

Pioneer

Serato DVS Manual

Table of contents

Before Start

Purchasing Serato DVS Expansion Pack

- Launching Serato DJ to display my serato window
- Entering your account info you have created in Serato.com
- Steps to purchase Serato DVS Expansion Pack

Activating Serato DVS Expansion Pack

- Entering the voucher code on Serato DVS Expansion Pack
- Checking the activated Serato DVS Expansion Pack on SETUP screen
- Rebooting Serato DJ

GUI of Virtual Decks

- GUI of a virtual deck in [REL] mode
- GUI of a virtual deck in [ABS] mode

Preparating for using DVS

- Connecting DDJ-SX2 to analog players
- Connecting DDJ-SX2 to DJ players
- Settings in the mixer section
- Settings of Serato DJ
- Calibrating the control signal

Playing a track using DVS

- Selecting [REL] mode / [ABS] mode
- Importing a track
- Loading and playing a track
- Restricted functions when using [REL] mode / [ABS] mode

Troubleshooting

Before Start

- Thank you for purchasing DDJ-SX2.
DDJ-SX2 supports DVS feature of Serato DJ. If you buy separate [Serato DVS Expansion Pack] from Serato, you will be able to use DJ players and analog players connected to DDJ-SX2 to control Deck 1 and Deck 2 on Serato DJ.
- In order to use the DVS feature of Serato DJ, you need to buy [Serato DVS Expansion Pack] on the my serato window or at the Serato Online Store and activate this feature. Internet access is required to go through these steps. (Use of the Internet requires a separate contract with a provider offering Internet services and payment of provider fees.)
- When you use DDJ-SX2 with the DVS feature, Deck 1 and Deck 2 on Serato DJ can be used for DVS.
- Some functions are not available while you use DVS due to influence from this function. Please see the section "Restricted functions when using [REL] mode / [ABS] mode" for further details.
- While the DVS feature is enabled, Serato DJ can not record a mixed sound from DDJ-SX2. (If you disable the DVS feature, the recording feature will be available. Please see the section "Checking the activated Serato DVS Expansion Pack on SETUP screen" for further details.
- Please note that the specifications of Serato DJ, Serato DVS Expansion Pack, and DDJ-SX2 are subject to change without notice.

※ Please see the Serato website from the link below for details of support information of Serato DVS Expansion Pack.
<https://support.serato.com/hc/en-us>

DVS :

An abbreviation of Digital Vinyl System. This system plays music files stored on a PC / Mac in line with the play position / speed of a control disc (a CD / record compiling special signals for the control of DJ software).

Purchasing Serato DVS Expansion Pack

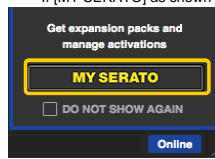
Here are the steps to buy Serato DVS Expansion Pack on the my serato window of Serato DJ.

- You can also buy it from the Serato Online Store shown below.
<http://store.serato.com/us/software>
-
-

Launching Serato DJ to display my serato window

- Connect DDJ-SX2 and a computer using a USB cable.
Then, press [STANDBY/ON] switch on the rear of DDJ-SX2 to turn the power on.
- Launch Serato DJ.
For Windows 7:
From the Windows [Start] menu, click the [Serato DJ] icon under [All Programs] > [Serato] > [Serato DJ].
For Windows 8.1:
From [Apps view], click the [Serato DJ] icon.
For Mac OS X:
In Finder, open the [Applications] folder, then click the [Serato DJ] icon.

- When Serato DJ is launched, click [MY SERATO] on right bottom of the screen.
 - If [MY SERATO] as shown below does not appear, click [Online].



Entering your account info you have created in Serato.com

- When the following window appears, enter your email address you used when you created your account in Serato.com and click [CONTINUE].

