

**QUICK-START
GUIDE
ROLAND DJ-505**

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DJ

Installation and Setup

The Roland DJ-505 requires drivers for both Windows and MacOS operating systems.

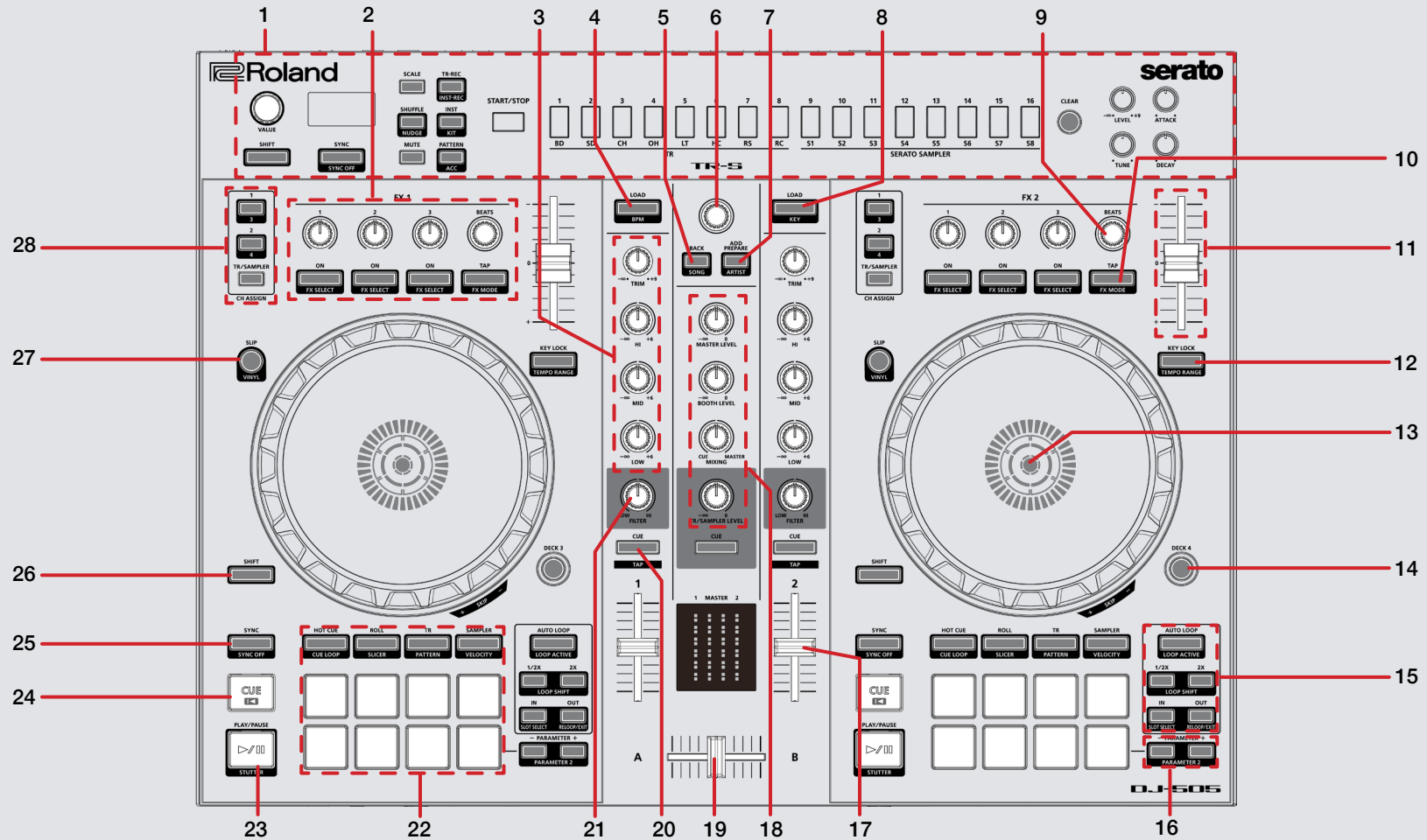
IMPORTANT NOTE: Please ensure you have the latest available drivers AND firmware updates, which are vital for compatibility with Serato DJ. These can be found on Roland's website via the link below;
<https://www.roland.com/global/products/dj-505/>

