



RANE FOUR Quick-Start Guide

Setup

Serato software

The RANE FOUR is a “Serato DJ Pro hardware unlocked” device, meaning it works with Serato DJ Pro out of the box.

It is also a “paid upgrade to Serato DVS device”, meaning it requires the purchase & activation of a Serato DVS license, in order to be used with Serato DVS functionality.

Please ensure you have the latest version of Serato DJ Pro installed:

[Click here to download Serato DJ Pro](#)

Driver software & firmware

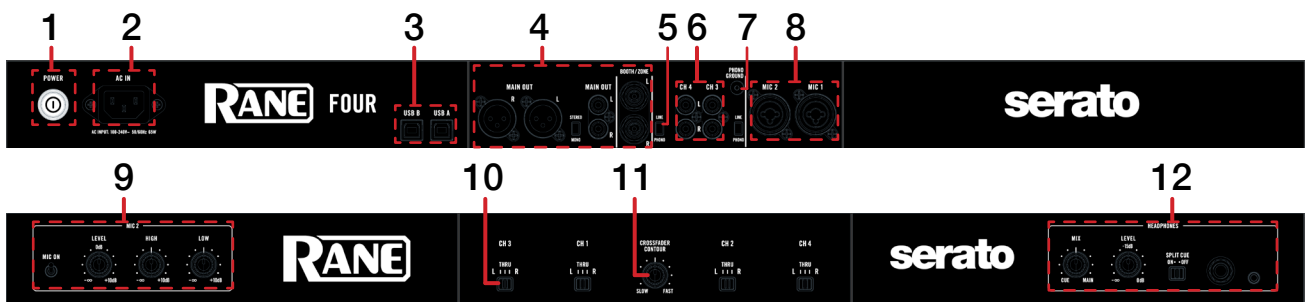
The RANE FOUR is class compliant on macOS, but requires manufacturer specific drivers when used with Windows operating systems. On both operating systems it’s recommended to install the bundled utility.

Regardless of your operating system, download and install the latest version of Serato DJ Pro, then connect your RANE FOUR with a USB cable to your computer, and when prompted, click the **Install Driver** pop-up.

It’s also strongly recommended that you install the latest firmware for your RANE FOUR.

You can download and install both the driver & utility, or firmware from [Rane’s website](#).