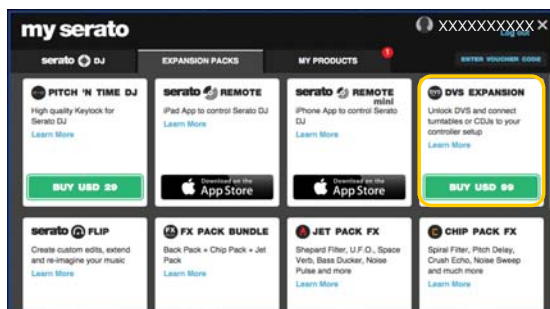


- When the following window appears, enter your password you used when you created your account in Serato.com and click [LOGIN].



Steps to purchase Serato DVS Expansion Pack

- Click the [EXPANSION PACKS] tab of the my serato window.

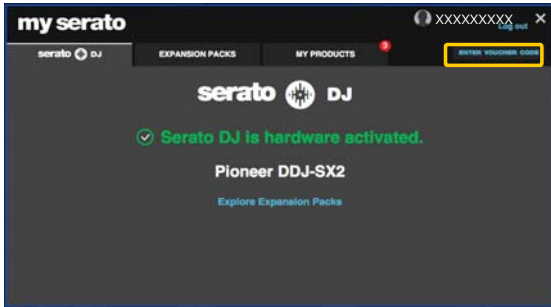


- Select [DVS EXPANSION] and click the [BUY USD XX] button.
- Follow the instruction on the window to enter necessary information.
- A voucher code for Serato DVS Expansion Pack will be sent from Serato. Please be sure to keep it in a safe place so as not to lose it.

Activating Serato DVS Expansion Pack

Entering the voucher code on Serato DVS Expansion Pack

- 1) Click the [ENTER VOUCHER CODE] on the upper right of the my serato window.



- 2) Enter the voucher code sent from Serato.



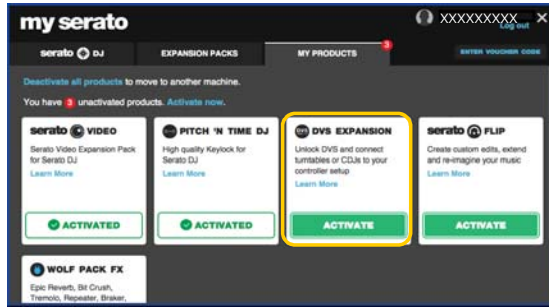
- 3) Click [ACTIVATE] after entering your voucher code.

Checking the activated Serato DVS Expansion Pack on SETUP screen

- 1) Click [SETUP] on the upper right of the main screen of Serato DJ to show the SETUP screen.
- 2) Click the [Expansion Packs] tab and select [Vinyl/CDJ Control].



- If [Vinyl/CDJ Control] is not displayed, click the [MY PRODUCTS] tab from the my serato window to see if [DVS EXPANSION] is activated. When the following window is shown, click [ACTIVATE] in the DVS EXPANSION part.



- 3) Please check if the checkbox of [Enable Vinyl/CDJ control] is ticked.
 - If it is not ticked, please tick the checkbox.



- ※ Once Serato DVS Expansion Pack is activated, the soundcard mode of DDJ-SX2 is switched to [DVS mode]. While DDJ-SX2 is switching to [DVS mode], the following [Screen 1] is shown. Please wait around 1 minute until the process is completed. [Screen 2] is shown once the process is completed.

Screen 1



Screen 2



- ※ If you untick the checkbox of [Enable Vinyl/CDJ control], the soundcard mode of DDJ-SX2 will be switched to [Controller Mode].
- ※ When [Controller Mode] is selected as the soundcard mode, bit depth of audio data becomes 24 bits and Stereo 1 channel is available for audio data input to a computer. If you want to record the sound using Serato DJ, untick the checkbox of [Enable Vinyl/CDJ control] to enter this mode.
- ※ When [DVS Mode] is selected as the soundcard mode, bit depth of audio data becomes 16 bits and Stereo 2 channel is available for audio data input to a computer. If you want to use DVS feature, tick the checkbox of [Enable Vinyl/CDJ control] to enter this mode.

