press the [FX ASSIGN] button on the left side to select the deck to which the effect is to be assigned.



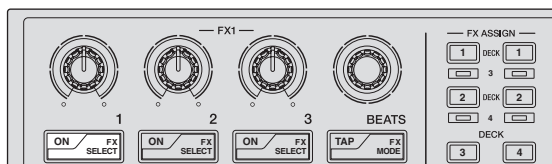
Press the [FX ASSIGN] 1 button to assign the effect to deck 1, the [FX ASSIGN] 2 button to assign the effect to deck 2.

- Press the [FX ASSIGN] 1 button while pressing the [SHIFT] button to assign the effect to deck 3, press the [FX ASSIGN] 2 button while pressing the [SHIFT] button to assign the effect to deck 4.

### 3 Press one of the effect parameter buttons while pressing the [SHIFT] button to select the effect type.

The selected effect is displayed on the Serato DJ screen.

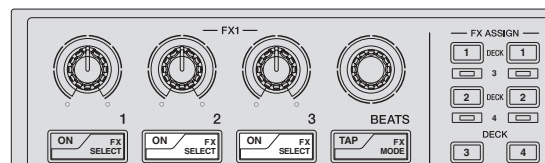
### 4 Press the effect parameter 1 button to turn the effect on.



The effect switches between on and off each time the button is pressed.

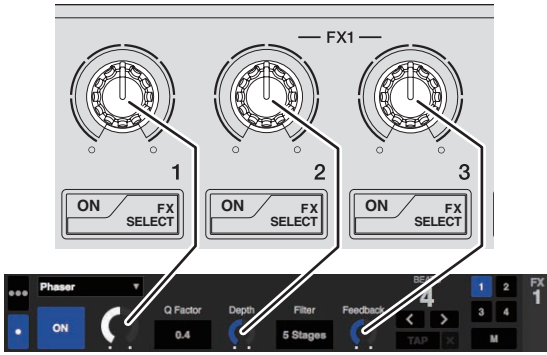
- The effect's [ON] button is highlighted on the Serato DJ screen.

### 5 Operate the effect parameter 2 button or the effect parameter 3 button to switch the effect's parameter.

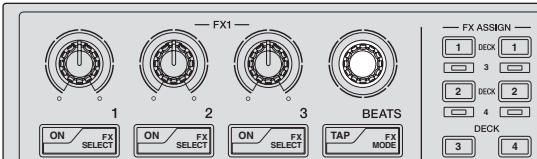


- For some types of effects, it is only possible to turn the parameter on and off.
- Depended on the selected effect, the button may not light even when it is operated.

6 Operate the effect parameter control(s) to adjust the effect's parameter(s).



7 Turn the [FX BEATS] control to adjust the effect time.



- It is also possible to set the BPM value to be used as the basis for the effect time from the interval at which the [TAP] button is tapped.  
For details, see *Switching the effect's tempo mode* on page 9.

## Using Serato Video

For detailed instructions on operating Serato Video, a description of its functions and information on usable codecs, see the Serato Video operating instructions.

## Acquiring Serato Video

Access the Pioneer DJ support site below.

<http://pioneerdj.com/support/>

Instructions on acquiring Serato Video are provided on this unit's support page.

1 Access the Pioneer DJ support site and click [Software Info] under [DDJ-SP1].

2 Click the link to the Serato Video download page.

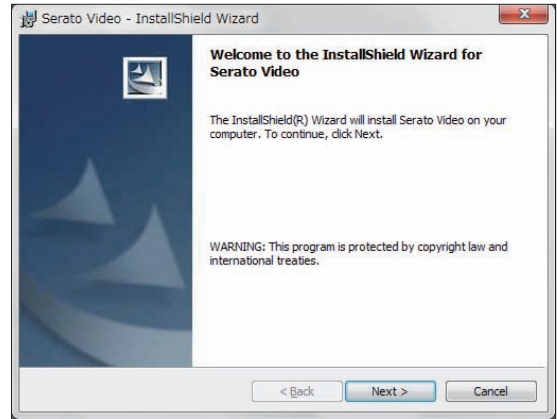
Following the instructions on the screen, input your e-mail address, password and the voucher code indicated on the Serato Video voucher included with this unit.

## Installing Serato Video

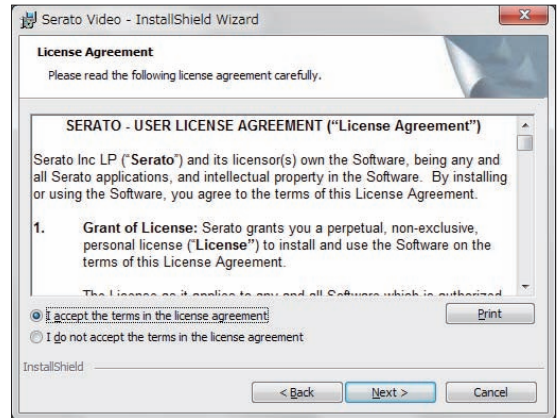
- In order to install Serato Video on the computer, Serato DJ must already be installed.