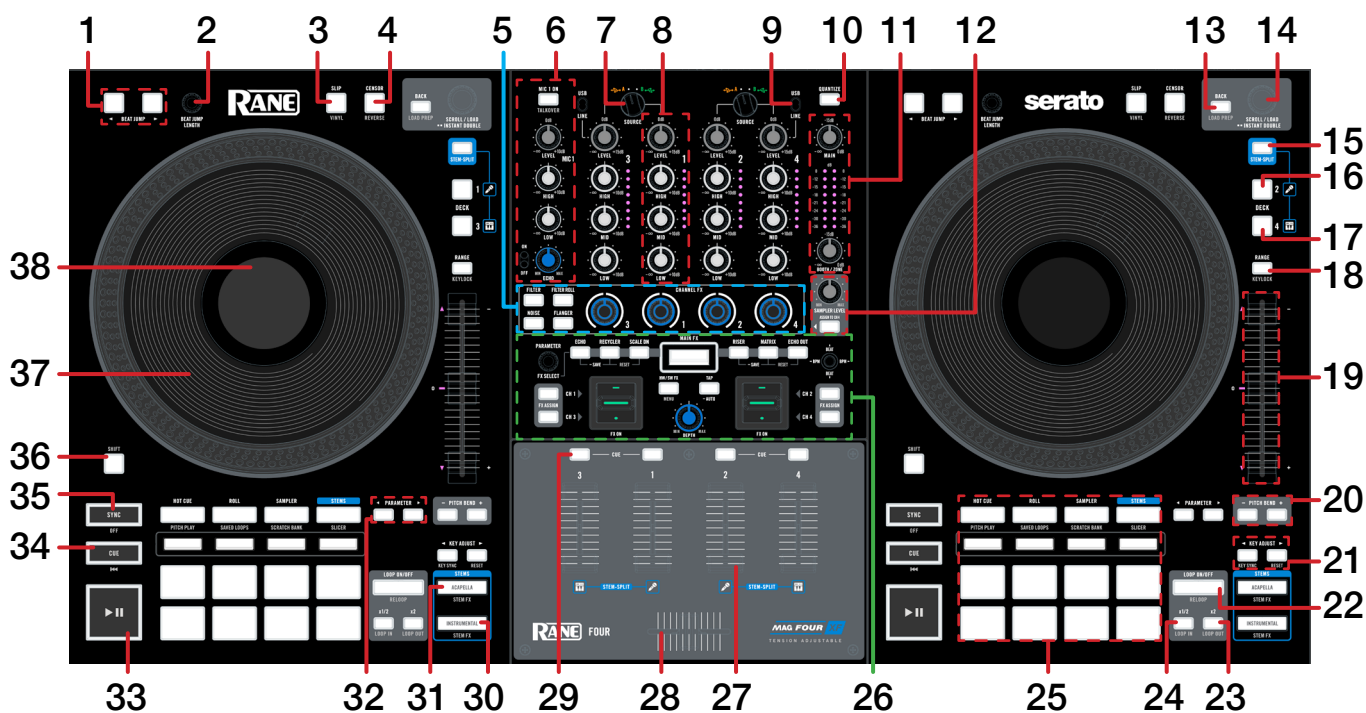
Overview



#	RANE FOUR CONTROL	FUNCTION
1	POWER	Press to turn device on/off
2	AC IN	Connect supplied power cable
3	USB B / A	Connect USB cable to computer A or B
4	MAIN OUT / BOOTH / ZONE	Connect master output via XLR, RCA, or booth output via TRS
5	LINE / PHONO	Toggle channel input for phono or line level device
6	CH 4 / CH 3	Connect phono or line input device

#	RANE FOUR CONTROL	FUNCTION
7	PHONO GROUND	Connect grounding wire from phono input device
8	MIC 2 / MIC 1	Connect microphone input via XLR or TRS
9	MIC 2 (SECTION)	Toggle microphone 2 on, adjust level & high/low EQ
10	CH 3 / 1 / 2 / 4	Assign crossfader per channel
11	CROSSFADER CONTOUR	Adjust crossfader contour
12	HEADPHONES (SECTION)	Adjust mix, level, split cue or connect headphones

Overview



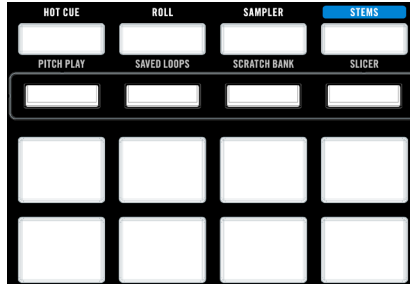
#	RANE FOUR CONTROL	FUNCTION	SHIFT FUNCTION
1	BEAT JUMP	Press to Beat Jump left (<) or right (>)	-
2	BEAT JUMP LENGTH	Turn left to halve Beat Jump size value or turn right to double Beat Jump size value	-
3	SLIP	Toggle Slip mode	Toggle between vinyl and jog platter mode - per deck
4	CENSOR	Censor playing track, or toggles Silent Cue (depending on utility settings - see RANE documentation for more information)	Toggle Reverse playback - per deck
5	CHANNEL FX (SECTION)	Toggle either FILTER, FILTER ROLL, NOISE, or FLANGER fx buttons, then turn Channel FX Depth knob left or right to apply FX to desired channel	-
6	MIC 1 (SECTION)	Turn MIC 1 on, adjust level, adjust EQ (HIGH/LOW) & apply Echo	-
7	SOURCE	Select USB A or USB B, for channel 1 & 3 or 2 & 4	-
8	CHANNEL (SECTION)	Adjust level, adjust EQ (High, Mid, Low)	-
9	USB / LINE	Toggle decks 3 or 4 between USB and line input	-
10	QUANTIZE	Toggle Quantize	-
11	MAIN & BOOTH / ZONE	Adjust main output volume and booth / zone output volume	-
12	SAMPLER LEVEL / ASSIGN TO CH4	Adjust Serato Sampler output volume, or output Sampler to Channel FX 4	-
13	BACK	Cycle back between Library & Crate area	Add selected track to Prepare crate
14	SCROLL / LOAD	Turn to scroll library. Press in to load selected track to Active deck. Double press in to Instant Double selected track	Fast library scroll