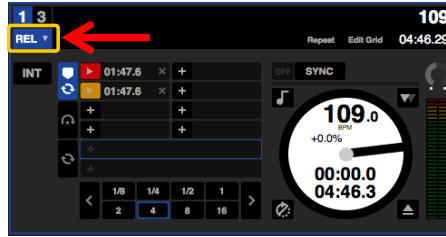
Rebooting Serato DJ

- 1) Close Serato DJ.
 - Press the [esc] key on the computer keyboard to show the following window. Then, click [Yes].



- 2) Press the [STANDBY/ON] switch on the rear of DDJ-SX2 to turn the power off and wait about a minute before turning on the power of the controller again.
- 3) Launch Serato DJ.

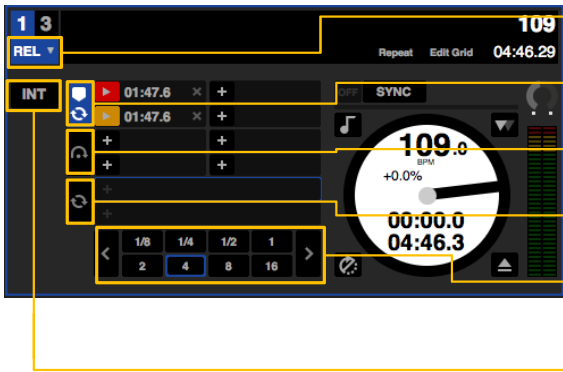
- 4) Wait until virtual decks with the Vinyl control mode button appears.



※ It may take some time before virtual decks with the Vinyl control mode button appears.

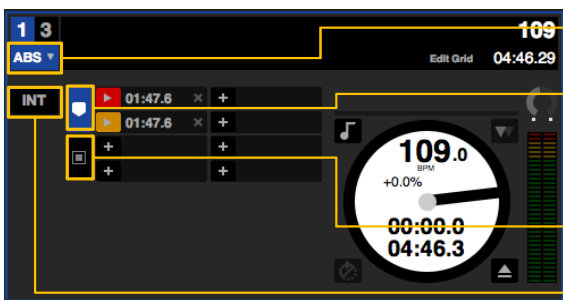
GUI of Virtual Decks

GUI of a virtual deck in [REL] mode



- [1] Vinyl control mode button
Select [REL] mode or [ABS] mode.
- [2] Cue point tab
Hot Cue points and some Loop Slots are shown.
- [3] Flip tab
Flip slots are shown.
- [4] Loop tab
Loop slots are shown.
- [5] Autoloop defined length
Loop length in autoloop and cue loop are shown.
In Loop Roll, which pad is used for which loop length is shown.
- [6] Internal mode button
Internal (INT) mode should be selected when you do not use DVS feature and you want to use the JOG platters and buttons of DDJ-SX2 to control track playback.

GUI of a virtual deck in [ABS] mode



- [7] Vinyl control mode button
Select [REL] mode or [ABS] mode.
- [8] Cue point tab
Hot Cue points and some Loop Slots are shown.
- [9] Album Art tab
Album Art is displayed.
- [10] Internal mode button
Internal (INT) mode should be selected when you do not use DVS feature and you want to use the JOG platters and buttons of DDJ-SX2 to control track playback.

※ In [ABS] mode, you can set Hot Cue points, but can not call them.

- ※ [REL] mode
[REL] mode observes only the relative forward and backward movement of the control record / CD. Hot Cues and Loops can be played just like using CDJs.
- ※ [ABS] mode
When using [ABS] mode, playback position of a track will be linked with playback position of the control record / CD.