## ❖ Installation Procedure (Windows)

1 Unzip the downloaded file, then double-click the unzipped file to launch the installer.

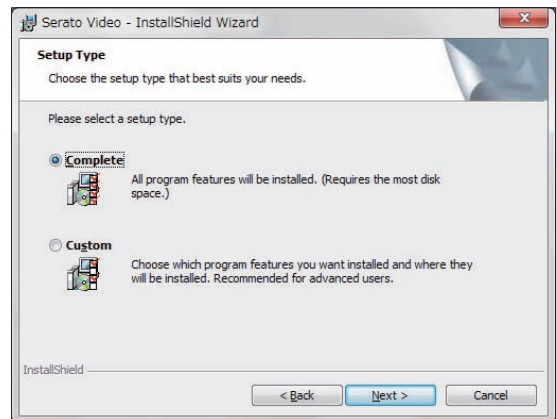


2 Read the terms of the license agreement carefully, and if you agree, select [I accept the terms in the license agreement], then click [Next].

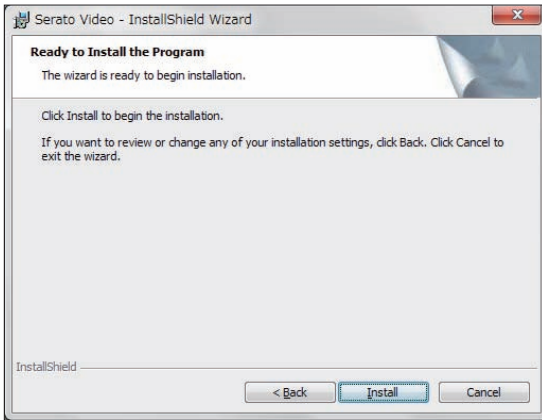


- If you do not agree to the contents of the license agreement, click [Cancel] to cancel installation.

3 Select the type of installation for Serato Video, then click [Next].

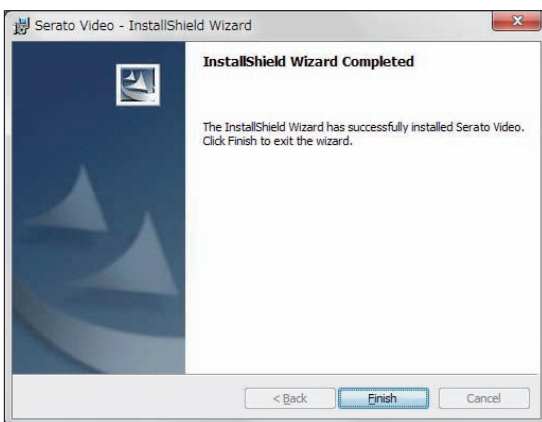


#### 4 Click [Install] to start installing Serato Video.



The message of successful installation appears once installation is completed.

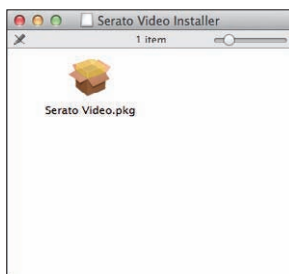
#### 5 Click [Finish] to quit the Serato Video installer.



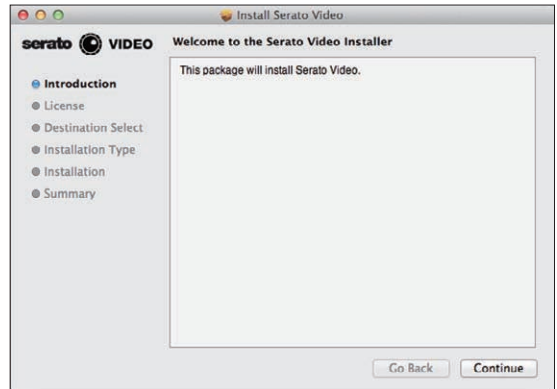
### ❖ Installation procedure (Mac OS X)

#### 1 Double-click the downloaded file.

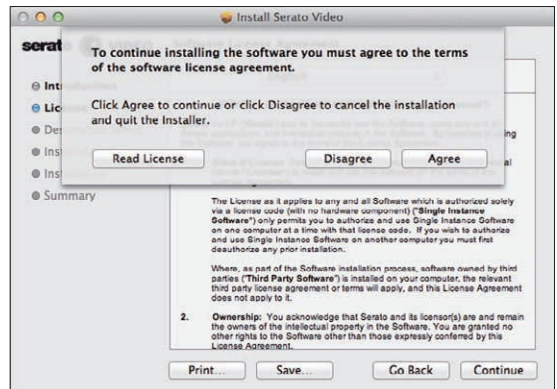
The **Serato Video.pkg** icon appears. Double-click it to launch the Serato Video installer.