1. Download and install the latest version of Serato DJ from <http://serato.com/dj/downloads>
2. Ensure all drivers and firmware updates for the Roland DJ-505 are installed.
3. Connect your Roland DJ-505 to an available USB Port.
4. Open Serato DJ.

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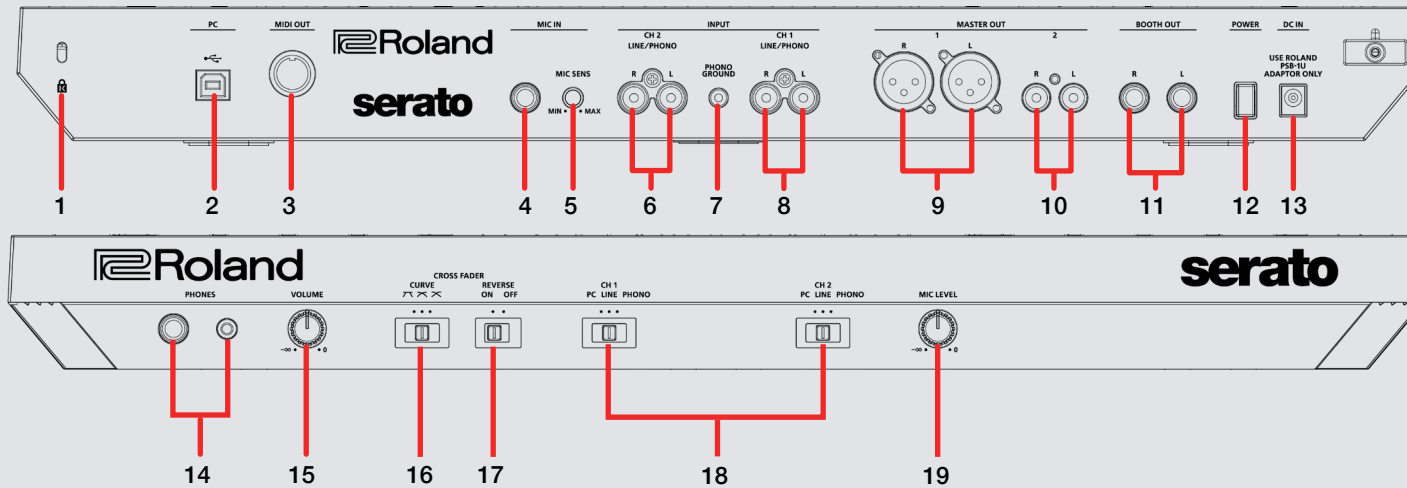
Controller



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

#	Roland DJ-505 Control	Function	Shift Function
1	TR-S section	SEE TR-S SECTION FOR MORE INFORMATION	
2	FX 1-3	DJ-FX slot 1-3 Effect On/Off/Adjust Slot 1-3 FX Parameter	Slot 1-3 Select Effect
3	CHANNEL GAIN/EQ	Channel gain and EQ controls	
4	LOAD 1	Load highlighted track to deck	Sort library by BPM column
5	BACK	Toggles focus back between Library and Crate list	Sort library by SONG column
6	BROWSE	Library scroll	Fast Library scroll
7	ADD PREPARE	Adds the highlighted track to Prepare Crate	Sort library by ARTIST column
8	LOAD 2	Load highlighted track to deck	Sort library by KEY column
9	BEATS	Turn to Adjust Beats Multiplier/Press to Reset Beat Multiplier	
10	TAP TEMPO	Tap to the desired FX tempo. To return to AUTO mode, press and hold.	Cycle FX mode (single/multi)
11	TEMPO SLIDER	Adjusts tempo/pitch	Ignore tempo/pitch adjustment
12	KEYLOCK	Toggle Keylock	Select Pitch Range
13	PLATTER/JOG WHEEL	Control waveform with Serato DJ	Platter skip
14	DECK SELECT	Press individually for respective deck select	
15	LOOP CONTROLS	Loop Controls. SEE LOOPING SECTION FOR MORE INFORMATION	

