

**Pioneer DJ**

**DJ Controller**

# **DDJ-SB2**

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

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

The Pioneer DJ 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 Intro software, access Serato.com and download the software from there.

**Operating Instructions**

# Contents

## How to read this manual

- Thank you for buying this Pioneer DJ product.  
Be sure to read both this manual and the Operating Instructions (Quick Start Guide). Both contain important information that you should understand before using this product.  
For instructions on obtaining the Serato DJ Intro software's manual, see *Acquiring the manual* (p.21).
- 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. [▶/II] button, [Files] panel, and [MASTER OUT] terminal)
- 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 explanations of functions of this unit as hardware. For detailed instructions on operating the Serato DJ Intro software, see the Serato DJ Intro software manual.

- The Serato DJ Intro software manual can be downloaded from "Serato.com". For details, see *Downloading the Serato DJ Intro software manual* (p. 21).
- The latest version of the Operating Instructions (this document) can be downloaded from the Pioneer DJ site. For details, see *Viewing the Latest Version of the Operating Instructions* (p. 21).

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# Before start

## Features

This unit is an all-in-one DJ controller designed specifically for Serato Audio Research's DJ software Serato DJ Intro. It's interfaces incorporating various controls such as "BIG JOG" and "PERFORMANCE PADS" are positioned with room to spare to allow for more individualistic DJ performances using Serato DJ Intro. There is also a built-in sound card (audio interface), eliminating the need for complex wiring and settings so that users can start making DJ performances immediately.

### BIG JOG

This unit is equipped with large jog dials for smooth operability, so users can scratch with the feel of an analog player.

### PERFORMANCE PADS

This unit is equipped with large pads which allow the various functions provided with Serato DJ Intro, including the hot cue, loop, and sampler functions, as well as the basic functions of the [CUE (◀)] and [▶/II] buttons, to be operated with dynamic actions such as tapping and rolling. Furthermore, rubber is used as the pad material to allow operation without tiring, even during long performances.

### Design

The operating interfaces required for DJs are arranged with room to spare on the large frame. Aluminum is used for the jog plates, and the plastic panel top plates have a hairline surface finish resulting in a design with a high-class look.

### FILTER FADE

This unit is equipped with the filter fade function that combines the crossfader and high pass filter. This function allows you to mix any tracks naturally.

### TRANS

This unit is equipped with the trans function for automatically cutting a track's sound in rhythm with the BPM by pressing and holding a pad. It can be combined with scratching and other techniques to create individualistic arrangements of tracks.

### Serato DJ Intro

This unit supports the Serato DJ Intro DJ software providing the basic functions required for DJ performances. All of the buttons and controls are preset to work together with the software, so DJ performances can be held immediately, simply by connecting this unit to a computer. Users can also upgrade to Serato DJ which provides a variety of functions, including a "Slip Mode", iZotope effects and a recording function. iZotope is a U.S. developer and manufacturer of audio technology.

### Built-in sound card (audio interface)

This unit is equipped with a built-in high quality sound card (audio interface), eliminating the need for complex wiring and settings so that users can start making DJ performances immediately.

## USB BUS POWER

This product supports USB bus power. It can be used simply by connecting it to a computer with a USB cable.

## HIGH SOUND QUALITY

This product inherits the sound quality technology developed over the years for the DJ hardware of Pioneer DJ to achieve the top level of sound quality in its class.

## What's in the box

- USB cable
  - Warranty (for some regions)<sup>①</sup>
  - Operating Instructions (Quick Start Guide)
- ① The included warranty is for the European region.
  - For the North American region, the corresponding information is provided on the last page of both the English and French versions of the "Operating Instructions (Quick Start Guide)".
  - For the Japanese region, the corresponding information is provided on the back cover of the "Operating Instructions (Quick Start Guide)".

## Installing the software

### Before installing the software

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

- For details, refer to *Installation Procedure (Windows)* or *Installation procedure (Mac (OS X))*.
- The user is responsible for preparing the computer, network devices and other elements of the Internet usage environment required for a connection to the Internet.

### About the driver software (Windows)

This driver software is this unit's dedicated ASIO driver for outputting the audio of a computer from an audio terminal of the unit.

- There is no need to install the driver software when using a Mac (OS X).

### Checking the latest information on the driver software

For the latest information on this unit's dedicated driver software, see the Pioneer DJ site below.

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

## About the Serato DJ Intro software

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

### Minimum operating environment

Supported operating systems	CPU and required memory
Mac: OS X v10.10, 10.9, and 10.8	Intel® processor, Core™ Duo 1.6 GHz or better Intel® processor, Core™ i3, i5, or i7 1 GB or more of RAM
Windows: Windows 8.1/8 and Windows 7 (SP1)	Intel® processor, Core™ 2 Duo 2.0 GHz or better Intel® processor, Core™ i3, i5, or i7 1 GB or more of RAM
<b>Others</b>	
USB port	A USB 2.0 port is required to connect the computer with this unit.
Display resolution	Resolution of 1,024 x 768 or greater
Internet connection	An Internet connection is required for registering the "Serato.com" user account and downloading the software.

- To check the latest information on the operating environment and compatibility, and to acquire the latest operating system, access the Serato site.  
<http://serato.com/>
- Operating System support assumes you are using the latest point release for that version.
- Operation is not guaranteed on all computers, even if all the required operating environment conditions indicated here are fulfilled.
- Depending on the computer's power-saving settings, etc., the CPU and hard disk may not provide sufficient processing capabilities. For notebook computers in particular, make sure the computer is in the proper conditions to provide constant high performance (for example by keeping the AC power connected) when using Serato DJ Intro.
- Use of the Internet requires a separate contract with a provider offering Internet services and payment of provider fees.

## About the installation procedure

The installation procedure depends on the operating system (OS) on the computer you are using.

### For Windows

After installing the driver software, install the Serato DJ Intro software.

### For Mac (OS X)

Only install the Serato DJ Intro software.

## Installation Procedure (Windows)

Do not connect this unit and the computer during the period from the start to completion of installation.

- Log on as the user which was set as the computer's administrator before installing.
- If any other programs are running on the computer, quit them.

### 1 Access the Pioneer DJ site.

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

- To switch the screen to Japanese display, scroll the screen to the bottom, click the [EN] indication at the bottom right of the screen and then select [JA].

### 2 Click the [Support] icon.

### 3 Click the [Software & firmware updates] icon.

### 4 Click the [DDJ-SB2] icon in the [CONTROLLER] category.

### 5 Click the [Drivers] icon.

### 6 Click the [Download link] icon and save the file.

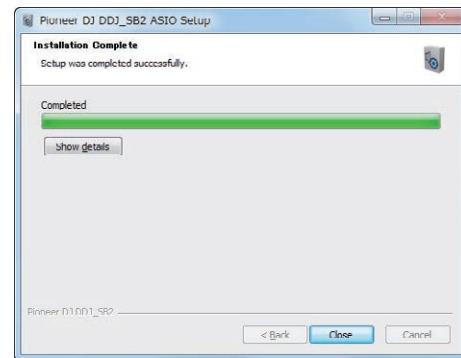
### 7 When downloading is complete, double-click the [Pioneer\_DJ\_DDJ\_SB2\_Driver\_x.xxx.exe] icon.

### 8 Proceed with installation according to the instructions on the screen.

If [Windows Security] appears on the screen while the installation is in progress, click [Install this driver software anyway] and continue with the installation.

When the installation program is completed, a completion message appears.

When the following screen appears, the installation is complete. (Click [Close].)



After installing the driver software, install the Serato DJ Intro software.

### 9 Access the Serato site.

<http://serato.com/>

### 10 Click the [Serato DJ Intro] icon of [DJ PRODUCTS].

The Serato DJ download page appears.

- The download page is subject to change without notice.