Preparing for using DVS

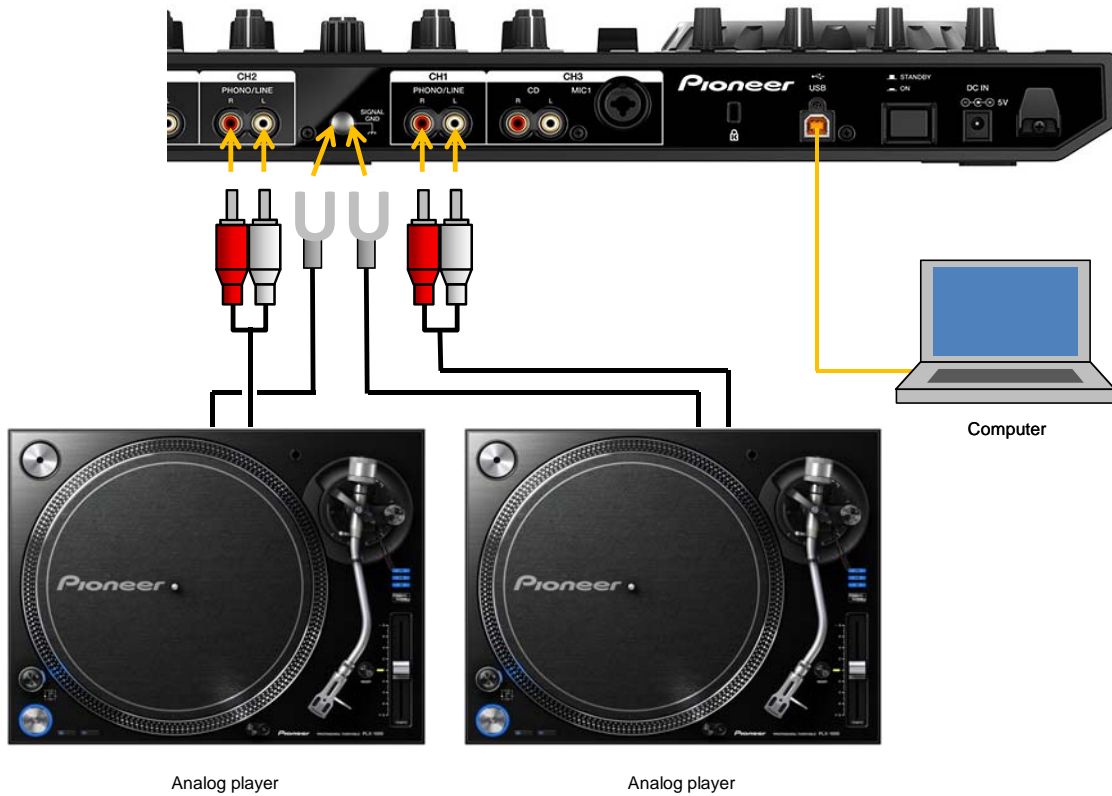
Connecting DDJ-SX2 to analog players

- ※ If you use DJ players, skip this section and go to [Connecting DDJ-SX2 to DJ players].
- ※ When using the DVS feature, you can not use the combination of an analog player and a DJ player. Be sure to use the combination of 2 analog players or 2 DJ players.

- 1) Press the [STANDBY/ON] switch on the rear of DDJ-SX2 to turn the power off.
- 2) Connect the output terminals of analog players and [PHONO/LINE] input terminals of DDJ-SX2 using RCA cable.
- 3) Connect the grounding wires of analog players to the [SIGNAL GND] terminal of DDJ-SX2.

※ Be sure to connect the grounding wire of the analog player to the [SIGNAL GND] terminal of DDJ-SX2 so that the control signal from the analog player can be stabilized.

- 4) Connect DDJ-SX2 to a computer using a USB cable included in the box of DDJ-SX2.



- 5) Select [PC] in the [INPUT SELECT] switches on channel 1 and channel 2.

