

DDJ-SP1

Hardware Diagram for Serato Scratch Live 2.5



Group	No.	Name	Operation	Function	LED control	(+SHIFT)	LED control
Browse	B1	BROWSE	Turn	Move a cursor within the track list. Move a cursor within [Crates] panel. Move a cursor within [Files] panel between same layer. Move a cursor between panels	-	-	-
	B2	BACK	Press	-	-	-	-
	B3	LOAD PREPARE	Long press	Enter the Utilities Mode	-	Open/Close [Prepare] panel	-
	B4	LOAD	Press	Add a track to [Prepare] panel Load a track	-	-	-
Mixer	M1	DECK 3	Press	Switch Deck 1/3	✓	Open/Close [SP-6] panel	✓
	M2	DECK 4	Press	Switch Deck 2/4	✓	Open/Close [DJ-FX] panel	✓
	M3	SAMPLER VOL	Move the slider	Adjust volume of all Sample Slots	-	-	-
Deck	D1	SYNC	Press	PLAY/PAUSE	✓	Jump to the top of playing track/Load previous track on the track list	-
	D2	SLIP	Press	Key Lock On/Off	✓	Set the Vinyl Control Mode to REL Mode	✓
	D3	CENSOR	Press	Play a track backward while the button is pressed	✓	Select Internal Mode	✓
	D4	AUTO LOOP	Turn	Change the Loop length	-	-	-
Effect	E1-1	FX 1 EFFECT PARAMETER 1	Turn	Adjust Effect 1 Dry/Wet on FX 1	-	Select Effect Type for Effect 1 of FX 1	-
	E1-2	FX 1 EFFECT PARAMETER 2	Turn	Adjust Effect 2 Dry/Wet on FX 1	-	Select Effect Type for Effect 2 of FX 1	-
	E1-3	FX 1 EFFECT PARAMETER 3	Turn	Adjust Effect 3 Dry/Wet on FX 1	-	Select Effect Type for Effect 3 of FX 1	-
	E1-4	FX 1 BEATS	Turn	-	-	-	-
	E5-1	FX 1 EFFECT PARAMETER 1	Press	Select BPM Multiplier for FX 1 (Increase the value)	-	Select BPM Multiplier for FX 1 (Decrease the value)	-
	E6-1	FX 1 EFFECT PARAMETER 2	Press	Effect 1 on FX 1 On/Off	✓	-	-
	E7-1	FX 1 EFFECT PARAMETER 3	Press	Effect 2 on FX 1 On/Off	✓	-	-
	E8-1	FX 1 TAP	Press	Effect 3 on FX 1 On/Off	✓	-	-
	E1-2	FX 2 EFFECT PARAMETER 1	Turn	Adjust Effect 1 Dry/Wet on FX 2	-	Select Effect Type for Effect 1 of FX 2	-
	E2-2	FX 2 EFFECT PARAMETER 2	Turn	Adjust Effect 2 Dry/Wet on FX 2	-	Select Effect Type for Effect 2 of FX 2	-
	E3-2	FX 2 EFFECT PARAMETER 3	Turn	Adjust Effect 3 Dry/Wet on FX 2	-	Select Effect Type for Effect 3 of FX 2	-
	E4-2	FX 2 BEATS	Turn	-	-	-	-
	E5-2	FX 2 EFFECT PARAMETER 1	Press	Select BPM Multiplier for FX 2 (Increase the value)	-	Select BPM Multiplier for FX 2 (Decrease the value)	-
	E6-2	FX 2 EFFECT PARAMETER 2	Press	Effect 1 on FX 2 On/Off	✓	-	-
	E7-2	FX 2 EFFECT PARAMETER 3	Press	Effect 2 on FX 2 On/Off	✓	-	-
	E8-2	FX 2 TAP	Press	Effect 3 on FX 2 On/Off	✓	-	-
	E1-1	FX 1 EFFECT PARAMETER 1	Turn	Adjust Effect Parameter 1 for FX 1	-	Select Effect Parameter 1 for FX 1	-
	E2-1	FX 1 EFFECT PARAMETER 2	Turn	Adjust Effect Parameter 2 for FX 1	-	Select Effect Parameter 2 for FX 1	-
	E3-1	FX 1 EFFECT PARAMETER 3	Turn	Adjust Effect Parameter 3 for FX 1	-	Select Effect Parameter 3 for FX 1	-
	E4-1	FX 1 BEATS	Turn	Adjust FX 1 Dry/Wet	-	Select Effect Type for FX 1	-
	E5-1	FX 1 EFFECT PARAMETER 1	Press	Select BPM Multiplier for FX 1 (Increase the value)	-	Select BPM Multiplier for FX 1 (Decrease the value)	-
	E6-1	FX 1 EFFECT PARAMETER 2	Press	-	-	-	-
	E7-1	FX 1 EFFECT PARAMETER 3	Press	-	-	-	-
	E8-1	FX 1 TAP	Press	FX 1 On/Off	✓	-	-
	E1-2	FX 2 EFFECT PARAMETER 1	Turn	Adjust Effect Parameter 1 for FX 2	-	Select Effect Parameter 1 for FX 2	-
	E2-2	FX 2 EFFECT PARAMETER 2	Turn	Adjust Effect Parameter 2 for FX 2	-	Select Effect Parameter 2 for FX 2	-
	E3-2	FX 2 EFFECT PARAMETER 3	Turn	Adjust Effect Parameter 3 for FX 2	-	Select Effect Parameter 3 for FX 2	-
	E4-2	FX 2 BEATS	Turn	Adjust FX 2 Dry/Wet	-	Select Effect Type for FX 2	-
	E5-2	FX 2 EFFECT PARAMETER 1	Press	Select BPM Multiplier for FX 2 (Increase the value)	-	Select BPM Multiplier for FX 2 (Decrease the value)	-
	E6-2	FX 2 EFFECT PARAMETER 2	Press	-	-	-	-
	E7-2	FX 2 EFFECT PARAMETER 3	Press	-	-	-	-
	E8-2	FX 2 TAP	Press	FX 2 On/Off	✓	-	-
Performance Pad	E9-1	FX 1 ASSIGN 1	Press	Assign FX 1 to Deck 1	✓	Assign FX 1 to Deck 3	✓
	E10-1	FX 1 ASSIGN 2	Press	Assign FX 1 to Deck 2	✓	Assign FX 1 to Deck 4	✓
	E9-2	FX 2 ASSIGN 1	Press	Assign FX 2 to Deck 1	✓	Assign FX 2 to Deck 3	✓
	E10-2	FX 2 ASSIGN 2	Press	Assign FX 2 to Deck 2	✓	Assign FX 2 to Deck 4	✓
	P1	PAD 1	Press	Set/Play Hot Cue Point 1	✓	Delete Hot Cue point 1	✓
	P2	PAD 2	Press	Set/Play Hot Cue Point 2	✓	Delete Hot Cue point 2	✓
	P3	PAD 3	Press	Set/Play Hot Cue Point 3	✓	Delete Hot Cue point 3	✓
	P4	PAD 4	Press	Set/Play Hot Cue Point 4	✓	Delete Hot Cue point 4	✓
Performance Pad	P5	PAD 5	Press	Set/Play Hot Cue Point 5	✓	Delete Hot Cue point 5	✓
	P6	PAD 6 - PAD 8	Press	-	-	-	-
	P1	PAD 1	Press	Play 1/32-beat loop while Pad 1 is pressed	✓	-	✓
	P2	PAD 2	Press	Play 1/16-beat loop while Pad 2 is pressed	✓	-	✓
	P3	PAD 3	Press	Play 1/8-beat loop while Pad 3 is pressed	✓	-	✓
	P4	PAD 4	Press	Play 1/4-beat loop while Pad 4 is pressed	✓	-	✓
	P5	PAD 5	Press	Play 1/2-beat loop while Pad 5 is pressed	✓	-	✓
	P6	PAD 6	Press	Play 1-beat loop while Pad 6 is pressed	✓	-	✓
Performance Pad	P7	PAD 7	Press	Play 2-beat loop while Pad 7 is pressed	✓	-	✓
	P8	PAD 8	Press	Play 4-beat loop while Pad 8 is pressed	✓	-	✓