Overview

#	RANE FOUR CONTROL	FUNCTION	SHIFT FUNCTION
15	STEM-SPLIT	Enter Stem Split mode SEE STEM SPLIT MODE FOR MORE INFORMATION	-
16	DECK LAYER 1 / 2	Press to toggle specified deck layer as Active Deck	-
17	DECK LAYER 3 / 4	Press to toggle specified deck layer as Active Deck	-
18	RANGE	Toggle tempo range	Toggle Key lock (or Pitch 'n Time DJ if activated)
19	TEMPO SLIDER	Adjust tempo/pitch	Ignore tempo/pitch adjustment
20	PITCH BEND	Bend pitch of playing track down (-) or up (+)	-
21	KEY ADJUST	Key Shift down (left) or Key Shift up (right)	Toggle Key Sync (left) or Reset Key value (right)
22	LOOP ON / OFF	Toggle Autoloop on / off	Reloop
23	X2	Double active Loop	Set Loop Out point / Edit Loop Out point
24	X1/2	Halve active Loop	Set Loop In point / Edit Loop In point
25	PERFORMANCE PAD (SECTION)	SEE PERFORMANCE PADS FOR MORE INFORMATION	-
26	MAIN FX (SECTION)	Control Serato software FX or RANE hardware FX SEE MAIN FX FOR MORE INFORMATION	-
27	CHANNEL FADER	Adjust channel volume (per channel)	Channel fader start (per channel)
28	CROSSFADER	Crossfade audio between channel 1-2	Crossfader start
29	CUE (SECTION)	Toggle per channel cue for PFL monitoring	-
30	INSTRUMENTAL	Toggle Instrumental stems on to quickly isolate instruments in playing track SEE USING STEMS FOR MORE INFORMATION	Toggle the FX Acapella Echo pad to mute and apply an echo out effect to the vocals in the playing track
31	ACAPELLA	Toggle Acapella stems on to quickly isolate vocals in playing track SEE USING STEMS FOR MORE INFORMATION	Toggle the FX Instrumental Echo pad to mute and apply an echo out effect to the instruments in the playing track
32	PARAMETER	Parameter 1 (left & right) controls for use in Performance Pad modes	Parameter 2 (left & right) controls for use in Performance Pad modes
33	PLAY / PAUSE	Toggles Play / Pause on selected deck	Stutter play
34	CUE	Cues from temp cue point / Set temp cue point	Load previous track
35	SYNC	Press to turn SYNC on (per deck)	Press to turn SYNC off (per deck)
36	SHIFT	Shift modifier, which can be held while using another control for secondary SHIFT function	-
37	JOG WHEEL	Turn jog to bend pitch, or control waveform within Serato DJ in vinyl mode	Fast track waveform scroll
38	JOG WHEEL DISPLAY	Displays track & waveform information	-

Performance Pads

The RANE FOUR comes with 8 performance pads, that can be used across 8 different performance pad modes, and a user Pad mode (**SHIFT** + **HOT CUE**). Press the mode buttons once to enter the initial 4 modes. Small screens below the Pad mode buttons display currently selected Pad mode information.