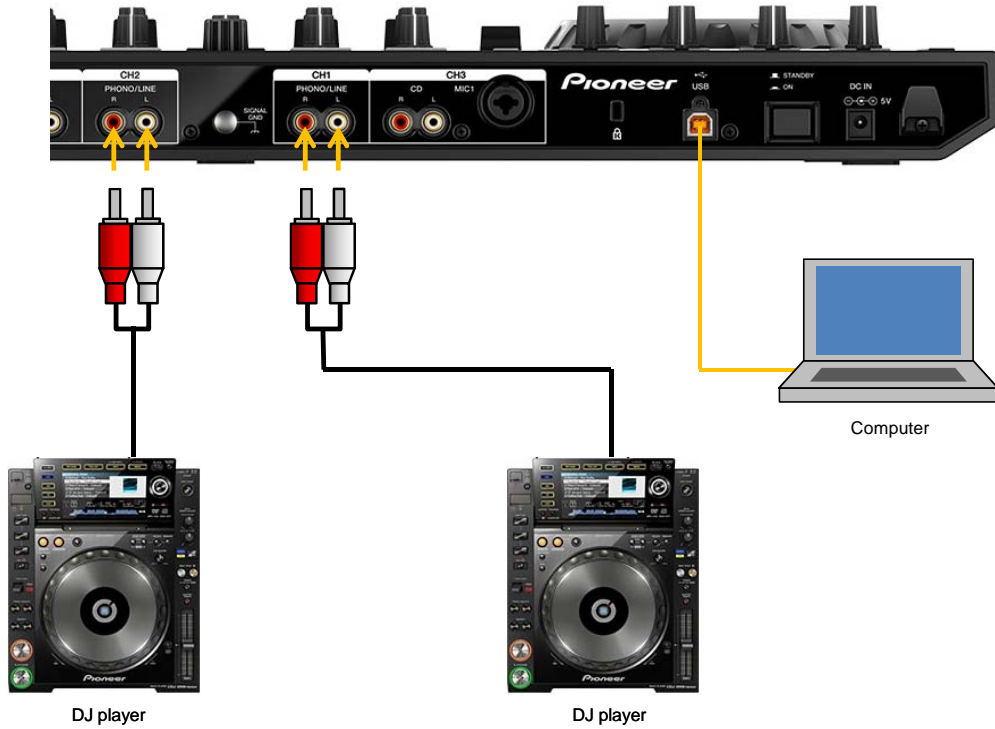


※ For the connection of [MASTER OUT 1] terminal, [MASTER OUT 2] terminal, [BOOTH OUT] terminal, and [PHONES] terminal to the devices, please see the Operating Instructions of DDJ-SX2.

- 6) After completing all the connections, press the [STANDBY/ON] switch on the rear of DDJ-SX2 to turn the power on.
- 7) Turn the power of devices connected to the input and output terminals of DDJ-SX2.

Connecting DDJ-SX2 to DJ players

- 1) Press the [STANDBY/ON] switch on the rear of DDJ-SX2 to turn the power off.
- 2) Connect the output terminals of DJ players and [PHONO/LINE] input terminals of DDJ-SX2 using RCA cable.
- 3) Connect DDJ-SX2 to a computer using a USB cable included in the box of DDJ-SX2.



- 4) Select [PC] in the [INPUT SELECT] switches on channel 1 and channel 2.



※ For the connection of [MASTER OUT 1] terminal, [MASTER OUT 2] terminal, [BOOTH OUT] terminal, and [PHONES] terminal to the devices, please see the Operating Instructions of DDJ-SX2.

- 5) After completing all the connections, press the [STANDBY/ON] switch on the rear of DDJ-SX2 to turn the power on.
- 6) Turn the power of devices connected to the input and output terminals of DDJ-SX2.