#	Roland DJ-505 Control	Function	Shift Function
16	PARAMETER	Adjusts Parameter1 in performance pad modes	Adjust Parameter2 in performance pad modes
17	CHANNEL FADER	Channel volume	
18	MASTER SECTION	Master level / Booth level / Cue mix / TR-Sampler level	Set Beatgrid Marker
19	CROSSFADER	Crossfade audio between channel A-B	Clear Beatgrid
20	CHANNEL CUE	Cues selected channel for headphone monitoring	Tap Tempo (track BPM)
21	HPF/LPF	Dedicated channel HP/LP filter	
22	PERFORMANCE PADS	SEE PERFORMANCE PADS FOR MORE INFORMATION	Toggle Pitch range down
24	CUE	Cues from temp cue point/Set Temp Cue point	Load previous track to deck
25	SYNC	Turns SYNC on	Turns SYNC off
26	SHIFT	Used with other controls that have SHIFT modifier functions	
27	SLIP	Turn Slip on/off	Toggle vinyl mode
28	FX ASSIGN	Assign channel to FX unit 1 / 2 / TR-Sampler	



#	Roland DJ-505 Control	#	Roland DJ-505 Control
1	KENSINGTON LOCK	11	BOOTH OUT
2	PC PORT (USB)	12	POWER SWITCH
3	MIDI OUT	13	DC POWER INPUT
4	MIC IN	14	HEADPHONE OUT
5	MIC SENSITIVITY	15	HEADPHONE GAIN CONTROL
6	CH 2 LINE/PHONO	16	CROSSFADER CURVE
7	PHONO GROUND TERMINAL	17	CROSSFADER REVERSE
8	CH 1 LINE/PHONO	18	CH 1 / CH 2 INPUT SWITCH
9	MASTER OUT 1 XLR	19	CROSSFADER CURVE ADJUST
10	MASTER OUT 2 RCA		

Looping

You have up to 8 loops per track in Serato DJ, and the choice between either manual or auto loops. To store the currently active or most recently created loop, click **+** in the loop tab in the software.

DJ-505 Control	Serato DJ Function	Shift
AUTO LOOP	Autoloop On/Off	Activate selected loop
1/2X	Halve Loop Length	Loop Shift Left
2X	Double Loop Length	Loop Shift Right
IN	Set loop in point (Loop not active)/Adjust loop in point (Loop active)	Saved Loop slot select
OUT	Set loop out point (Loop in point set)/Adjust loop out point (Loop active)	Loop Exit (Loop active)/ Reloop (Loop not active)

DVS Expansion Pack

The Roland DJ-505 is Serato DVS Upgrade Ready. Use turntables or CD players to control Serato DJ using NoiseMap™ Control Tone records or CDs. You can enable CD and Vinyl control through the Setup screen after the DVS Expansion upgrade is purchased and has been activated inside the software.

Note: Due to the configuration of the controller, DVS control is only available through channels 1 and 2.

For more information and to purchase the DVS Expansion, see <http://serato.com/dj/dvs>

Serato Flip

Flip is an Expansion Pack for Serato DJ. Flip controls are only available once the Flip expansion pack has been purchased and activated. The expansion pack can be purchased in-app through the Serato DJ Online window, or online at <http://serato.com/accessories>

In **Hot Cue** performance pad mode the Left and Right Parameter buttons are used to record and trigger Flips.