HOT CUE mode: Pads 1-8 trigger Serato DJ Pro Cue points, and if no Cue point is present on that slot/pad, pressing that pad will set a Cue point. Holding down the **SHIFT** button while pressing a populated pad will delete the Cue point from the respective pad/slot. If Serato Flip is activated: Parameter 1 left engages Flip Record, while right starts your Flip, and holding **SHIFT** means left is Flip Loop while right is Flip on/off.

ROLL mode: Holding Pads 1-8 activate a loop roll of varying sizes. Release the pad to exit the Loop Roll. Change Loop Roll size in the Loop tab while holding a pad down in this mode, or press Parameter 1 left & right.

SAMPLER mode: Press pads 1-8 in this mode to trigger samples loaded into the Serato DJ Pro Sampler. Holding **SHIFT** while pressing a Pad will stop a currently playing Sampler slot, or load a new sample to the Sampler slot if empty. Parameter 1 left & right cycles Sample banks forward and back, while holding **SHIFT** cycles the Sampler output.

STEMS mode: In this mode you can control features from the Stems Tab, allowing you to utilize real-time audio separation in Serato DJ Pro. Press pad 1 to toggle off/on the Vocal Stem, press pad 2 to toggle off/on the Melody Stem, press pad 3 to toggle off/on the Bass Stem, and press pad 4 to toggle off/on the Drums Stem. Pads 5-8 toggle Stem Pad FX, which consist of FX Vocal Echo, FX Instrumental Echo, Instrumental Braker FX, and FX Drums Echo. Parameter 1 left & right toggle Acapella and Instrumental stems, and Parameter 2 left & right toggle FX Echo beat values 1 or 1/2.

NOTE: Using Stems is very CPU-intensive, and may take some time to initialize.



[CLICK HERE TO LEARN MORE ABOUT USING STEMS](#)

PITCH PLAY mode: Press the **HOT CUE** mode button twice to enter **Pitch Play** mode. In this mode, pads 1-8 play Cue points over variable pitch ranges. See the 'Pitch Play' section for more information.

NOTE: Pitch Play mode requires that the Serato Pitch 'n' Time DJ expansion pack is activated & enabled.

SAVED LOOP mode: Press the Roll mode button twice to enter **Saved Loop** mode. Pads 1-8 trigger Saved Loops, or save an Active Loop to an empty Loop Slot. Holding **SHIFT** while pressing a Pad will Re-loop the Saved Loop Slot. Parameter 1 Left & Right controls halve and double loop size respectively, while holding **SHIFT** will Loop Shift Left & Right.

SCRATCH BANK mode: Press the **SAMPLER** pad mode button twice, to enter **Scratch Bank** mode. This mode allows you to assign files in your Serato DJ Pro library to a Pad. When Pads 1-8 are triggered, the corresponding file will be loaded to deck, allowing you to quickly load useful Scratch samples.

Click the Scratch Bank button  in the top tool bar of Serato DJ Pro to reveal the Scratch Bank Panel. In this panel you can load and eject files from the Scratch Banks, as well as choose the preferences you wish to load to the deck upon triggering the pad. These preferences include the start point of the file, Key Lock on/off and Repeat on/off. Clicking the  button in the top left corner of the panel will change between Advanced and Simple View.

Holding **SHIFT**, while pressing a Scratch Bank Pad that is already loaded to a virtual deck, will reload the previously loaded track to that virtual deck. Parameter 1 left & right cycle Scratch Banks.

SLICER mode: Press the **STEMS** pad mode button twice, to enter **Slicer** mode. In this mode a specified range (or domain) is divided into eight equal sections, and these eight sliced sections are assigned to the respective performance pads (1-8), and can be triggered by pressing them. The domain shifts as the track duration elapses. Use Parameter 1 Left & Right controls to decrease or increase the quantize size, or hold **SHIFT** to decrease or increase the domain size.