#### 2 Click [Continue].

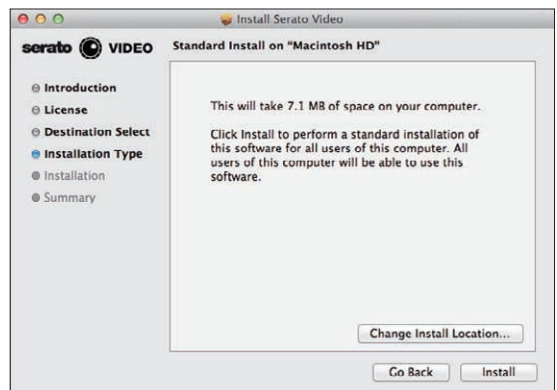


#### 3 Read the terms of the license agreement carefully, and if you agree, click [Agree].



- If you do not agree to the contents of the license agreement, click [Disagree] to quit installation.

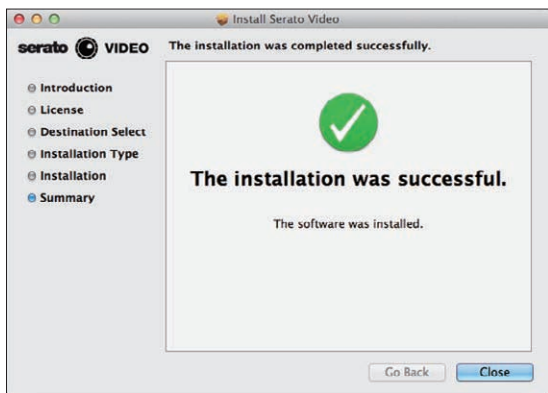
#### 4 Click [Install] to start installing Serato Video.



The message of successful installation appears once installation is completed.



## 5 Click [Close] to quit the Serato Video installer.



## Enabling use of Serato Video with Serato DJ

### ❖ Authorizing Serato Video

Serato Video must be authorized in order to use it with Serato DJ.

#### 1 Launch Serato DJ and make the Serato Video settings.

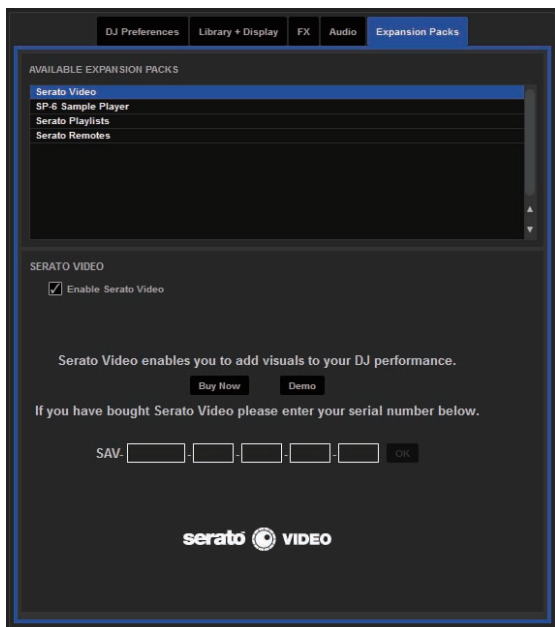
After installing Serato Video, launch Serato DJ and display the screen at [SETUP] > [Expansion Packs].

#### 2 Input the Serato Video serial number.

From the [Expansion Packs] screen, select [Serato Video] from among the [AVAILABLE EXPANSION PACKS].

Next, check [Enable Serato Video], input the serial number you have obtained, then click [OK].

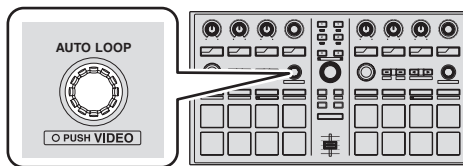
- To obtain the serial number, you must input the voucher code indicated on the Serato Video voucher included with this unit after accessing the link to this unit's support site on the Pioneer DJ support site.



### ❖ Switching to the Serato Video control mode

1 Use the [LOAD] button to load the video file onto a deck.

2 Press the left or right [AUTO LOOP] control while pressing the [SHIFT] button to switch the mode.



This unit switches to the Serato Video control mode.