Control	Flip function	Shift
Left Parameter button	Starts the recording of a new Flip	Turns Flip Loop on/off
Right Parameter button	Starts the current Flip / re-trigger Flip	Turns current Flip On/Off

Press **Hot Cue** mode twice to enter Flip performance pad mode. Pressing pads 1-6 in will trigger saved Flips, pressing **SHIFT** + pads 1-6 will turn saved Flips on/off. Pressing an empty Flip slot will save any active Flip to that slot.



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DJ-FX

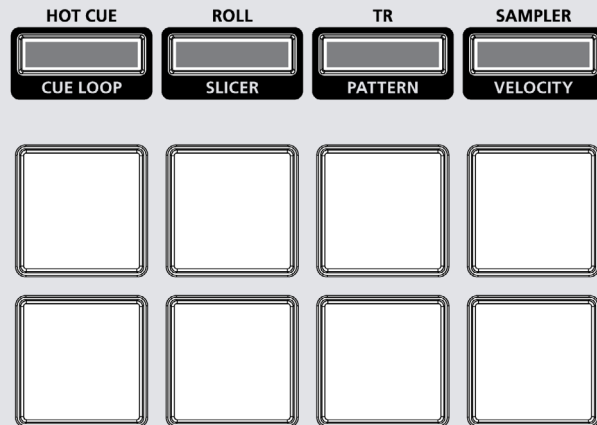
The DJ-FX in Serato DJ are powered by iZotope™. Click the FX tab  to open the FX panel. Select either 1, 2, 3, 4 or AUX to assign the selected effect bank to a deck or auxilliary output.

There are two available modes in the DJ-FX. Single FX Mode allows you to select one effect per FX bank, and has multiple parameters that can be adjusted. Multi FX Mode allows you to select up to three effects per FX bank, and adjust only one parameter, the FX Depth. The same effects available in Single FX mode are available in Multi FX mode, as well some additional presets.

You can select between the two FX modes by clicking either the Single FX mode button  or Multi FX mode button 

Roland DJ-505 Control	Single FX Mode	Multi FX Mode	Shift
ON (Button 1)	Effect On/Off	Slot 1 Effect On/Off	Slot 1 Select Effect
ON (Button 2)	Adjust FX Parameter 2	Slot 2 Effect On/Off	Slot 2 Select Effect
ON (Button 3)	Adjust FX Parameter 4	Slot 3 Effect On/Off	Slot 3 Select Effect
FX KNOB 1	Adjust FX Parameter 1	Adjust Slot 1 FX Parameter	
FX KNOB 2	Adjust FX Parameter 3	Adjust Slot 2 FX Parameter	
FX KNOB 3	Adjust FX Parameter 5	Adjust Slot 3 FX Parameter	
TAP	Tap to the desired FX tempo. To return to AUTO mode, press and hold	Tap to the desired FX tempo. To return to AUTO mode, press and hold	Toggle between Single/Multi FX Modes
BEATS (rotate knob)	Adjust Beats Multiplier	Adjust Beats Multiplier	
BEATS (press knob)	Reset to 1 (beat cycle) value	Reset to 1 (beat cycle) value	

Performance Pads



The Roland DJ-505 RGB performance pads have 13 different modes you can select. The first four modes are (from left-to-right); **Hot Cue, Roll, TR** and **Sampler**. The second four modes are (from left-to-right); **Cue Loop, Slicer, Pattern** and **Velocity Sampler** and can be activated by pressing the performance pad mode button with SHIFT held down. A second Slicer mode (**Slicer 2**) can be activated by pressing the Slicer performance pad mode button twice while SHIFT is held down. The third four modes are (from left-to-right); **Saved Flip, Saved Loop, TR Velocity**, and **Pitch Play**, and can be activated by pressing the performance pad mode buttons a second time.

- Hot Cue** mode: When pressing pads 1-8 you can add up to 8 Cue Points. Holding SHIFT and pressing buttons 1-8 will delete the Cue Points.
 - Cue Loop** mode: Press pads 1-8 will play a Loop Roll from the Cue point position. Press the pad again to deactivate the Cue Loop. Press the performance pad while holding SHIFT to retrigger the Cue Loop. The dedicated loop controls also work in Cue Loop mode.
 - Saved Flip** mode: Pressing pads 1-8 will trigger saved Flips, pressing SHIFT + pads 1-8 will turn saved Flips on/off. Pressing an empty Flip slot will save any

Flip (that is being recorded) to that slot.

- Roll** mode: When holding buttons 1-8 you can activate a loop roll. Releasing the pad will disengage the loop roll.
 - Slicer** mode: A shifting, specified range (or domain) is divided into eight equal sections, and these eight sliced sections are assigned to the respective performance pads.
 - Slicer 2** mode: Same as above, but a fixed Slicer domain or “loop”. Controls are the same in both Slicer modes: Use PARAMETER-/ + to set the quantization for the slicer function. The quantization can be set in four ways: 1/8, 1/4, 1/2 and 1. Hold SHIFT + PARAMETER-/ + to set the domain. The domain can be set to one of six settings: 2 beats, 4 beats, 8 beats, 16 beats, 32 beats or 64 beats.
 - Saved Loop** mode: Pads 1-8 will trigger saved loops. Holding SHIFT and pressing a pad in Save Loop mode will re-trigger the Saved Loop.
- TR** mode: Pressing pads 1-4 will trigger the BASS, SNARE, CLOSED HAT, and OPEN HAT sounds from the TR-S section, and 5-8 will trigger the TOM, CLAP, RIM SHOT, and RIDE CYMBAL sounds.
 - Pattern** mode: Pressing pads lets you choose up to 8 sequenced patterns from the TR-S section. Patterns are retained after a power cycle of the DJ-505, and can be recorded using the INST REC function of the TR-S section.
 - TR Velocity** mode: The same as TR mode above, but pads use velocity message to determine volume of TR-S sounds triggered.
- Sampler** mode: Pads 1-8 trigger samples loaded in your Sample Banks. Use PARAMETER-/ + buttons to cycle through Sample Banks. Press SHIFT + PARAMETER-/ + to cycle through Sampler output options.
 - Sampler Velocity** mode: When enabled the Sampler sample slot volume will now be velocity sensitive when played using the performance pads.
 - Pitch Play** mode: Pads 1-8 play Cue points over variable pitch ranges. See the ‘Pitch Play’ section for more information.

Pitch Play

Holding **SHIFT** and pressing the **SAMPLER** performance pad mode on the DJ-505 will enable **Pitch Play** mode. In this mode you can play Cue Points over variable pitch ranges.

There are 3 key ranges to choose from. The following tables show pitched key ranges (in Semitones) while using the 8 performance pads in Pitch Play mode. To toggle between key ranges press the **PARAMETER-/+** buttons. The root key pad (0) is always lit white, which will play the cue point at its regular pitch. When in Pitch Play mode, pressing a pad will pitch the currently selected cue point up or down the following ranges:

Up Range (Up 7 Semitones)

+4	+5	+6	+7
0	+1	+2	+3

Middle Range (Up 3/Down 4 Semitones)

0	+1	+2	+3
-4	-3	-2	-1

Down Range (Down 7 Semitones)

-3	-2	-1	0
-7	-6	-5	-4

When Pitch Play mode is first enabled, the middle range is selected. If a new track is loaded, key mode will default to middle range.

PITCH PLAY can only pitch one Hot Cue point at a time. To change the selected Hot Cue, hold the **SHIFT** button and press a performance pad where the cue point you want to select would be (as shown in the **CUES** performance pad mode). While holding **SHIFT**, press the corresponding performance pad for:

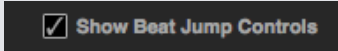
Hot Cue 1	Hot Cue 2	Hot Cue 3	Hot Cue 4
Hot Cue 5	Hot Cue 6	Hot Cue 7	Hot Cue 8

The selected cue point defaults to Cue Point 1 on track load, even if instant doubled. If a pad with no cue point is selected, then a new cue point will be created. Deleting a cue point however, is not possible in PITCH PLAY mode. Range is remembered if user goes to another pad mode, then back to key mode. If a new track is loaded, key mode will default to middle range.

NOTE: Pitch Play mode is available once the Pitch 'n Time DJ Expansion Pack has been activated in the MY SERATO window. Make sure "Enable Pitch 'n Time DJ" is checked in the Expansion Pack tab of the SETUP screen.

Beat Jump

To activate **Beat Jump**, open the **Setup** screen and under the DJ preferences tab turn on “**Show Beat Jump Controls**”.



When you close the Setup screen you will see Beat Jump controls underneath the existing Auto Loop values on each deck. Checking this box will turn on Beat Jump features in the deck area and let you control Beat Jump from on your supported Serato DJ hardware.



When the Beat Jump option is enabled, controllers with 8 performance pads that have an **AUTO LOOP** or **LOOP ROLL** mode will use the bottom row of 4 pads (pads 5-8) as Beat Jump controls. This is designed to mirror the change in deck Auto Loop area (from 8 Auto Loop sizes to 4 Auto Loop sizes + Beat Jump controls).

Performance Pad Function	Pad 5	Pad 6	Pad 7	Pad 8
Beat Jump disabled	Auto Loop/ Loop Roll 5	Auto Loop/ Loop Roll 6	Auto Loop/ Loop Roll 7	Auto Loop/ Loop Roll 8
Beat Jump enabled	Beat Jump Left	Beat Select Left	Beat Select Right	Beat Jump Right

Controllers with Loop Shift controls can now perform a Beat Jump by enabling Beat Jump in the Setup screen. Regular Loop Shift is still available when Beat Jump is disabled in the Setup screen.

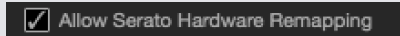
MIDI

The MIDI feature in Serato DJ provides the ability to remap Serato DJ software functions to your primary Serato DJ controller, interface or mixer. You can also assign controls to a secondary MIDI controller to further enhance your performance.

[For more information on MIDI mapping with Serato DJ click here.](#)

To remap your supported Serato DJ device, open the **SETUP** screen and click the **MIDI** tab. If your Serato DJ device supports hardware remapping it will show up in the **MIDI Devices** list at the top.

Select your connected device from the MIDI Devices list and make sure the “Allow Serato Hardware Remapping” option is checked.



Once checked, the MIDI assign button at the top of the screen will become available for you to start remapping.



You can save, edit or delete MIDI presets in the **MIDI** tab of the **SETUP** screen. Clicking ‘**Restore Defaults**’ will erase any custom mappings for all connected devices and revert their functions back to default.

[Download the Serato DJ software manual for further information.](#)