Combo Pad mode

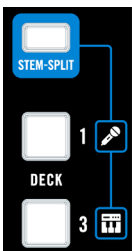
Combo Pad Mode allows you select two Pad modes, per set of pads on either side of the controller, for the first 4 Performance Pad modes.

To enter Combo Pad mode, hold down one of the Pad mode buttons and then select a secondary Pad mode button. The Pad mode Button that was first pressed and held will be assigned to pads 1 to 4 (the top row of pads).

The Pad mode Button that was selected Second will be assigned to pads 5-8 (the bottom row of pads). To exit Combo Pad mode, press any single Pad mode button again.

Stem Split mode

Stem Split mode allows you to quickly split Stems across multiple channels in order to create new and exciting routines and possibilities in Serato DJ Pro.



To use Stem Split mode follow the steps below, which gives the example of decks 1 & 3, although the steps can also be substituted with decks 2 & 4:

1. Load and play a track on deck 1
 2. Press the **STEM SPLIT** button - it will:
Instant double the track to the inactive deck on the same side ie, deck 3.
The vocal stem will be playing on deck 1, the instrumental will be playing on deck 3.
 3. Now that stem split is active:
All transport controls will be shared across deck 1 and 3
The vocal and instrumental stems will have separate mixer channels so you can adjust levels and apply FX independently
 4. To exit Stem Split press a deck layer button to regain control of that specific layer or press the **STEM SPLIT** button again to return the song to its state at step 1.
- Deck 1/deck 2 are always used for the Vocal stem.
 - Deck 3/deck 4 are always used for the Instrumental stems.
 - If using Serato DVS, decks will automatically change to INT mode.
 - Stems pad mode & Stem Tab pads only apply to the decks outlined above.

Pitch Play

Holding **SHIFT** and pressing the **HOT CUE** performance pad mode button on the RANE FOUR 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 left & right buttons.

The root key pad (0) is always lit white, which will play the cue point at its regular pitch.

Pressing Parameter left & right while holding **SHIFT** will shift up or down a single semitone. 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 Cue point at a time. To change the selected 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:

Cue 1	Cue 2	Cue 3	Cue 4
Cue 5	Cue 6	Cue 7	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 Expansions window, under the My Account drop-down. Make sure "Enable Pitch 'n Time DJ" is then checked in the Expansion Pack tab of the SETUP screen.



You can find out more about Pitch 'n Time DJ, [here](#).

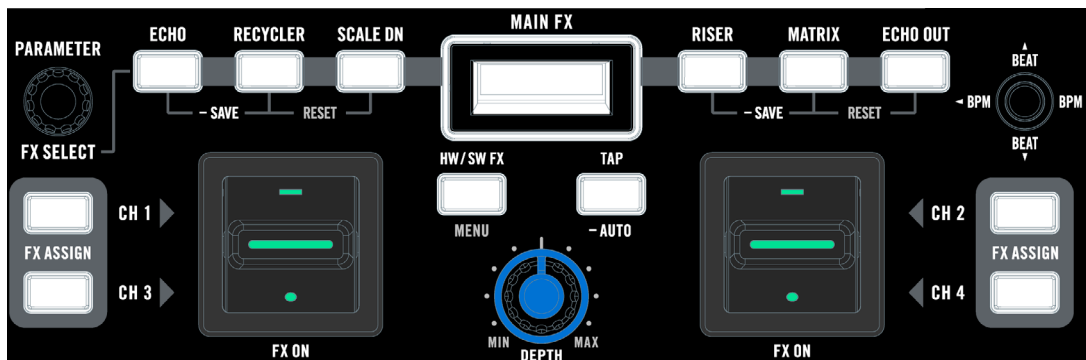
MAIN-FX

Serato software FX and RANE hardware FX are available on the RANE FOUR. The information below will focus on Serato software FX, as RANE hardware FX information can be found in RANE support documentation.