### 11 Click the [Download SERATO DJ INTRO] icon.

### 12 Create an account on "Serato.com."

- If you have already registered a user account on "Serato.com", proceed to step 14.
- If you have not completed registering your user account, do so following the procedure below.
  - Following the instructions on the screen, input your e-mail address and the password you want to set, then select the region in which you live.
  - If you check [E-mail me Serato newsletters], newsletters providing the latest information on Serato products will be sent from Serato.
  - Once user account registration is completed, you will receive an e-mail at the e-mail address you have input. Check the contents of the e-mail sent from "Serato.com".
- Be careful not to forget the e-mail address and password specified when you performed user registration. They will be required for updating the software.
- The personal information input when registering a new user account may be collected, processed and used based on the privacy policy on the Serato website.

### 13 Click the link in the e-mail message sent from "Serato.com".

The Serato DJ download page opens. Proceed to step 15.

### 14 Log in.

Input the e-mail address and password you have registered to log in to "Serato.com".

### 15 Check [DDJ-SB2] for the model to be used and then click the [Continue] icon and save the file.

### 16 Click the [Download Serato DJ Intro] icon.

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

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

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



The message of successful installation appears once installation is completed.

## 18 Click [Finish] to quit the Serato DJ Intro installer.



The installation is now complete.

## Installation procedure (Mac (OS X))

Do not connect this unit and the computer during the period from the start to completion of installation.

- If any other programs are running on the computer, quit them.

### 1 Access the Serato site.

<http://serato.com/>

### 2 Click the [Serato DJ Intro] icon of [DJ PRODUCTS].

The Serato DJ Intro download page appears.

- The download page is subject to change without notice.

### 3 Click the [Download SERATO DJ INTRO] icon.

### 4 Create an account on "Serato.com."

- If you have already registered a user account on "Serato.com", proceed to step 6.
- If you have not completed registering your user account, do so following the procedure below.
  - Following the instructions on the screen, input your e-mail address and the password you want to set, then select the region in which you live.
  - If you check [E-mail me Serato newsletters], newsletters providing the latest information on Serato products will be sent from Serato.
  - Once user account registration is completed, you will receive an e-mail at the e-mail address you have input. Check the contents of the e-mail sent from "Serato.com".
- Be careful not to forget the e-mail address and password specified when you performed user registration. They will be required for updating the software.

- The personal information input when registering a new user account may be collected, processed and used based on the privacy policy on the Serato website.

## 5 Click the link in the e-mail message sent from "Serato.com".

This takes you to the Serato DJ Intro download page. Proceed to step 7.

### 6 Log in.

Input the e-mail address and password you have registered to log in to "Serato.com".

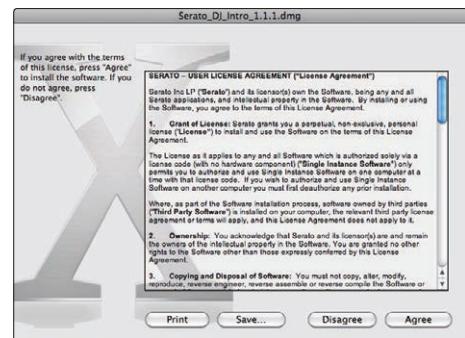
## 7 Check [DDJ-SB2] for the model to be used and then click the [Continue] icon and save the file.

### 8 Click the [Download Serato DJ Intro] icon.

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

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

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



## 10 If the following screen appears, drag and drop the [Serato DJ Intro] icon on the [Applications] folder icon.



## About the driver software (Windows)

This unit functions as an audio device conforming to the ASIO standards.

## Using the ASIO settings utility software

This function can only be used by those using a Windows operating system.

### ❖ Launching the ASIO settings utility software

**Click the Windows [Start] menu>[All Programs]>[Pioneer]>[DDJ\_SB2]>[DDJ\_SB2 ASIO Settings Utility].**

- For Windows 8.1/8, click [DDJ\_SB2 ASIO Settings Utility] from the [Start] screen.

### ❖ Adjusting the buffer size

In the same way as the buffer size setting in the Serato DJ Intro software, decreasing the value of the [Kernel Buffers] setting lowers the transfer delay (latency) of the audio data, while increasing the value reduces the tendency for dropouts in the audio data (breaks in the sound).

The setting at [USB BUFFER SIZE (LATENCY)] in the Serato DJ Intro software's [SETUP] menu has priority for the buffer size. (The default setting is 512 samples/10 ms.)

- For details on making the settings on the DJ software, see the Serato DJ Intro software manual.
- If the [Buffer Size] or [Kernel Buffers] number is made large, drops in the data (breaks in the sound), etc., occur less easily, but the time lag due to transmission delays in the audio data (latency) increases.

### ❖ If breaks in the sound occur with the default setting

1 Launch [DDJ\_SB2 ASIO Settings Utility] and change [Kernel Buffers] to [4].

2 Set [USB BUFFER SIZE (LATENCY)] in the Serato DJ Intro software to the minimum buffer size at which no breaks in the sound occur.

### ❖ If no breaks in the sound occur with the default setting

1 Set [USB BUFFER SIZE (LATENCY)] in the Serato DJ Intro software to the minimum buffer size at which no breaks in the sound occur.

2 Launch [DDJ\_SB2 ASIO Settings Utility], change [Kernel Buffers] to [2], and check that no breaks in the sound occur.

3 If no breaks in the sound occur, set [USB BUFFER SIZE (LATENCY)] in the Serato DJ Intro software to the minimum buffer size at which no breaks in the sound occur. If breaks in the sound do occur, change [Kernel Buffers] in the [DDJ\_SB2 ASIO Settings Utility] to [3].

## Checking the version of the driver software

**Click the Windows [Start] menu>[All Programs]>[Pioneer]>[DDJ\_SB2]>[DDJ\_SB2 Version Display Utility].**

- For Windows 8.1/8, click [DDJ\_SB2 Version Display Utility] from the [Start] screen.
- You can check the firmware version of this unit on the screen.
- The firmware version is not displayed when this unit is not connected to the computer or when this unit and computer are not properly communicating.

# Connections and part names

## Connections

Always disconnect the USB cable before making or changing equipment connections.

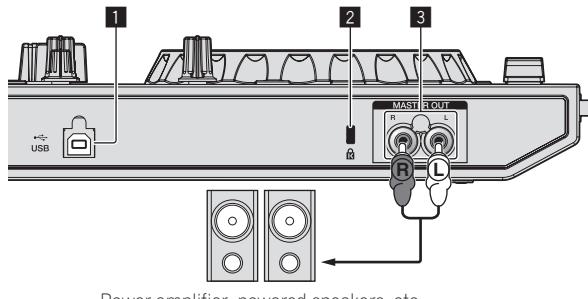
Be sure to use the USB cable included with this product.

Refer to the operating instructions for the component to be connected.

With this unit, the power is supplied by USB bus power. The unit can be used simply by connecting it to a computer using the USB cable.

- Connect the computer to which this unit is to be connected to an AC power supply.
- A USB hub cannot be used.
- In cases like the ones below, the power may be insufficient and this unit may not operate on USB bus power.
  - When the computer's USB power supply capacity is insufficient.
  - When other USB devices are connected to the computer.
  - When headphones with an impedance of less than  $32\ \Omega$  are connected.
  - When headphones are connected to both the [HEADPHONES] terminal (1/4" TRS jack) and [HEADPHONES] terminal (3.5 mm stereo mini jack) at the same time.
  - When a monaural jack is connected to the [HEADPHONES] terminal.

## Rear panel



Power amplifier, powered speakers, etc.

### 1 USB terminal

Connect to a computer.

- Connect this unit and the computer directly using the included USB cable.
- A USB hub cannot be used.