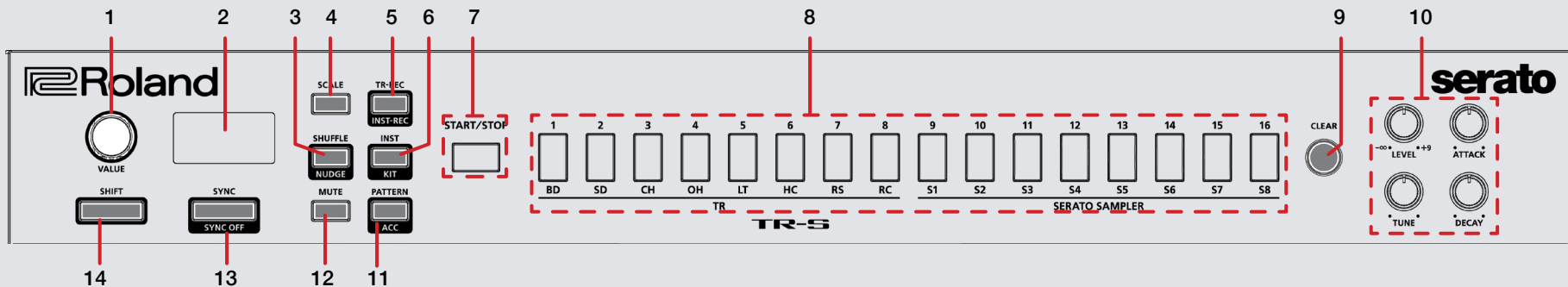
NOTE: Official Serato Accessories do not currently support user remapping. Hardware features that cannot be remapped at this stage are Jogwheels/ Platters, Input Switches, Shift buttons and Performance Pad Mode buttons. Re-mapping any pad(s) in Hot Cue mode will also re-map the same pad in Saved Flip mode and vice versa.

TR-S Rhythm Sequencer

The TR-S built into the DJ-505 is designed to be used with Serato DJ and can be synchronised with the virtual decks in Serato DJ. It can also be used to sequence samples from Serato DJ's built-in Sampler (S1-S8 or 9-16), and pressing SHIFT+INST, then S5-S8 or 13-16 will select Sampler Banks A-D.

Simply press any of the steps in the 16-step sequencer, causing them to light up in red, which indicates the step has been activated. The first step in the beat will be highlighted in blue, which will change depending on the pattern scale chosen.

A green light cycling through the sequence will show the step currently playing.





#	TR-S Control	Function	Shift Function
1	VALUE	Changes the value of tempo, scale or shuffle settings	
2	DISPLAY	Shows value for settings adjustments	
3	SHUFFLE	Adjusts shuffle or rhythmic swing	Sets the nudge setting of the pattern forward or backward (use VALUE to adjust)
4	SCALE	Selects timing for step value	
5	TR-REC	Lets you step-record a pattern	Lets you record a pattern using the performance pads. SEE PERFORMANCE PADS FOR MORE INFORMATION
6	INST	Select instrument when using TR-REC	Sets the kit for instruments, or Sampler bank in SDJ
7	START/STOP	Plays or Stops the pattern	Retriggers the pattern
8	STEP SEQUENCER	Enable steps in the sequencer, or select patterns/instruments	

#	TR-S Control	Function	Shift Function
9	CLEAR	Deletes the content recorded by TR-REC for a specific instrument or deletes the pattern	
10	LEVEL/ATTACK/DECAY/TUNE	Controls volume of selected instrument/Adjusts the strength of attack for selected instrument/Adjusts the length of decay for selected instrument/Adjusts the tuning or pitch of a selected instrument	
11	PATTERN	Lets you select rhythm patterns 1-16	Adds an accent to the step when using TR-REC
12	MUTE	Mutes the selected instrument	
13	SYNC	Synchronises tempo of TR-S with Serato DJ	Turn SYNC off
14	SHIFT	Used with other buttons that have SHIFT modifiers	

For more detailed information on using the TR-Section, please refer to the Roland DJ-505 User manual, [here](#).

Using the Tool Tips

Click on the  icon to enable Tool Tips. This is located in between the MIDI and setup button in the top right hand corner of the screen. Tool Tips provide a handy way to learn the various features of Serato DJ.

Move the mouse over a section of the screen to bring up a context sensitive tool tip. Holding the mouse over the  button with Tool Tips turned on will show you a list of all keyboard shortcuts.

For more information about how to use Serato DJ, please go to our website www.serato.com or refer to the Serato DJ Software Manual. For more information on your controller, please refer to the hardware manual.

For further help please contact support@serato.com or go to www.serato.com/dj/support

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