Click the FX button  to open the FX panel in Serato DJ Pro. Select either 1, 2, or M to assign the selected effect bank to a deck or the master output.

There are two available modes with Serato software 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 



RANE FOUR Control	Single FX mode	Multi FX mode
ECHO	Arm FX (hold while turning FX SELECT knob to cycle FX)	Arm FX Slot 1 (hold while turning FX SELECT knob to cycle FX)
RECYCLER	-	Arm FX Slot 2 (hold while turning FX SELECT knob to cycle FX)
SCALE DN	-	Arm FX Slot 3 (hold while turning FX SELECT knob to cycle FX)
FX DISPLAY	Displays FX information	Displays FX information
RISER	-	Arm FX Slot 4 (hold while turning FX SELECT knob to cycle FX)
MATRIX	-	Arm FX Slot 5 (hold while turning FX SELECT knob to cycle FX)
ECHO OUT	-	Arm FX Slot 6 (hold while turning FX SELECT knob to cycle FX)
BEAT / BPM	Increase Beats multiplier (Up/Down) or Adjust BPM value (Left/Right)	Increase Beats multiplier (Up/Down) or Adjust BPM value (Left/Right)
TAP	Tap FX BPM Tempo	Tap FX BPM Tempo
FX ON	Push up to turn on and lock armed FX / Push down to momentarily turn on armed FX	Push up to turn on and lock armed FX / Push down to momentarily turn on armed FX
DEPTH	Increase FX level/depth	Increase FX level/depth (all slots)
FX ASSIGN (CH 1/3 & 2/4)	Press to assign channel FX unit per side	Press to assign channel FX unit per side
HW / SW FX	Toggle between software FX (Serato) & hardware FX (RANE)	Toggle between software FX (Serato) & hardware FX (RANE)
PARAMETER / FX SELECT	Turn while holding ECHO (ARM FX) button to cycle FX	Turn while holding respective (ARM FX) button to cycle FX

MIDI

The MIDI feature in Serato DJ Pro provides the ability to remap Serato DJ Pro software functions to your primary Serato 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 Pro click here](#)

To remap your supported Serato device, open the SETUP screen and click the MIDI tab. If your Serato 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.

Allow Serato Hardware Remapping

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.

Beat Jump

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

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 Pro hardware.



When the Beat Jump option is enabled, performance pad modes AUTO LOOP or ROLL mode (where applicable) 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).

DVS


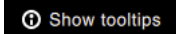
The RANE FOUR is 'paid upgrade to Serato DVS hardware' device, meaning it requires activation of a Serato DVS license to allow you to use turntables, media players or CD players to control Serato DJ Pro using NoiseMap™ Control Tone.

NOTE: Serato DVS is available once the Serato DVS expansion pack has been activated in the Expansions window, under the My Account drop-down. Make sure Vinyl / CDJ Control is then checked in the Expansion Packs tab of the Setup screen.

You can find out more and purchase DVS, by visiting our website [here](#).


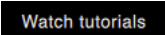
Help

Show Tooltips


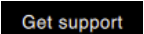


Click on the  button in the upper right-hand corner of Serato DJ Pro, then  to enable tooltips. Tool tips provide a handy way to learn the various features of Serato DJ Pro.

Move the mouse over a section of the screen to bring up a context sensitive tool tip.

Watch Tutorials

Click on the  button in the upper right-hand corner of Serato DJ Pro, then  to launch your default internet browser and watch tutorials, to help you get familiar with Serato DJ Pro.

Get Support

Click on the  button in the upper right-hand corner of Serato DJ Pro, then  to launch your default internet browser and navigate to the Serato DJ Pro knowledge base, where you can find helpful articles and guides on Serato DJ Pro. Alternatively, type in the   box, with keywords, to search the Serato DJ Pro knowledge base for specific, related topics.