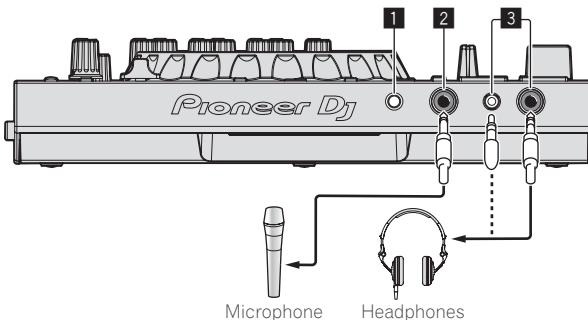
### 2 Kensington security slot

### 3 MASTER OUT terminals

Connect a power amplifier, powered speakers, etc., here.

- Compatible with RCA pin-jack type unbalanced outputs.

## Main unit side panel



### 1 MIC LEVEL control

Adjusts the level of audio input to the [MIC] terminal (1/4" TS jack).

### 2 MIC terminal (1/4" TS jack)

Connects a microphone here.

Supports unbalanced input only.

### 3 HEADPHONES terminals

Connect headphones here.

Two [HEADPHONES] terminals support a 1/4" TRS jack and 3.5 mm stereo mini jack.

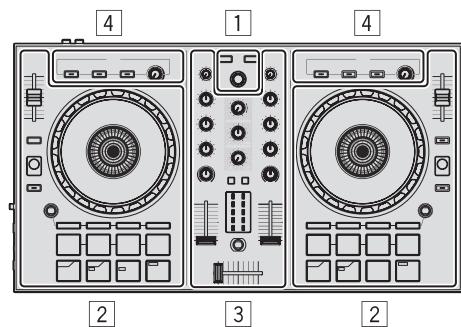
- There are two input terminals, [HEADPHONES] terminal (1/4" TRS jack) and [HEADPHONES] terminal (3.5 mm stereo mini jack), but using them at the same time is not supported. When you disconnect or connect a cable from/to a terminal, the volume of the other terminal may increase or decrease suddenly.

## Part names and functions

The functions of the parts introduced here are based on the functions of Serato DJ Intro.

Descriptions of functions that can be used after upgrading to Serato DJ are indicated **Serato DJ**.

For details on the functions, see the Pioneer DJ site below.  
<http://www.pioneerdj.com/>



### 1 Browser section

### 2 Deck section

### 3 Mixer section

### 4 Effect section

## About the controls' setting values

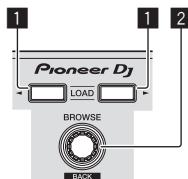
The setting values of the controls, etc., below are controlled individually for the respective decks in the Serato DJ Intro software.

- **TRIM** control
- **EQ (HI, MID, LOW)** controls
- **FILTER** control
- Channel fader
- **TEMPO** slider

If the values controlled by Serato DJ Intro when the decks are switched differ from the positions of this unit's controls, faders, etc., the controls, faders, etc., must be moved to the positions corresponding to the values controlled by Serato DJ Intro before they will operate.

- The initial settings of decks 3 and 4 of Serato DJ Intro are the center position for the [TRIM] control, [EQ (HI, MID, and LOW)] controls, and [FILTER] control,  $\pm 0.0\%$  for the [TEMPO] slider, and the minimum (lowest) position for the channel fader.

## Browser section



### 1 LOAD button

Press:

The selected tracks are loaded to the respective decks.

- If you press the [LOAD] button twice on the side opposite to the deck currently playing, the state of the deck currently playing is also applied as is to the deck on the opposite side. (Instant double)

### 2 Rotary selector (BACK)

Turn:

The cursor in the library panel or [crates] panel moves up or down.

Press:

When the cursor is in the [crates] panel or library panel, the cursor moves between the [crates] panel and library panel each time the rotary selector (BACK) is pressed.

When the cursor is in the [Files] panel, the cursor moves to a lower layer.

[SHIFT] + press:

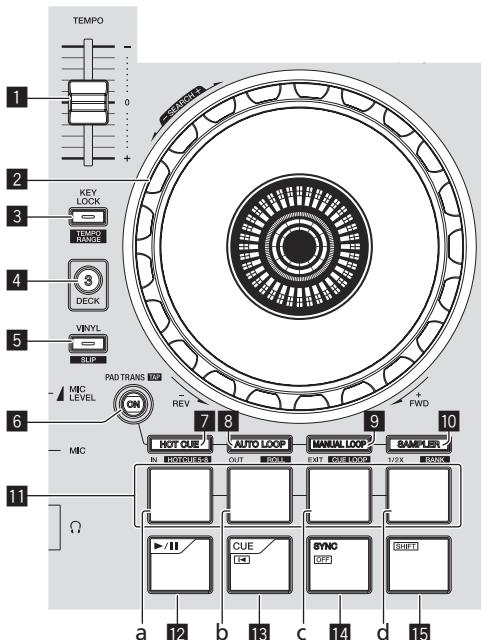
When the cursor is positioned in the [crates] panel, the sub crates open or close.

When the cursor is positioned in the library panel, the cursor moves to the [crates] panel.

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

## Deck section

This section is used to control the four decks. Controls and buttons to operate decks 1 and 3 are located on the left side of the controller, and those to operate decks 2 and 4 are located on the right side of the controller.



### 1 TEMPO slider

Use this to adjust the track playing speed.

### 2 Jog dial

Turn top:

When the vinyl mode is on, the scratch operation is possible.

When the vinyl mode is off, the pitch bend operation (adjustment of the playing speed) is possible.

Turn outer section:

The pitch bend operation (adjustment of the playing speed) is possible.

[SHIFT] + Turn top:

When the jog dial is spun while pressing [SHIFT] button during playback, the track is fast-forwarded/fast-reversed.

### 3 KEY LOCK (TEMPO RANGE) button

Press:

Turns the key lock function on and off.

When the key lock function is on, the key does not change even when the playing speed is changed with the [TEMPO] slider.

- The sound is digitally processed, so the sound quality decreases.

[SHIFT] + press:

The [TEMPO] slider's range of variation switches each time the button is pressed.

→ [±8%] → [±16%] → [±50%] →

### 4 DECK 3 button

Press:

Switches the deck to be operated.

When the deck indicator is lit, deck 3 is selected.

The deck on the right side has a [DECK 4] button.

### 5 VINYL (SLIP) button

This switches the vinyl mode on/off.

[SHIFT] + press:

**Serato DJ**

Turns the slip mode on and off.

### 6 PAD TRANS (TAP) button

Press:

Turns the pad trans mode on and off.

- Using pad trans (p.18)

[SHIFT] + press:

Sets the beats for which the pad trans mode operates manually. When the button is pressed three or more times, the beat is set by calculating from the interval at which the button was pressed.

- Using pad trans (p.18)

### 7 HOT CUE (HOTCUE5-8) mode button

Press:

Sets the hot cue mode.

[SHIFT] + press:

**Serato DJ**

Sets the hot cue 5-8 mode.

### 8 AUTO LOOP (ROLL) mode button

Press:

Sets the auto loop mode.

[SHIFT] + press:

**Serato DJ**

Sets the roll mode.

**9 MANUAL LOOP (CUE LOOP) mode button**

Press:

Sets the manual loop mode.

[SHIFT] + press:

**Serato DJ**

Sets the cue loop mode.

**10 SAMPLER (BANK) mode button**

Press:

Sets the sampler mode.

[SHIFT] + press:

**Serato DJ**

Sets the bank mode.

**11 Pads**

- a Pad 1
- b Pad 2
- c Pad 3
- d Pad 4

Various performances can be achieved using the pads.

- ⌚ Using the pads (p. 15)
- ⌚ Using pad trans (p.18)

**12 ▶/II button**

Press:

Use this to play/pause tracks.

**13 CUE (◀) button**

Press:

This is used to set, play and call out temporary cue points.

- When the [CUE (◀)] button is pressed while pausing, the temporary cue point is set.
- When the [CUE (◀)] button is pressed during playback, the track returns to the temporary cue point and pauses. (Back Cue)
- When the [CUE (◀)] button is pressed and held after the track returns to the temporary cue point, playback continues as long as the button is pressed in. (Cue Sampler)
- When the [▶/II] button is pressed during cue sampling, playback continues from that point.

[SHIFT] + press:

Loads the previous track in the library panel. (Previous Track)

- If the current playback position is not the beginning of a track, the track returns to the beginning.

**14 SYNC (OFF) button**

Press:

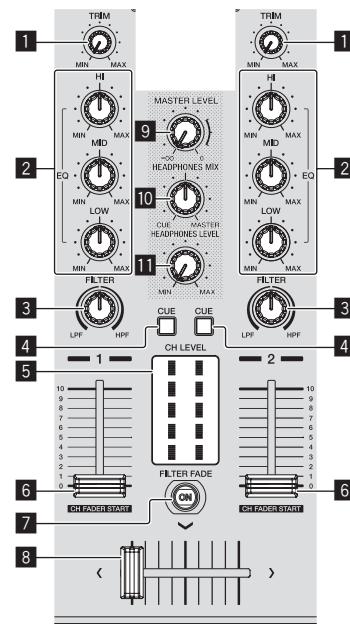
The tempo (pitch) of tracks on adjacent decks can be synchronized automatically.

[SHIFT] + press:

Cancels the sync mode.

**15 SHIFT button**

When another button is pressed while pressing the [SHIFT] button, a different function is called out.

**Mixer section****1 TRIM control**

Adjusts the size of each channel's volume.

**2 EQ (HI, MID, LOW) controls**

Boosts or cuts frequencies for the different channels.

**3 FILTER control**

Applies the filter effect for the respective channel.

The original sound is output when the control is at the center position.

Turn counterclockwise: Gradually decreases the low-pass filter's cutoff frequency.

Turn clockwise: Gradually increases the high-pass filter's cutoff frequency.

**4 Headphones CUE button**

Press:

The sound of channels for which the headphones [CUE] button is pressed is output to the headphones.

- When the headphones [CUE] button is pressed again, monitoring is canceled.

**5 Channel level indicator**

Displays the sound level of the respective channels before passing through the channel faders.

**6 Channel fader**

Move:

Adjusts the level of audio signals output in each channel.

[SHIFT] + move:

**Serato DJ**

Use the channel fader start function.

**7 FILTER FADE ON button**

Turns the filter fade function on and off.

- ⌚ Using the filter fade function (p.17)

**8 Crossfader**

Switches between the audio output of the left and right decks.

**9 MASTER LEVEL control**

Adjusts the master sound level output.

## 10 HEADPHONES MIX control

Adjusts the balance of the monitor volume between the sound of the channels for which the headphones [CUE] button is pressed and the sound of the master channel.

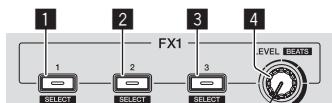
## 11 HEADPHONES LEVEL control

Adjusts the sound level output from the headphones.

## Effect section

This section is used to control the two effect units (FX1 and FX2).

Controls and buttons to operate the FX1 unit are located on the left side of the controller, those to operate the FX2 unit are located on the right side of the controller.



### 1 Effect 1 button

Turns the effect on/off.

[SHIFT] + press:  
Switches the effect type.

### 2 Effect 2 button

Turns the effect on/off.

[SHIFT] + press:  
Switches the effect type.

### 3 Effect 3 button

Turns the effect on/off.

[SHIFT] + press:  
Switches the effect type.

### 4 Effect level control

These adjust the effects' parameters.

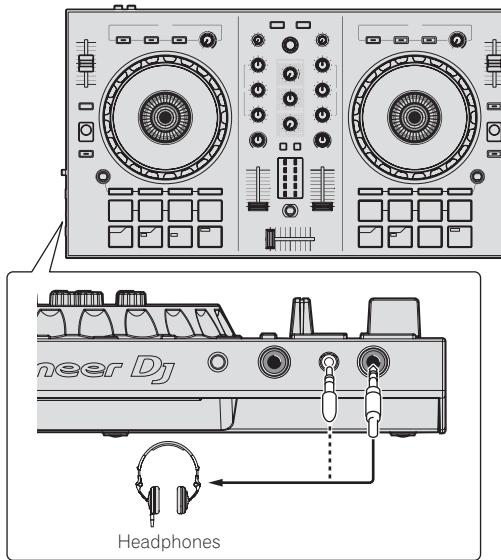
⌚ Using effects (p.16)

[SHIFT] + turn:  
Adjusts the effect time.

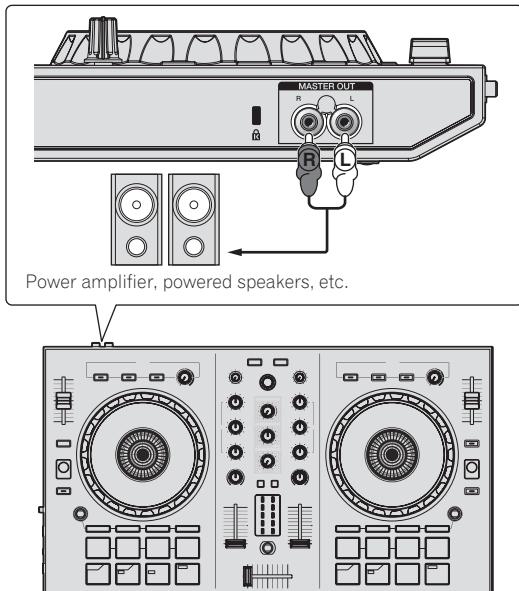
# Basic Operation

## Connections

- 1 Connect headphones to one of the [HEADPHONES] terminals.

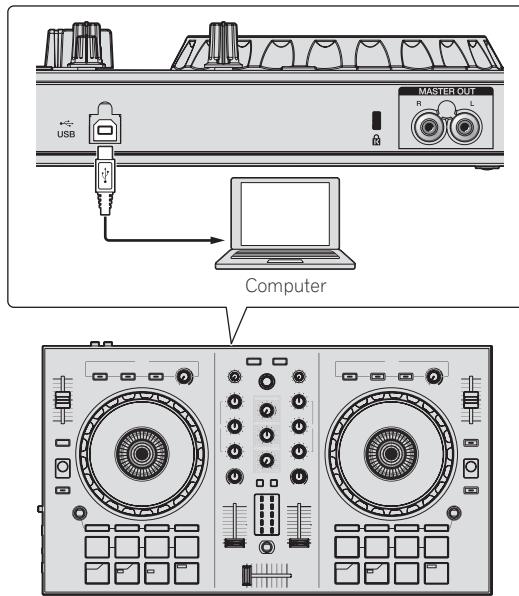


- 2 Connect such devices as a power amplifier, powered speakers, etc., to the [MASTER OUT] terminals.



- For details on the connections of the input/output terminals, see *Connections* (p.7).

- 3 Connect this unit to your computer via a USB cable.



- For Windows users  
The message [**Installing device driver software**] may appear when this unit is first connected to the computer or when it is connected to a different USB port on the computer. Wait a while until the message [**Your devices are ready for use**] appears.

- 4 Turn on the computer's power.

- 5 Turn on the power of the devices connected to the output terminals (power amplifier, powered speakers, etc.).

- When a microphone is connected to input terminals, the power of the microphone also turns on.

# Starting the system

## Launching Serato DJ Intro

### For Windows 7

From the Windows [Start] menu, click the [Serato DJ Intro] icon under [All Programs] > [Serato] > [DJ Intro].

### For Windows 8.1/8

From [Apps view], click the [Serato DJ Intro] icon.

### For Mac (OS X)

In Finder, open the [Applications] folder, then click the [Serato DJ Intro] icon.