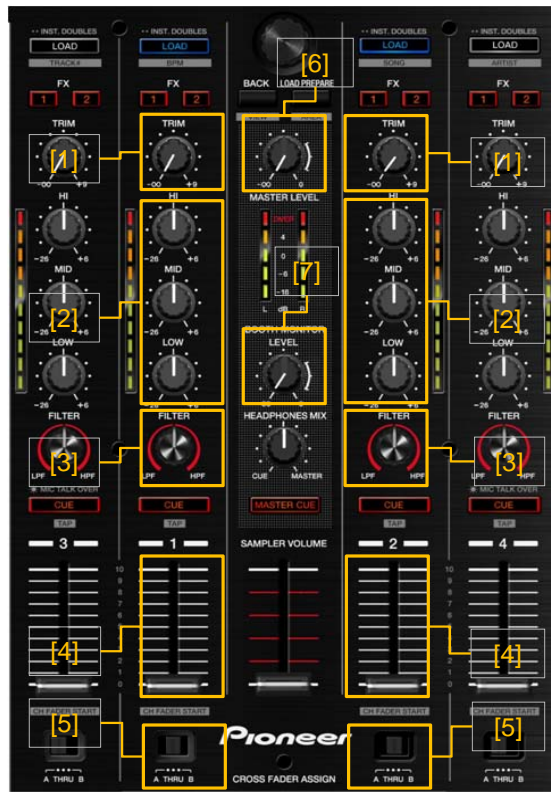
Settings in the mixer section

Set the following knobs of [TRIM], [EQ (HI,MID,LOW)], and [FILTER], Channel faders, and Crossfader assign switches on both Channel 1 and Channel 2 as listed below.

	Name of controls	Settings
[1]	[TRIM] knob	Far left position
[2]	[EQ(HI,MID,LOW)] knob	At the center position
[3]	[FILTER] knob	At the center position
[4]	Channel fader	At the closest to you
[5]	Crossfader assign switch	Select [THRU]

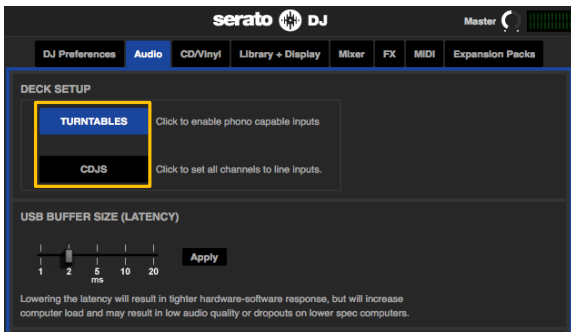
Turn the [MASTER LEVEL] knob and [BOOTH MONITOR LEVEL] knob to the far left positions.

	Name of controls	Settings
[6]	[MASTER LEVEL] knob	Far left position
[7]	[BOOTH MONITOR LEVEL] knob	Far left position



Settings of Serato DJ

- 1) Click [SETUP] on the upper right of the main screen of Serato DJ to show the SETUP screen.
- 2) Click the [Audio] tab to select either [TURNTABLES] or [CDJS].
 - If you use analog players, select [TURNTABLES] and if you use DJ players, select [CDJS].



- ※ If you use analog players with built-in phono equalizer, please select [CDJS].
- ※ When using the DVS feature, you can not use the combination of an analog player and a DJ player. Be sure to use the combination of 2 analog players or 2 DJ players.

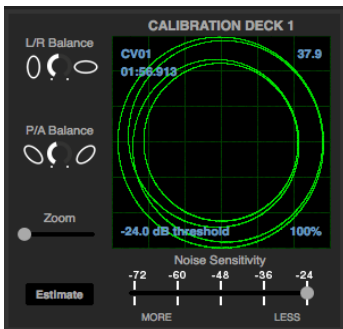
Calibrating the control signal

- 1) Put a control record on an analog player or insert a control CD to a DJ player.

※ Control records are sold separately at the nearest Serato DJ dealer or at the Serato Online Store below.
<http://store.serato.com/us/vinyl/>

※ Free download of Control CDs is available from the Serato webpage below.
<http://serato.com/controlcd/downloads>

- 2) Play the control record / CD using the player.
- 3) Click [SETUP] on the upper right of the main screen of Serato DJ to show the SETUP screen.
- 4) Green rings are displayed in the scope of calibration deck. Adjust the green rings to be round shape with crisp clean lines.