When the left or right [AUTO LOOP] control is pressed again while pressing the [SHIFT] button, the mode for controlling Serato Video is canceled.

- In this mode, the DJ-FX effects cannot be control from this unit.
- To control Serato Video, advanced MIDI must be disabled in the utilities mode.

For details, see *Changing this unit's settings* on page 20.

## Using the video effects

Up to two video effects can be set for each of the left and right channels. Here we explain the procedure for operating the left channel's video effects.

### ❖ Operating the effect slot 1 video effect

1 Press the effect parameter 1 button while pressing the [SHIFT] button and select the video effect for effect slot 1.

2 Press the effect parameter 1 button to turn on the selected video effect.

3 Turn the effect parameter 1 control to adjust the parameter of the selected video effect.

### ❖ Operating the effect slot 2 video effect

1 Press the effect parameter 2 button while pressing the [SHIFT] button and select the video effect for effect slot 2.

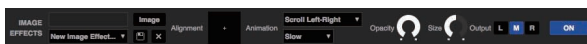
2 Press the effect parameter 2 button to turn on the selected video effect.

3 Turn the effect parameter 2 control to adjust the parameter of the selected video effect.

## Using the image effects

### ❖ Making the preparations for using the image effects

The main operations are performed on the [IMAGE EFFECTS] panel on the computer's screen.



1 Click  on the video panel on the computer's screen to open the [IMAGE EFFECTS] panel.

2 Click [Image] and select the image file.

For the formats of image files that can be used, see Serato Video's instructions.

3 While pressing this unit's [SHIFT] button, press the effect parameter 3 button on the left side to select the animation for the image effect.

4 Operate the pad displayed to the right of [Alignment] to adjust the image effect's display position.

5 From the pull-down menu to the right of [Animation], select the animation's options.

Select the animation's scrolling method, speed, etc.

6 Operate the [Size] control to adjust the image effect's size.

7 Click [L], [M] or [R] to the right of [Output] to select the image effect's output channel.

[L]: Left channel

[M]: Mixed output

[R]: Right channel

8 Click .

The adjustments are saved.

### ❖ Operating image effects

1 Press the effect parameter 3 button on this unit's left side to turn the image effect on.

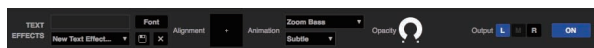
2 Turn the effect parameter 3 control on this unit's left side to adjust the image effect's opacity.

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## Using text effects

### ❖ Making the preparations for using the text effects

The main operations are performed on the [TEXT EFFECTS] panel on the computer's screen.



1 Click  on the video panel on the computer's screen to open the [TEXT EFFECTS] panel.

2 Using the computer's keyboard, input the text you want to display into the text input field.

3 Click [Font] and set the font.

The font's style, color and size can be set.

4 While pressing this unit's [SHIFT] button, press the effect parameter 3 button on this unit's right side to select the animation for the text effect.

5 Operate the pad displayed to the right of [Alignment] to adjust the text effect's display position.

6 From the pull-down menu to the right of [Animation], select the animation's options.

Select the animation's scrolling method, speed, etc.

7 Click [L], [M] or [R] to the right of [Output] to select the text effect's output channel.

[L]: Left channel

[M]: Mixed output

[R]: Right channel

8 Click .

The adjustments are saved.

### ❖ Operating the text effect

1 Press the effect parameter 3 button on this unit's right side to turn the text effect on.

2 Turn the effect parameter 3 control on this unit's right side to adjust the text effect's opacity.

---

## Using the fader transition function

Here we explain the operation for using the crossfader of the DJ mixer or DJ controller used in combination with this unit to switch from the left channel's video to the right channel's video.

1 Turn the left or right [FX BEATS] control to select the type of transition effect.

When the left or right [TAP] button is pressed, the transition effect type switches in order.

2 Press the left or right [TAP] button while pressing the [SHIFT] button to turn on the crossfader link.

When the crossfader link is on, it is possible to switch from the left channel's video to the right channel's video using the crossfader of the DJ mixer or DJ controller connected to the computer.

3 Slide the crossfader of the DJ mixer or DJ controller connected to the computer from the left to the right.

The video switches from the left channel's video to the right channel's video.

---

## Using the slip mode

When the slip mode is turned on, normal playback with the original rhythm continues in the background while loops or hot cues are being played. When loop or hot cue playback is canceled, normal playback resumes from the position to which the track has advanced while the loop or hot cue was playing. The slip function can be used for a variety of performances, without breaking rhythm.

The slip function can be used when the pad mode is set to the hot cue, hot loop, auto loop, or manual loop mode.

- The [SLIP] button lights when the slip mode is set and flashes while the sound is being played in the background.

---

## Slip hot cue

1 Press the [HOT CUE] mode button.

The pad mode is set to the hot cue mode.

2 Set the hot cue.

Press a performance pad to set the hot cue.

3 Press the [SLIP] button.

The mode switches to the slip mode.

To cancel the slip mode, press the [SLIP] button again.

4 During playback, press and hold a performance pad.

Playback starts from the position at which the hot cue was set. Playback continues as long as the performance pad is pressed.

Normal playback continues in the background while the hot cue is playing.

5 Release your finger from the performance pad.

Playback starts from the position reached in the background.

## Slip hot looping

- 1 Press the [HOT CUE] mode button while pressing the [SHIFT] button.

The pad mode is set to the hot loop mode.

- 2 Press the [SLIP] button.

The mode switches to the slip mode.

To cancel the slip mode, press the [SLIP] button again.

- 3 Press a performance pad.

Loop playback starts from the loop in point assigned to the pad that was pressed.

- The length of the loop is the number of beats set for auto looping.

Normal playback continues in the background even during loop playback.

- 4 Press the same performance pad again.

Looping is canceled and playback starts from the position reached in the background.

## Auto slip looping

There are two ways to perform the auto loop operation: using the performance pads and using the [AUTO LOOP] control. Auto slip looping is possible with both methods.

### ❖ Auto slip looping using the performance pads

- 1 Press the [ROLL] mode button while pressing the [SHIFT] button.

The pad mode is set to the auto loop mode.

- 2 Press the [SLIP] button.

The mode switches to the slip mode.

To cancel the slip mode, press the [SLIP] button again.

- 3 Press a performance pad.

A loop with the number of beats assigned to the pad that was pressed is played.

Normal playback continues in the background even during loop playback.

- 4 Press the same performance pad again.

Looping is canceled and playback starts from the position reached in the background.

### ❖ Auto slip looping using the [AUTO LOOP] control

- 1 Press the [SLIP] button.

The mode switches to the slip mode.

To cancel the slip mode, press the [SLIP] button again.

- 2 Turn the [AUTO LOOP] control.

Select the number of beats for the auto loop.

- 3 Press the [AUTO LOOP] control.

A loop with the specified number of beats is set and loop playback starts.

Normal playback continues in the background even during loop playback.

- 4 Press the [AUTO LOOP] control again.

Looping is canceled and playback starts from the position reached in the background.

## Manual slip looping

### ❖ Creating a loop and slipping it

- 1 Press the [SLICER] mode button while pressing the [SHIFT] button.

The pad mode is set to the manual loop mode.

- 2 Press the [SLIP] button.

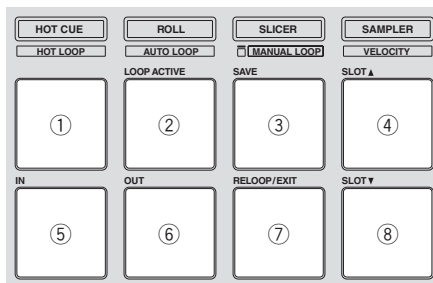
The mode switches to the slip mode.

To cancel the slip mode, press the [SLIP] button again.

- 3 Press pad 5 to set the loop in point, then press pad 6.

The loop out point is set and loop playback starts.

Normal playback continues in the background even during loop playback.



- 4 Press pad 2 or pad 7.

Looping is canceled and playback starts from the position reached in the background.

### ❖ Slipping using a loop in a loop slot

- 1 Press the [SLICER] mode button while pressing the [SHIFT] button.

The pad mode is set to the manual loop mode.

- 2 Press the [SLIP] button.

The mode switches to the slip mode.

To cancel the slip mode, press the [SLIP] button again.

- 3 Press pad 4 or pad 8 to select the loop you want to play.

- 4 Press pad 7.

The selected loop is called out and loop playback starts.

Normal playback continues in the background even during loop playback.

- 5 Press pad 7 or pad 2 again.

Looping is canceled and playback starts from the position reached in the background.

# Changing this unit's settings

The following settings can be changed:

## Setting preferences

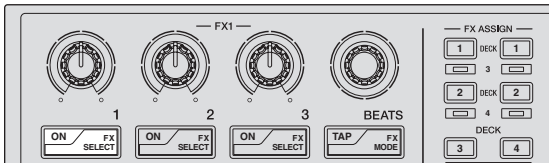
Name of selected item	Initial settings
Sampler velocity mode velocity curve selection	Curve 1
Sampler velocity mode after-touch setting	After-touch disabled
Setting of method to enter sampler velocity mode	Enter sampler velocity mode when [SAMPLER] button pressed while pressing [SHIFT] button.
Setting of DJ software to be used	Use Serato DJ
Demo mode setting	Turn demo mode on
Setting of slip mode flashing	Slip mode flashing enabled
Setting of illumination when tracks are loaded	Illumination type 1
Advanced MIDI settings	Advanced MIDI disabled

## Changing the sampler velocity mode's velocity curve setting

Use the procedure below to set the sampler velocity mode's velocity curve. You can choose one of four types of velocity curves.

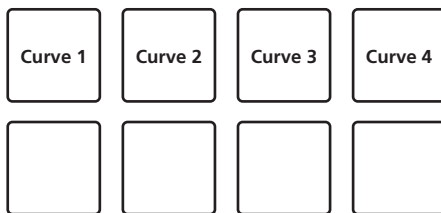
- By default, curve 1 is set.

- 1 Press the [BACK] button for over 1 second to switch to the utilities mode.
- 2 Turn the rotary selector so that the FX1 effect parameter 1 button flashes.

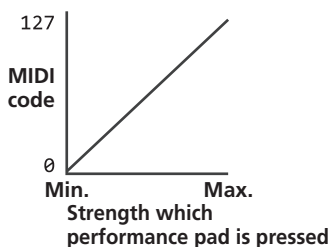


- 3 Use the performance pads on the left to select the velocity curve.

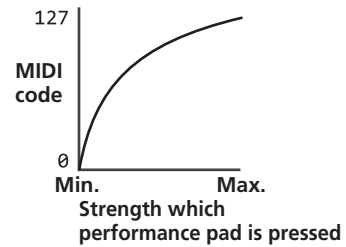
The currently selected velocity curve is indicated by which pads are flashing.



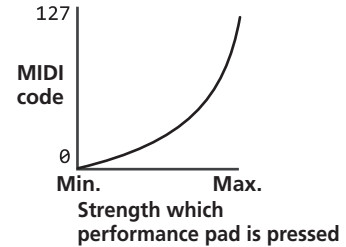
Curve 1



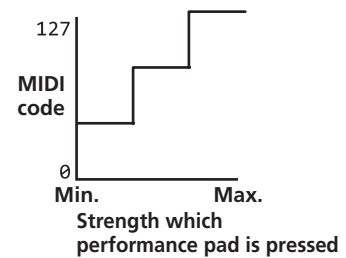
Curve 2



Curve 3



Curve 4



- 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

- 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

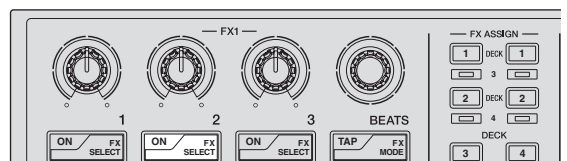
## Enabling the sampler velocity mode's after touch setting

When the sampler velocity mode is turned on for this unit's performance pads, the after touch setting can be turned on and off.

After touch setting disabled: The sampler volume changes according to the strength with which the performance pad is initially pressed, but does not keep changing while the pad is held after it is initially pressed. After touch setting enabled: The sampler volume changes according to the strength with which the performance pad is initially pressed and the strength with which the pad is held after it is initially pressed.

- By default, the after touch setting is disabled.

- 1 Press the [BACK] button for over 1 second to switch to the utilities mode.
- 2 Turn the rotary selector so that the FX1 effect parameter 2 button flashes.



- 3 Press pad 1 or pad 2 on the left performance pads.

- Pad 1 flashing: After-touch disabled
- Pad 2 flashing: After-touch enabled

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

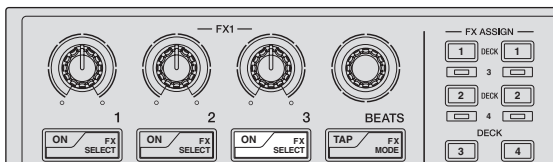
### Changing the way the sampler velocity mode is entered

The way the sampler velocity mode is entered can be changed.

- By default, the unit is set to enter the sampler velocity mode when the [SAMPLER] button is pressed while pressing the [SHIFT] button.

#### 1 Press the [BACK] button for over 1 second to switch to the utilities mode.

#### 2 Turn the rotary selector so that the FX1 effect parameter 3 button flashes.



#### 3 Press pad 1 or pad 2 on the left performance pads.

- Pad 1 flashing: Enter sampler velocity mode when [SAMPLER] button pressed while pressing [SHIFT] button.
- Pad 2 flashing: Enter sampler velocity mode when [SAMPLER] button pressed for over 1 second.

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

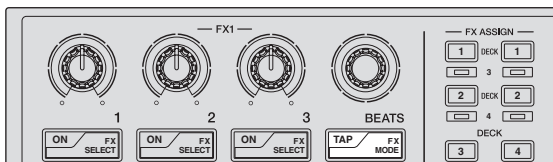
### Using DJ software other than Serato DJ

To use this unit as a controller for operating DJ software other than Serato DJ, change this setting.

- By default, the unit is set to use Serato DJ.

#### 1 Press the [BACK] button for over 1 second to switch to the utilities mode.

#### 2 Turn the rotary selector so that the FX1 [TAP] button flashes.



#### 3 Press pad 1 on the left performance pads.

- Pad 1 lit: Software other than Serato DJ used
- Pad 1 off: Serato DJ used

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

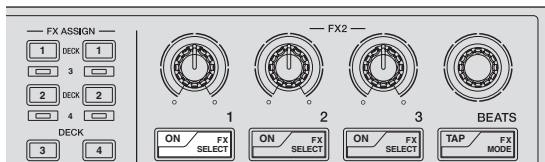
### Disabling the demo mode

On this unit, the demo mode is set if no operation is performed for 10 minutes under normal usage conditions. This demo mode can be turned off.

- By default, the demo mode is on.
- When any control or button on this unit is operated while in the demo mode, the demo mode is canceled.

#### 1 Press the [BACK] button for over 1 second to switch to the utilities mode.

#### 2 Turn the rotary selector so that the FX2 effect parameter 1 button flashes.



#### 3 Press pad 1 on the left performance pads.

- Pad 1 lit: Turns demo mode on
- Pad 1 off: Turns demo mode off

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

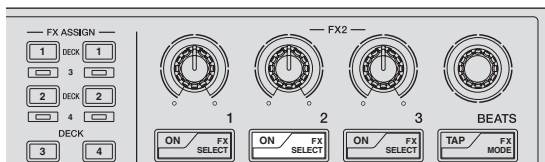
### Setting of slip mode flashing

When slip mode flashing is enabled, the buttons and controls related to the slip mode (the [AUTO LOOP] control, [HOT CUE] mode button, etc.) flash when the [SLIP] button is pressed. With this setting, the flashing of the buttons can be disabled.

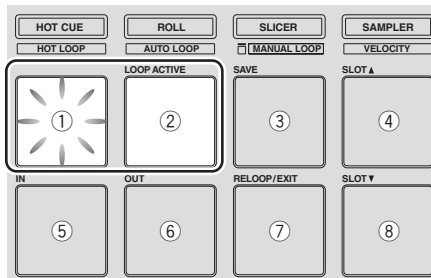
- By default, slip mode flashing is enabled.

#### 1 Press the [BACK] button for over 1 second to switch to the utilities mode.

#### 2 Turn the rotary selector so that the FX2 effect parameter 2 button flashes.



#### 3 Press pad 1 or pad 2 on the left performance pads.



- Pad 1 flashing: Slip mode flashing enabled
- Pad 2 flashing: Slip mode flashing disabled

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

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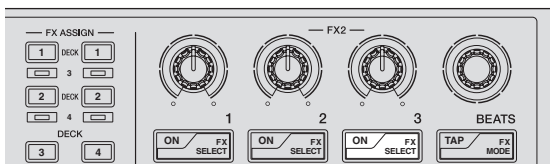
## Changing the setting of the illumination when tracks are loaded

The pattern with which the illumination lights when tracks are loaded can be switched.

- By default, illumination type 1 is set.

#### 1 Press the [BACK] button for over 1 second to switch to the utilities mode.

#### 2 Turn the rotary selector so that the FX2 effect parameter 3 button flashes.



#### 3 Press pad 1 or pad 2 on the left performance pads.

The currently set value is indicated by which pads are flashing.

- Pad 1 flashing: Illumination type 1 selected
- Pad 2 flashing: Illumination type 2 selected

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

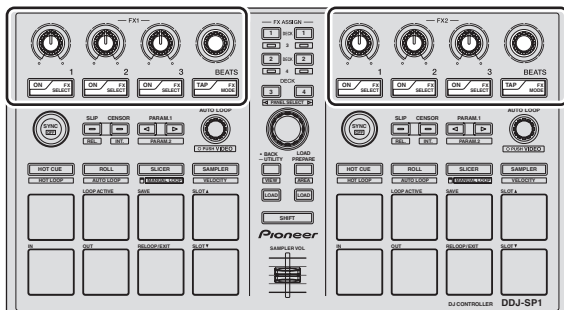
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## Enabling the advanced MIDI setting

The advanced MIDI function will be used with future feature enhancements to the Serato DJ software. When the advanced MIDI function is enabled, the effect parameter controls, [FX BEATS] control, effect parameter buttons and [TAP] button switch to special MIDI codes when this unit's [AUTO LOOP] control is pressed while pressing the [SHIFT] button.

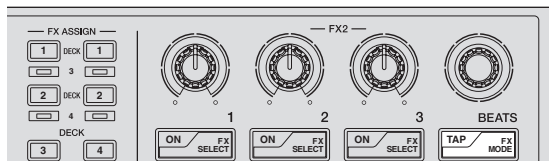
- By default, the advanced MIDI setting is disabled.
- To control Serato Video with this unit, disable the advanced MIDI setting.

### Buttons and controls to which advanced MIDI settings are applied



#### 1 Press the [BACK] button for over 1 second to switch to the utilities mode.

#### 2 Turn the rotary selector so that the FX2 [TAP] button flashes.



#### 3 Press pad 1 or pad 2 on the left performance pads.

- Pad 1 flashing: Advanced MIDI settings disabled
- Pad 2 flashing: Advanced MIDI settings enabled

#### 4 Press the rotary selector.

This saves the parameters that have been set in this unit's memory. While the parameters are being saved, the eight buttons in the effect section flash. Do not disconnect the USB cable from this unit during this time.

#### 5 Press the [BACK] button.

This unit switches from the utilities mode back to normal operation.

# Additional information

## Troubleshooting

- Incorrect operation is often mistaken for trouble or malfunction. If you think that there is something wrong with this component, check the points below and the [FAQ] for the [DDJ-SP1] on the Pioneer DJ support site. <http://pioneerdj.com/support/>  
Sometimes the problem may lie in another component. Inspect the other components and electrical appliances being used. If the problem cannot be rectified, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.
- This unit may not operate properly due to static electricity or other external influences. In this case, proper operation may be restored by turning the power off, waiting 1 minute, then turning the power back on.

Problem	Check	Remedy
The power is not turned on.	Is the included USB cable properly connected?	Connect the included USB cable properly.
	Is the supply of power from the connected computer's USB port insufficient?	Connect to a USB port providing sufficient power. If devices not being used for the DJ performance are connected to other USB ports, also disconnect them to provide sufficient power. Try running the connected computer with the power supplied from an AC power source rather running it on the battery.
This unit is not recognized. (The pad mode button does not light.)	Is the included USB cable properly connected?	Connect the included USB cable properly.
	Are you using a USB hub?	USB hubs cannot be used. Connect the computer and this unit directly using the included USB cable.
	Is a Serato DJ-certified controller, audio interface or mixer connected to the computer?	Connect the Serato DJ-certified devices to the computer using USB cables.
	Are you using the latest version of the Serato DJ software?	Update the software to the latest version.
The indicators are dim.	Is the [DIMMER] switch set to the [ON] position?	Set the [DIMMER] switch to the [OFF] position. Disconnect the USB cable connected to this unit before switching the [DIMMER] switch from the [ON] position to the [OFF] position. The indicators will not get brighter if the switch is set to the [OFF] position while the USB cable is connected.
The sampler volume does not change while the performance pad is being pressed according to the strength with which the pad is pressed.	Is after-touch disabled?	Switch to the utilities mode and enable after-touch.
Tracks are not displayed in the library.	Have music files been imported?	Import the music files properly. For details on importing music files, see the Serato DJ software manual.
	Is a crate or subcrate that does not contain any tracks selected?	Either select a crate or subcrate that contains any tracks or add tracks to the crate or subcrate.
Serato Video cannot be controlled.	Is Serato Video installed?	Access the Pioneer DJ support site ( <a href="http://pioneerdj.com/support/">http://pioneerdj.com/support/</a> ), acquire Serato Video from this unit's support page then install it.
DJ-FX (effects) cannot be controlled.	Is the edge of the [AUTO LOOP] control shining?	The Serato Video control mode is set. Press the [AUTO LOOP] control on the left or right side while pressing the [SHIFT] button to cancel this mode.
Tracks cannot be loaded onto deck 3 or deck 4.	Is the [DECK] button lit?	Press the [DECK] button, then once it lights press the [LOAD] button.

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## Using as a controller for other DJ software

The DDJ-SP1 also outputs the operating data for the buttons and controls in MIDI format. If you connect a computer with a built-in MIDI-compatible DJ software via a USB cable, you can operate the DJ software on this unit.

To use as a controller to operate DJ software other than the Serato DJ software, switch to the setting for using software other than the Serato DJ software in the utilities mode. Also, make the DJ software's MIDI-related settings.

- For details, see your DJ software's operating instructions.

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## About MIDI messages

For details on this unit's MIDI messages, see "List of MIDI Messages".

- "List of MIDI Messages" can be acquired from the following URL:  
<http://pioneerdj.com/support/>

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