**Computer screen directly after the Serato DJ Intro software is launched**



**Computer screen when a track is loaded in the Serato DJ Intro software**

To display the four decks, click the [4-Deck Vertical Display Mode] icon at the top left of the Serato DJ Intro screen.



### A Deck section

The track information (the name of the loaded track, artist name, BPM, etc.), the overall waveform and other information is displayed here.

### B Waveform display

The loaded track's waveform is displayed here.

### C Browser section

Crates are displayed in the [crates] panel.

Tracks are displayed in the library panel.

This manual consists mainly of explanations of functions of this unit as hardware. For detailed instructions on operating the Serato DJ Intro software, see the Serato DJ Intro software manual.

## Importing tracks

The following describes the typical procedure for importing tracks.

- There are various ways to import tracks with the Serato DJ Intro software. For details, see the Serato DJ Intro software manual.
- If you are already using Serato DJ software (Scratch Live, ITCH or Serato DJ) and have already created track libraries, the track libraries you have previously created can be used as such.

### 1 Click the [Files] icon on the Serato DJ Intro software screen to open the [Files] panel.

The contents of your computer or the peripheral connected to the computer are displayed in the [Files] panel.

### 2 Click the folder in the [Files] panel containing the tracks you want to add to the track library.

### 3 Drag and drop the selected folder to the [crates] panel on the Serato DJ Intro software screen.

A crate is created and the tracks are added in the library panel.



a Files panel  
b crates panel

## Playing a track

The following describes the procedure for loading tracks into deck [1] as an example.



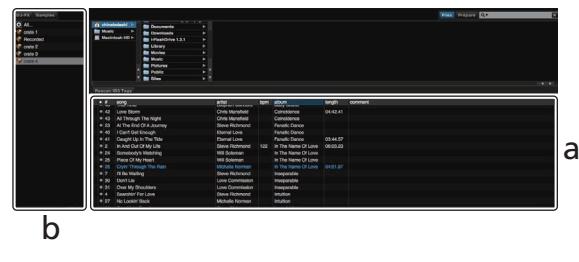
**1** LOAD button

**2** Rotary selector (BACK)

1 Press the rotary selector (BACK) while pressing the [SHIFT] button of this unit to move the cursor to the [crates] panel on the computer screen, then turn the rotary selector (BACK) to select a crate, etc.

2 If the [Files] panel is open, click the [Files] icon to close the [Files] panel.

### 3 Press the rotary selector (BACK) to move the cursor to the library panel on the computer screen, then turn the rotary selector (BACK) and select a track.



a Library panel  
b crates panel

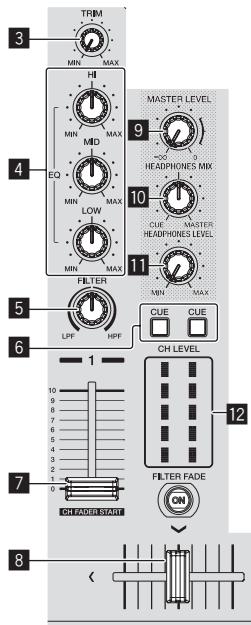
### 4 Press the [LOAD] button to load the selected track onto the deck.

## Playing tracks and outputting the sound

The following describes the procedure for outputting the channel 1 sound as an example.

- Set the volume of the device connected to the [MASTER OUT] terminals (power amplifier, powered speakers, etc.) to an appropriate level. Note that the output sound may be loud if the volume is set too high.

### Mixer section



#### 3 TRIM control

#### 4 EQ (HI, MID, LOW) controls

#### 5 FILTER control

#### 6 Headphones CUE button

#### 7 Channel fader

#### 8 Crossfader

#### 9 MASTER LEVEL control

#### 10 HEADPHONES MIX control

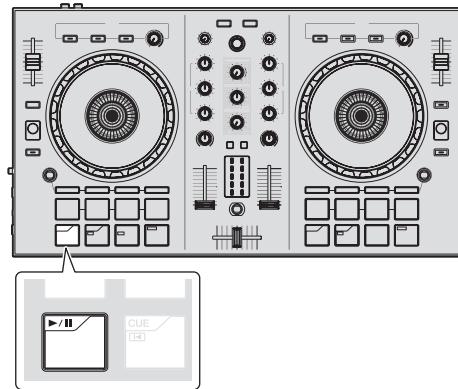
#### 11 HEADPHONES LEVEL control

#### 12 Channel level indicator

- Set the positions of the controls, etc., as shown below.

Names of controls, etc.	Position
TRIM control	Turned fully counterclockwise
EQ (HI, MID, LOW) controls	12 o'clock position
FILTER control	12 o'clock position
Channel fader	Minimum (lowest) position
MASTER LEVEL control	Turned fully counterclockwise
Crossfader	Center position

- Press the [▶/II] button to play the track.



#### 3 Turn the [TRIM] control.

Adjust the [TRIM] control so that the channel level indicator's orange indicator lights at peak level.

#### 4 Move the channel fader to the maximum level.

#### 5 Turn the [MASTER LEVEL] control to adjust the audio level of the speakers.

Adjust the audio level output from the [MASTER OUT] terminals to an appropriate level.

## Monitoring sound with headphones

Set the positions of the controls, etc., as shown below.

Names of controls, etc.	Position
HEADPHONES MIX control	12 o'clock position
HEADPHONES LEVEL control	Turned fully counterclockwise

#### 1 Press the headphones [CUE] button for the channel 1.

#### 2 Turn the [HEADPHONES LEVEL] control.

Adjust the sound level output from the headphones to an appropriate level.



#### Note

This unit and the Serato DJ software include a variety of functions enabling individualistic DJ performances. For details on the respective functions, see the operating instructions and the Serato DJ Intro software manual.

- The operating instructions of this unit can be downloaded from the Pioneer DJ site. For details, see *Viewing the Latest Version of the Operating Instructions* (p. 21).
- The Serato DJ Intro software manual can be downloaded from Serato.com. For details, see *Downloading the Serato DJ Intro software manual* (p. 21).

## Quitting the system

#### 1 Quit Serato DJ Intro.

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.

# Applied Operation

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

## Using the pads

Four modes are available for the DDJ-SB2 pads.

### Pad mode

These control the hot cue, auto loop, manual loop and sampler functions.

These functions are switched using the respective pad mode buttons (the [HOT CUE (HOTCUE5-8)] mode button, [AUTO LOOP (ROLL)] mode button, [MANUAL LOOP (CUE LOOP)] mode button and [SAMPLER (BANK)] mode button).

## Using hot cues

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

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

### 1 Press the [HOT CUE (HOTCUE5-8)] mode button.

The [HOT CUE (HOTCUE5-8)] mode button lights and the hot cue mode is set.

### 2 Press a pad to set the hot cue point during playback or pause.

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



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

Playback starts from the hot cue point.

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

## Using auto loops

Use this procedure to set loops of 1, 2, 4 or 8 beats based on the track's BPM.

### 1 Press the [AUTO LOOP (ROLL)] mode button.

The [AUTO LOOP (ROLL)] mode button lights, and the unit switches to the auto loop mode.

### 2 Press a pad during playback to turn the auto loop on.

The auto loop beats are assigned to the respective pads as shown below.



### 3 Press the pad again to turn the auto loop off.

## Using manual loops

Use this procedure to set loops manually.

### 1 Press the [MANUAL LOOP (CUE LOOP)] mode button.

The [MANUAL LOOP (CUE LOOP)] mode button lights, and the unit switches to the manual loop mode.

### 2 Press pad 1 during playback to set the loop in point.



### 3 Press pad 2 during playback to set the loop out point.

Manual looping between the loop in point and the loop out point starts.

### 4 Press pad 3 during manual loop playback to cancel manual looping.

- When pad 3 is pressed during playback after canceling manual loop playback, playback returns to the previously set loop in point and manual loop playback resumes.