- [L / R Balance] Calibrate the vertical distortion
- [P / A Balance] Calibrate the horizontal distortion.
- [Zoom] Magnify the rings in the scope.
- [Noise Sensitivity] If the input signal level is less than the sensitivity setting, it is handled as noise.
- [Estimate] Put the needle on the record on the stopped analog player or have the DJ player paused / stopped. Click and hold the [Estimate] button to see the [Noise Sensitivity] slider moving and hold the button until the slider stops moving.

Please see the Serato DJ Software Manual for further details.
 Serato DJ Software Manual can be downloaded from the following URL.
<http://serato.com/dj/downloads>

※ If the calibration deck is not shown, please check if the checkbox of [Enable Vinyl/CDJ control] is ticked under [Vinyl/CDJ Control] after selecting [Expansion Packs] tab from the SETUP screen.

※ If the green rings are not shown in the scope, please check the following items:

- Ensure that an analog player or a DJ player is properly connected to DDJ-SX2 using RCA cable.
- Ensure that a grounding wire of an analog player is connected to the [SIGNALGND] terminal of DDJ-SX2.
- Ensure that [PC] is selected on the [INPUT SELECT] switch on DDJ-SX2.
- Ensure that [TURNTABLES] / [CDJS] is properly selected in the [Audio] tab from the SETUP screen of Serato DJ.

- 5) The above calibration process should be performed on both Deck 1 and Deck 2.

Playing a track using DVS

Selecting [REL] mode / [ABS] mode

There are 3 options of playback mode when the checkbox of [Enable Vinyl/CDJ control] is ticked on the SETUP screen.

[REL] mode:

[REL] mode observes only the relative forward and backward movement of the control record / CD. Hot Cues and Loops can be played just like using CDJs.

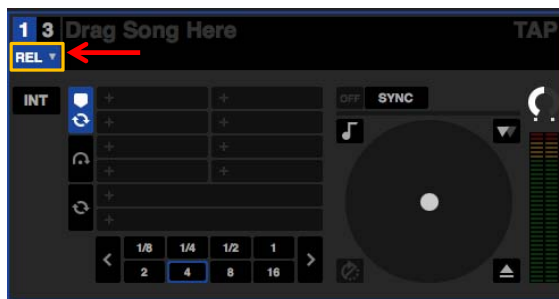
[ABS] mode:

When using [ABS] mode, playback position of a track will be linked with playback position of the control record / CD.

[INT] mode:

This mode should be selected when the control records / CDs are not used. You can use the JOG platters and buttons of DDJ-SX2 to control track playback.

Click the Vinyl control mode button to select [REL] mode / [ABS] mode on the virtual decks of the GUI.



Importing a track

Please see the Serato DJ Software Manual for the details of importing a track. You can download the Serato DJ Software Manual from the URL below.
<http://serato.com/dj/downloads>

Loading and playing a track

※ Be sure to appropriately adjust the volume level of devices connected to [MASTER OUT 1], [MASTER OUT 2], and [BOOTH OUT] terminals. Please note, if the volume level is too high, loud sound will be output.

- 1) Press the [BACK] button on DDJ-SX2 to move the cursor to [crates] panel on the GUI and turn the rotary selector to select a crate.
- 2) Press the rotary selector to move the cursor on the library of the GUI and turn the rotary selector to select a track.
- 3) Press the [LOAD] button to load the selected track to a Deck.
- 4) Play a control record or a control CD by operating the player. The loaded track will be played.
- 5) Turn the [TRIM] knob. Adjust the [TRIM] knob so that the orange indicator on the channel level indicator lights at the peak level.
- 6) Move the Channel fader away from you.
- 7) Turn the [MASTER LEVEL] knob to adjust the sound level of the speakers. Adjust the sound level output from the [MASTER OUT 1] and [MASTER OUT 2] terminals to an appropriate level.