Group	No.	Name	Operation	Function	LED control	(+SHIFT)	LED control
Performance Pad	PAD 1 - PAD 2		SLICER MODE	Press	-	-	
	P3	PAD 3	(MANUAL LOOP MODE)	Press	Save a loop to a Loop Slot or Loop Lock	-	*5
	P4	PAD 4		Press	Select Loop Slot	-	
	P5	PAD 5		Press	Set a loop-in point/Adjust loop-in point	✓	*6
	P6	PAD 6		Press	Set a loop-out point/Adjust loop-out point	✓	*7
	P7	PAD 7		Press	Activate/inactivate a loop	✓	
	P8	PAD 8		Press	Select Loop Slot	-	
	P1	PAD 1	SAMPLER MODE	Press	Play/Pause Sample Slot 1	-	*8
	P2	PAD 2		Press	Play/Pause Sample Slot 2	-	*8
	P3	PAD 3		Press	Play/Pause Sample Slot 3	-	*8
	P4	PAD 4		Press	Play/Pause Sample Slot 4	-	*8
	P5	PAD 5		Press	Play/Pause Sample Slot 5	-	*8
	P6	PAD 6		Press	Play/Pause Sample Slot 6	-	*8
	PAD 7 - PAD 8			Press	-	-	
	P9	HOT CUE		Press	Switch to HOT CUE Mode	✓	
	P10	ROLL		Press	Switch to ROLL Mode	✓	
	P11	SLICER		Press	Switch to SLICER Mode	✓	
	P12	SAMPLER		Press	Switch to SAMPLER Mode	✓	
	P13	PARAMETER [<]	SAMPLER MODE	Press	Switch to Sample Bank A/C	✓	*9
	P14	PARAMETER [>]	OTHER THAN SAMPLER MODE	Press	Slow down playback speed temporarily	-	
			SAMPLER MODE	Press	Switch to Sample Bank B/D	✓	*10
			OTHER THAN SAMPLER MODE	Press	Speed up playback speed temporarily	-	

Importing the settings file

Be sure to see the Import Guide before importing the settings file(XML file) for this controller. You can download the Import Guide from the following website.
<http://pioneerdj.com/support/product.php?lang=en&p=DDJ-SP1&t=264>

Changing this unit's settings

In order to use this controller to operate Serato Scratch Live, you need to select "Using software other than the Serato DJ" in the Utilities Mode.

- 1) Press the [BACK] button for over one second to switch to the Utilities Mode.
- 2) Turn the rotary selector so that the FX 1 [TAP] button flashes.
- 3) If Pad 1 on the left side of this controller is unlit, press the Pad. When this Pad 1 is already lit, do not press it.
- 4) Press the rotary selector. Wait until flashing of the eight buttons in the Effect Section is completed.
- 5) Press the [BACK] button to exit the Utilities Mode.

For details, see "Using DJ software other than Serato DJ" in Operating Instructions(Advanced Edition).

Before using the Serato Scratch Live

- A separate Serato Scratch Live-certified sound card or mixer is required.
- Please update to Serato Scratch Live Ver.2.5.0 or later.

Additional Information

*1 When you use a sound card or a mixer which does not support 4 decks, Deck 3 and 4 are not available. The deck view mode can not be switched by this controller.

*2 When you use a sound card or a mixer which does not support 4 decks, the effect unit can not be assigned to Deck 3 or 4.

*3 When a HOT CUE point is set, the assigned Pad is lit. But, when SP1's SHIFT button is pressed, all Pads are unlit.

*4 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.

*5 A loop is saved to the loop slot [A] during Auto Loop Mode. A loop is locked during Manual Loop Mode

*6 To adjust loop-in point, press the left/right cursor key on keyboard after pressing Pad 5 during loop playback.

*7 To adjust loop-out point, press the left/right cursor key on keyboard after pressing Pad 6 during loop playback.

*8 Pads are not lit while SAMPLER is performed.

When pressing a Pad, the behavior is different depending on the Sample Player's Mode

- 1) When the Sample Player works in "Trigger Mode" (), a Sample playback begins by pressing the Pad. The Sample playback continues until the end of the Sample.
When the Pad is pressed during the Sample playback, the playback continues from the beginning of the Sample.
- 2) When the Sample Player works in "Hold Mode" (), a Sample is played while a Pad is pressed. When the Pad is released, the Sample playback stops and goes back to the beginning of the Sample.
- 3) When the Sample Player works in "Start Stop Mode" (), a Sample playback begins by pressing a Pad. The Sample playback continues until the end of the Sample.
When the Pad is pressed during a Sample playback, the playback stops. The playback position goes back to the beginning of the Sample.

*9 Sample Bank A is selected on Deck 1 or 3. Sample Bank C is selected on Deck 2 or 4

The button is lit depending on the bank selected on Deck 1 or 2. However, it is unlit even if a bank is selected on Deck 3 or 4

*10 Sample Bank B is selected on Deck 1 or 3. Sample Bank D is selected on Deck 2 or 4

The button is lit depending on the bank selected on Deck 1 or 2. However, it is unlit even if a bank is selected on Deck 3 or 4