### ❖ Switching the length of manual loops

- When pad 4 is pressed during manual loop playback, the manual loop playback length is cut in half each time the pad is pressed.
- When pad 4 is pressed while pressing the [SHIFT] button during manual loop playback, the manual loop playback length is doubled each time the pad is pressed.

### ❖ Fine-adjusting the length of manual loops

- When pad 1 is pressed during manual loop playback, the loop in point can be fine-adjusted using the jog dial.
  - When pad 1 is pressed again, the fine-adjustment mode is canceled and manual loop playback resumes.
- When pad 2 is pressed during manual loop playback, the loop out point can be fine-adjusted using the jog dial.
  - When pad 2 is pressed again, the fine-adjustment mode is canceled and manual loop playback resumes.

## Using the sampler function

Tracks loaded in the sampler slots of the sampler can be played with the pads.

### 1 Click [Samples] on the computer screen to open the [Samples] panel on the computer screen.

### 2 Press the [SAMPLER (BANK)] mode button.

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

### 3 Operating the mouse on the computer's screen, drag and drop tracks to load them into the [Samples] panel's slots.

The sampler settings and loaded tracks are saved.

### 4 Press a pad.

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



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

## Using effects

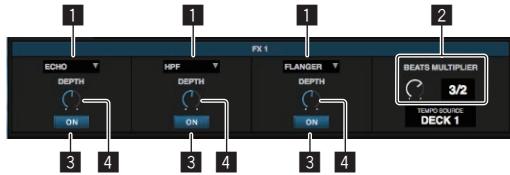
Serato DJ Intro includes two effect units, FX1 and FX2. Three effects per effect unit can be selected for the respective units.

Effect unit FX1 is applied to deck 1, effect unit FX2 is to deck 2.

- FX that can be applied to deck 3 and deck 4 is not available.

### Serato DJ Intro effects unit screen display

When [DJ-FX] on the computer screen is clicked, the [DJ-FX] panel is displayed on the computer screen.



- This displays the effect type.
- This displays the effect time.
- This displays whether the effect is on or off.
- This displays the effect's level.

This unit's effect level controls control the levels of all three of Serato DJ Intro's effects simultaneously.

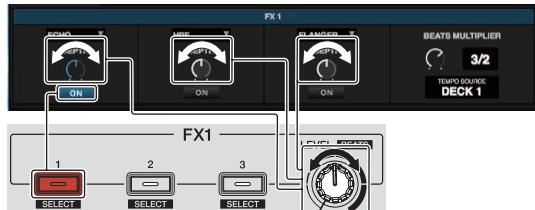
This unit can be used to control up to three effects simultaneously.



## Operating effects

The explanation below describes operation of the first effect for effect unit FX1 as an example.

Note that the procedure described in this manual is just one example; operation is also possible using other procedures.



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

The effect type is displayed on the Serato DJ Intro screen.

### 2 Operate an effect level control to adjust the effect level.

The positions of all three effect level controls on the Serato DJ Intro screen move simultaneously.

- The positions of the effect level controls cannot be moved individually.

### 3 Operate the effect level control while pressing the [SHIFT] button to adjust the effect time.

- To adjust the effect level and the effect time alternately, the position of the effect level control on the Serato DJ Intro screen must be matched to the position of the effect level control on this unit.

For details, see *Performing the operations for adjusting the effect level and adjusting the effect time alternately* on page 17.

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

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

- After turning the effect on, you can repeat steps 2 and 3 to adjust the effect level and effect time.

### 5 Press the effect 1 button to turn the first effect off.

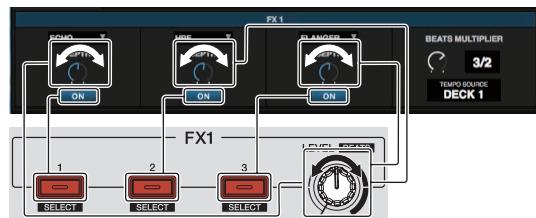
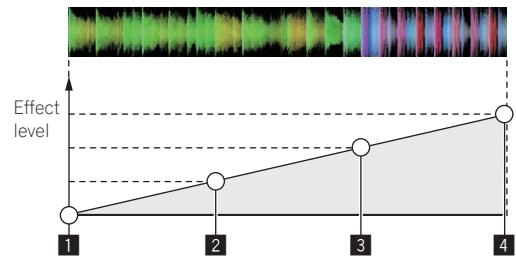
## Operating the three effects simultaneously

The explanation below describes operation of three effects simultaneously as an example.

Note that the procedure described in this manual is just one example; operation is also possible using other procedures.

### Example of operation

- Set the effect level to 0 % (control turned all the way counterclockwise).  
Turn the first effect on.
- While gradually raising the effect level, turn the second effect on.
- While further raising the effect level, turn the third effect on.
- Raise the effect level to 100 % (control turned all the way clockwise).  
Finally, turn all three effects off.



### 1 Select the effect type.

Press the effect 1 button while pressing the [SHIFT] button to select the type of the first effect.

Press the effect 2 button while pressing the [SHIFT] button to select the type of the second effect.

Press the effect 3 button while pressing the [SHIFT] button to select the type of the third effect.

### 2 Operate an effect level control to adjust the effect level.

In this example of operation, the effect level control is set at the fully counterclockwise (0 %) position.

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

The first effect turns on.

### 4 Operate an effect level control to adjust the effect level.

Turn the effect level control gradually clockwise to raise the effect level. With this operation, only the first effect is active.

### 5 Press the effect 2 button to turn the second effect on.

The first and second effects are now on simultaneously.

### 6 Operate an effect level control to adjust the effect level.

Turn the effect level control a little more clockwise to raise the effect level.

With this operation, both the first and second effects are active.

### 7 Press the effect 3 button to turn the third effect on.

The three effects are now on simultaneously.

### 8 Operate an effect level control to adjust the effect level.

Turn the effect level control a little more clockwise to raise the effect level.

With this operation, all three effects are active.

## 9 Turn the effects off.

Press the effect 1 button to turn the first effect off.

Press the effect 2 button to turn the second effect off.

Press the effect 3 button to turn the third effect off.

- When multiple effects are on, their respective effect levels are the same.

The effect levels of the respective effects cannot be adjusted individually.

## Performing the operations for adjusting the effect level and adjusting the effect time alternately

The explanation below describes performing the operations for adjusting the effect level and adjusting the effect time alternately as an example.

Note that the procedure described in this manual is just one example; operation is also possible using other procedures.

### Example of operation

- Adjust the effect level from 0 % (control turned fully counterclockwise) to 100 % (control turned fully clockwise).
- Adjust the effect time from [1/1] to [1/2].
- Adjust the effect level from 100 % (control turned fully clockwise) to 50 % (control set to the center position).

## 1 Operate an effect level control to adjust the effect level.

Adjust the effect level from 0 % (control turned fully counterclockwise) to 100 % (control turned fully clockwise).

- Effect level: 0 % (control turned fully counterclockwise)



- Effect level: 100 % (control turned fully clockwise)



## 2 Operate the effect level control while pressing the [SHIFT] button to adjust the effect time.

Adjust the effect time from [1/1] to [1/2].

The position of the effect level controls on the Serato DJ Intro screen must be matched to the position of the effect level controls on this unit.



When the position of the effect level controls on the Serato DJ Intro screen matches the position of the effect level controls on this unit, the effect time can be adjusted.

- Effect time: [1/2]



## 3 Operate an effect level control to adjust the effect level.

Adjust the effect level from 100 % (control turned fully clockwise) to 50 % (control set to the center position).

The position of the effect level controls on the Serato DJ Intro screen must be matched to the position of the effect level controls on this unit.



When the position of the effect level controls on the Serato DJ Intro screen matches the position of the effect level controls on this unit, the effect time can be adjusted.

- Effect level: 50 % (control set to the center position)

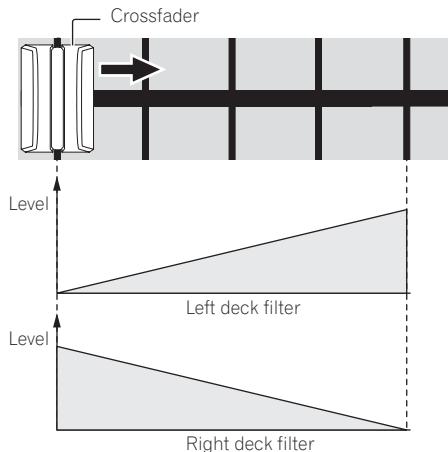


## Using the filter fade function

When the filter fade function is set to on, the filter effect is applied to both decks when the crossfader is operated.

The filter (HPF) effect changes as the tracks on the two decks are mixed, so the tracks blend together smoothly and you can mix them easily without worrying about their genres and tempos.

The explanation below describes the operation of moving the crossfader from the left edge to the right edge to mix the left deck track with the right deck track as an example.



- When the crossfader is moved from the left edge towards the right, the filter (HPF) effect on the left deck track changes from the minimum, increasing as the fader approaches the right edge, until the filter (HPF) effect is maximum when the right edge is reached.
- When the crossfader is moved from the left edge towards the right, the filter (HPF) effect on the right deck track changes from the maximum, decreasing as the fader approaches the right edge, until the filter (HPF) effect is minimum when the right edge is reached.

### 1 Play tracks on the left deck and right deck.

### 2 Press the [FILTER FADE ON] button.

The button flashes and the filter fade function is set to on.

When the filter fade function is set to on, operation of the filter control is disabled.

### 3 Move the crossfader from the left edge to the right edge, or from the right edge to the left edge.

To mix from the left deck track to the right deck track, move the crossfader from the left edge to the right edge.

To mix from the right deck track to the left deck track, move the crossfader from the right edge to the left edge.

### 4 Press the [FILTER FADE ON] button again.

The button lights and the filter fade function is set to off.

When the filter control is operated while the filter fade function is set to on, the filter control position at the time the filter fade function was set to off is set.

## Using pad trans

This function cuts the sound according to the beat timing of the BPM of the track that is loaded in the deck.

### 1 Press the [PAD TRANS (TAP)] button.

The [PAD TRANS (TAP)] button lights and the mode switches to the pad trans mode.

The pad trans beats are assigned to the respective pads as shown below.



### 2 Press and hold a pad during playback.

The sound is cut according to the beat timing while the pad is pressed and held.

- The pad trans mode will not operate when the channel fader is lowered to the bottommost position. Use the mode with the channel fader raised.

### 3 Release your finger from the pad.

Normal playback resumes.

- To cancel the pad trans mode, press the [PAD TRANS (TAP)] button.

## Changing the tempo of the pad trans mode

In the pad trans mode, there are two modes for setting the tempo: 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 tempo.

### ❖ Manual tempo mode

The track's BPM value is calculated from the interval at which the [PAD TRANS (TAP)] button was tapped with a finger while the [SHIFT] button is pressed.

### ❖ Switching to the manual tempo mode

**Press the [PAD TRANS (TAP)] button three or more times while pressing the [SHIFT] button while in the auto tempo mode.**

- If the [PAD TRANS (TAP)] button is pressed for at least 1 second while pressing the [SHIFT] button while in the manual tempo mode, the mode switches to the auto tempo mode.
- BPM values set in the manual tempo mode are not displayed.

## Mixing the sound of the microphone

### 1 Connect the microphone to the [MIC] terminal (1/4" TS jack).

### 2 Start up the system.

⇒ *Starting the system* (p.12)

### 3 Turn the [MIC LEVEL] control.

This adjusts the output audio level.

Pay attention that rotating to the extreme right position outputs a very loud sound.

Microphone audio output is only supported with the [MASTER OUT] terminal.

## Analyzing tracks

When one of this unit's [LOAD] buttons is pressed and tracks are loaded onto the decks, the tracks are analyzed, but some time may be required until analysis is completed and the BPM and waveform are displayed. When the Serato DJ software is used as an offline player, tracks can be analyzed ahead of time. For tracks whose analysis has been completed, the BPM and waveform are displayed immediately when the tracks are loaded onto the decks.

For details on using the Serato DJ software as an offline player and instructions on analyzing tracks, see the Serato DJ software manual.

- Depending on the number of tracks, some time may be required for analysis.

# Utilities modes

The following settings can be changed:

- Channel fader start setting
- Demo mode setting
- Jog dial MIDI message sending interval setting

## Launching utilities mode

If the utilities mode is launched while the DJ application is running, the set status may not be displayed properly.

### 1 Quit the DJ application on the computer.

### 2 Disconnect the USB cable from the main unit.

Turn off the power of this unit.

- Do not disconnect the USB cable from the computer.

### 3 Connect the USB cable to the main unit while pressing both the pad 1 button and pad 4 button on the left deck.

Utilities mode is launched.

### 4 After setting utilities mode, operate the controller for the items whose settings you want to change.

See the explanations below for the settings that can be changed.

### 5 Disconnect the USB cable connecting this unit to the computer and save the settings.

To save the settings, this unit's power must be turned off.

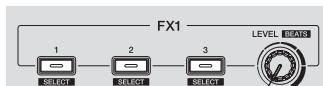
## Changing the settings

### Changing the channel fader start setting

The channel fader start function's setting can be changed.

- By default, the channel fader start mode functions without the sync mode set.

### Launch utilities mode, then press one of the left deck's effect buttons.



- Effect 1 button lit: Channel fader start with the sync mode set (The sync function is activated simultaneously when channel fader starting starts.)
- Effect 2 button lit: Channel fader start without the sync mode set (The sync function is not activated when channel fader starting starts.)
- Effect 3 button lit: Channel fader start function disabled

### 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.

### Launch the utilities mode and press the [VINYL (SLIP)] button on the left side.

- [VINYL (SLIP)] button lit: Demo mode enabled
- [VINYL (SLIP)] button off: Demo mode disabled

### Adjusting the jog dial's MIDI message sending interval

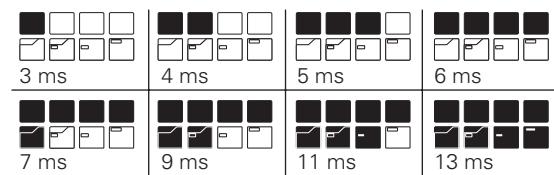
This unit is equipped with a mode for adjusting the jog dial's MIDI message sending interval.

Depending on your computer's operating system and specifications, the jog dial may not operate properly if the sending interval of MIDI message for JOG dial is too short. In this case, follow the procedure below to adjust the MIDI message sending interval.

- From a short MIDI message sending interval setting, increase the interval to a length at which no problems occur.
- The default is 3 ms.

### Launch utilities mode, then press the left deck's [SAMPLER (BANK)] mode button.

The MIDI message sending interval setting changes each time the button is pressed. You can determine the current setting value from the lighting state of the pads, [▶/II] button, [CUE (I◀)] button, [SYNC (OFF)] button, and [SHIFT] button.



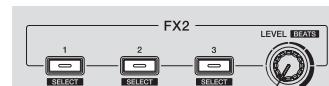
### Changing the back spin length

This unit can perform back spin longer than the actual jog dial rotation amount when the back spin operation of the jog dial is performed.

The length of back spin can be selected from one of three types: short, normal, and long.

- The default setting is back spin length normal.

### Launch utilities mode, then press one of the right deck's effect buttons.



- Effect 1 button lit: Back spin length short
- Effect 2 button lit: Back spin length normal
- Effect 3 button lit: Back spin length long

# Additional information

## Troubleshooting

- If you think that there is something wrong with this unit, check the items below and access the Pioneer DJ site and check [FAQ] for the [DDJ-SB2].  
<http://www.pioneerdj.com/>  
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? Is the supply of power from the connected computer's USB port insufficient?	Connect the included USB cable properly. 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.	Is the included USB cable properly connected? Are you using a USB hub? Is the driver software properly set? (Windows) Are you using the latest version of the Serato DJ Intro software?	Connect the included USB cable properly. USB hubs cannot be used. Connect the computer and this unit directly using the included USB cable. Set the driver software properly. (The driver software is not required for a Mac (OS X). (page 3) Update the software to the latest version.
Tracks are not displayed in the library panel.	Have music files been imported? Is a crate or subcrate that does not contain any tracks selected?	Import the music files properly. For details on importing music files, see the Serato DJ Intro software manual. Either select a crate or subcrate that contains any tracks or add tracks to the crate or subcrate.
iTunes tracks are not displayed in the library panel.	Is [Show iTunes Library] on the [SETUP] menu checked? Is a crate or subcrate that does not contain any tracks selected?	Check [Show iTunes Library]. For details on importing music files, see the Serato DJ Intro software manual. Either select a crate or subcrate that contains any tracks or add tracks to the crate or subcrate.
No sound or small sound.	Are the [TRIM] control, channel faders, crossfader and [MASTER LEVEL] control set to the proper positions?  Is the connected, power amplifier, powered speakers, etc., properly set? Are the connection cables properly connected? Are the terminals and plugs dirty? Is the driver software properly set? (Windows)	Set the [TRIM] control, channel faders, crossfader, and [MASTER LEVEL] control to the proper positions. Furthermore, if the values controlled by Serato DJ Intro when the decks are switched differ from the positions of this unit's controls, faders, etc., the controls, faders, etc. must be moved to the positions corresponding to the values controlled by Serato DJ Intro before they will operate. (page 7) Properly set the external input selection, volume, etc., on the power amplifier, powered speakers, etc. Connect the connection cables properly. Clean the terminals and plugs before making connections. Set the driver software properly. (The driver software is not required for a Mac (OS X). (page 3)
The pad trans mode does not operate.	Is the channel fader lowered to the bottommost position?	The pad trans mode will not operate when the channel fader is lowered to the bottommost position. Use the mode with the channel fader raised.
After jog dial rotation stops, the track playback position may advance in the rotation direction.	Is the back spin length setting of the utilities mode set to standard or long?	Set the back spin length setting of the utilities mode to short. When the jog dial rotation stops, playback pauses at that position or normal playback starts from that position.
Distorted sound.	Is the [TRIM] control set to the proper position?  Is the [MASTER LEVEL] control set to the proper position?  Is the level of audio input to the [MIC] terminal (1/4" TS jack) set to an appropriate level?	Adjust the [TRIM] control so that the channel level indicator's orange indicator lights at peak level. Adjust the [MASTER LEVEL] control according to the devices to be connected. Set the audio level input to the terminals to a suitable level for the connected devices.
Sound being played is interrupted when using DJ software.	Is the driver software's latency value suitable?	Set the driver software's latency to a suitable value. Set the DJ software's latency to a suitable value.
Sound is interrupted when the ASIO driver is set.	Has the ASIO driver been set with Serato DJ Intro running?	Set the ASIO driver before launching Serato DJ Intro. (page 6)
The indicator flashes and operation is strange.	—	It is sometimes possible to restore normal operation by disconnecting the included USB cable, waiting at least 1 minute, then reconnecting the USB cable. If the same problem persists, disconnect the USB cable then request repairs.
Tone does not change when the [FILTER] control is operated.	Is the filter fade function on? When the filter fade function is on, the tone does not change when the [FILTER] control is operated.	Turn the filter fade function off.

Problem	Check	Remedy
Serato DJ Intro operation is unstable.	Are you using the latest version of the software? Are you using softwares other than Serato DJ Intro at the same time?	Free updates of Serato DJ Intro can be downloaded from the website. Use the most recent version. (page 4) Quit other applications to decrease the load on the computer. If operation continues to be unstable, try disabling the wireless network or other wireless connections, antivirus software, the screen saver, the low power mode, etc.
	Is another USB device connected to the computer?	Disconnect other USB devices from the computer. When another USB audio device is connected to the computer at the same time, it may not operate or be recognized normally.
	Are you using a USB hub?	USB hubs cannot be used. Connect the computer and this unit directly using the included USB cable.
	There is a problem with the USB port to which this unit is connected.	If your computer has multiple USB ports, try connecting this unit to a different USB port.
	Is this unit connected to a notebook computer running on its battery?	Supply power to the notebook computer from an AC power supply. (Depending on the notebook computer's settings, the low power mode may be set when the computer is running on its battery, automatically reducing the performance of the computer itself.)
	The USB buffer size is too small.	Raise the USB buffer size. (page 6)
The BPM is not displayed. The sync and auto loop functions do not work.	Has the track been analyzed? Is [Set Auto BPM] checked in the offline player settings?	Analyze the track. Re-analyze the track with [Set Auto BPM] checked. For detailed instructions on analyzing tracks, see the Serato DJ Intro software manual.
BPM is not displayed properly.	Is the BPM analysis range set appropriately in the offline player settings?	Change the BPM analysis range, then re-analyze the track. If this does not solve the problem, set the BPM manually.
The Serato DJ Intro screen does not become 4-deck display.	Check the settings of the Serato DJ Intro screen.	Click the [4-Deck Vertical Display Mode] icon at the top left of the Serato DJ Intro screen. (page 12)

## Acquiring the manual

The various instructions are sometimes provided as files in PDF format. Adobe® Reader® must be installed in order to view files in PDF format.

### Viewing the Latest Version of the Operating Instructions

#### 1 Launch a web browser on the computer and access the Pioneer DJ site below.

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

- To switch the screen to Japanese display, scroll the screen to the bottom, click the [EN] indication at the bottom right of the screen and then select [JA].

#### 2 Click the [Support] icon.

#### 3 Click the [FIND TUTORIAL & MANUALS] icon.

#### 4 Click the [DDJ-SB2] icon in the [CONTROLLER] category.

#### 5 Click on the required language on the download page.

Download the Operating Instructions as necessary.

## Downloading the Serato DJ Intro software manual

#### 1 Access the Serato site.

<http://serato.com/>

#### 2 Click the [Serato DJ Intro] icon of [DJ PRODUCTS].

#### 3 Click the [Download SERATO DJ INTRO] icon.

#### 4 Click the [Manuals and Quickstart Guides] icon.

#### 5 Click the Serato DJ Intro software manual of the required language.

## Using as a controller for other DJ software

This unit 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. The sound of music files being played on the computer can also be output from the DDJ-SB2.

To use as a controller for operating DJ software other than the Serato DJ Intro software, also make the DJ software's audio and MIDI-related settings.

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

## 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://www.pioneerdj.com/>

## About the driver software (Windows)

This driver software is this unit's dedicated ASIO driver for outputting the audio of a computer from an audio terminal of the unit.

- There is no need to install the driver software when using a Mac (OS X).
- First read the *Software end user license agreement* on page 22 carefully.

## Operating environment

### Supported operating systems

Windows® 8.1/8, Windows® 8.1/8 Pro	32-bit version ✓ 64-bit version ✓ <sup>①</sup>
Windows® 7 Home Premium/Professional/Ultimate	32-bit version ✓ 64-bit version ✓ <sup>①</sup>

<sup>①</sup> When using a 64-bit version of Windows, the driver software can only be used for 32-bit applications.

## Checking the latest information on the driver software

For the latest information on this unit's dedicated driver software, see the Pioneer DJ site below.  
<http://www.pioneerdj.com/>

## About the installation procedure

- For the operating procedure, see *Installation Procedure (Windows)*.

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