Restricted functions when using [REL] mode / [ABS] mode

Some functions are not available while you use DVS due to influence from this function.
Please see the list below for details.

Function Group	Function name	[REL] mode	[ABS] mode
Performance Pad			
	Hot Cue	✓	✓ ※
	Roll	✓	✗
	Slicer / Slicer Loop	✓	✗
	Sampler / Velocity Sampler	✓	✓
	Cue Loop / Saved Loop	✓	✗
	Saved Flip	✓	✗
Loop			
	Auto Loop / Loop Active	✓	✗
	Loop Half / Loop Double / Loop Shift	✓	✗
	Loop In / Loop Slot Select / 4-Beat Loop	✓	✗
	Loop Out / Re loop / Loop Exit	✓	✗
Transpose			
	Play / Pause / Stutter	✗	✗
	Temporary Cue	✓	✗
	Sync	✓	✗
JOG Platter			
	Scratch	✗	✗
	Pitch bend / Skip	✓	✗
Tempo Control			
	Tempo Slider	✗	✗
	Key Lock	✓	✓
	Tempo Reset / Tempo Range	✗	✗
Flip			
	Flip Rec / Flip Loop	✓	✗
	Flip Start / Flip On/Off	✓	✗
	Flip Slot Select / Flip Save	✓	✗
Other Functions			
	Needle Search	✓	✗
	Slip Hot Cue	✓	✗
	Slip Auto Loop / Slip Manual Loop	✓	✗
	Slip Braking / Slip Scratch	✗	✗
	Censor	✓	✗
	Reverse Play	✗	✗
	Channel fader Start / Crossfader Start	✗	✗
	Record	✗	✗

✓ Available ✗ Unavailable

※ You can only set Hot Cue points, but can not call them

Troubleshooting

Problem	Check	Remedy
Recording is not possible.	Is the DVS feature enabled ?	Untick the checkbox of [Enable Vinyl/CDJ control] from the SETUP screen to disable the DVS feature.
Green rings are not shown in the scope of a calibration deck.	Is the [Zoom] slider set to the appropriate position ?	Adjust the [Zoom] slider so that green rings are shown in the scope.
	Are channel 3 and channel 4 [CD] terminals on DDJ-SX2 connected with analog players or DJ players using RCA cable ?	Channel 3 and channel 4 are not available as DVS feature. Connect analog players or DJ players with channel 1 and channel 2 [PHONO/LINE] terminals using RCA cable.
	Is the [TURNTABLES] / [CDJS] setting on the SETUP screen appropriate ?	When using analog players, select [TURNTABLES] on [DECK SETUP] of the SETUP screen. When using DJ players, select [CDJS] on [DECK SETUP] of the SETUP screen.
	Are the [INPUT SELECT] switches set to [PC] position ?	Set the [INPUT SELECT] switches to [PC] position when using DVS feature.
	Are analog players connected with the [SIGNAL GND] terminal of DDJ-SX2 using grounding wire ?	Connect analog players with the [SIGNAL GND] terminal using grounding wire.
Hot Cue points can not be called. Loop playback is not possible.	Is the Vinyl control mode set to [ABS] mode ?	If you want to use Hot Cue and Loop function, set to [REL] mode.

About trademarks and registered trademarks

- Pioneer is a registered trademark of PIONEER CORPORATION.
- Windows is a registered trademark of Microsoft Corporation in the United States and other countries.
- Mac OS and Finder are trademarks of Apple Inc., registered in the U.S. and other countries.
- Serato DJ and Serato DVS Expansion Pack are registered trademarks of Serato Audio Research Ltd., registered in the U.S. and other countries.

©2014 PIONEER CORPORATION.

All rights reserved.

PIONEER CORPORATION

1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan