

# Pioneer CDJ-2000/CDJ-900/CDJ-850/CDJ-350

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## Scratch Live Connection Guide

### Updating the CDJ firmware to the newest version

Before connecting to Scratch Live, update the CDJ firmware to the newest version.

- 1** Confirm the CDJ firmware's version on the [UTILITY] screen. For details, see the CDJ's instruction manual.
- 2** Confirm the newest version information at the following URL.

<http://www.prodjnet.com/support/>

If the CDJ firmware's version is not the newest as confirmed in Procedure **1**, update by downloading the newest version from the above URL.

### Updating Scratch Live to the newest version

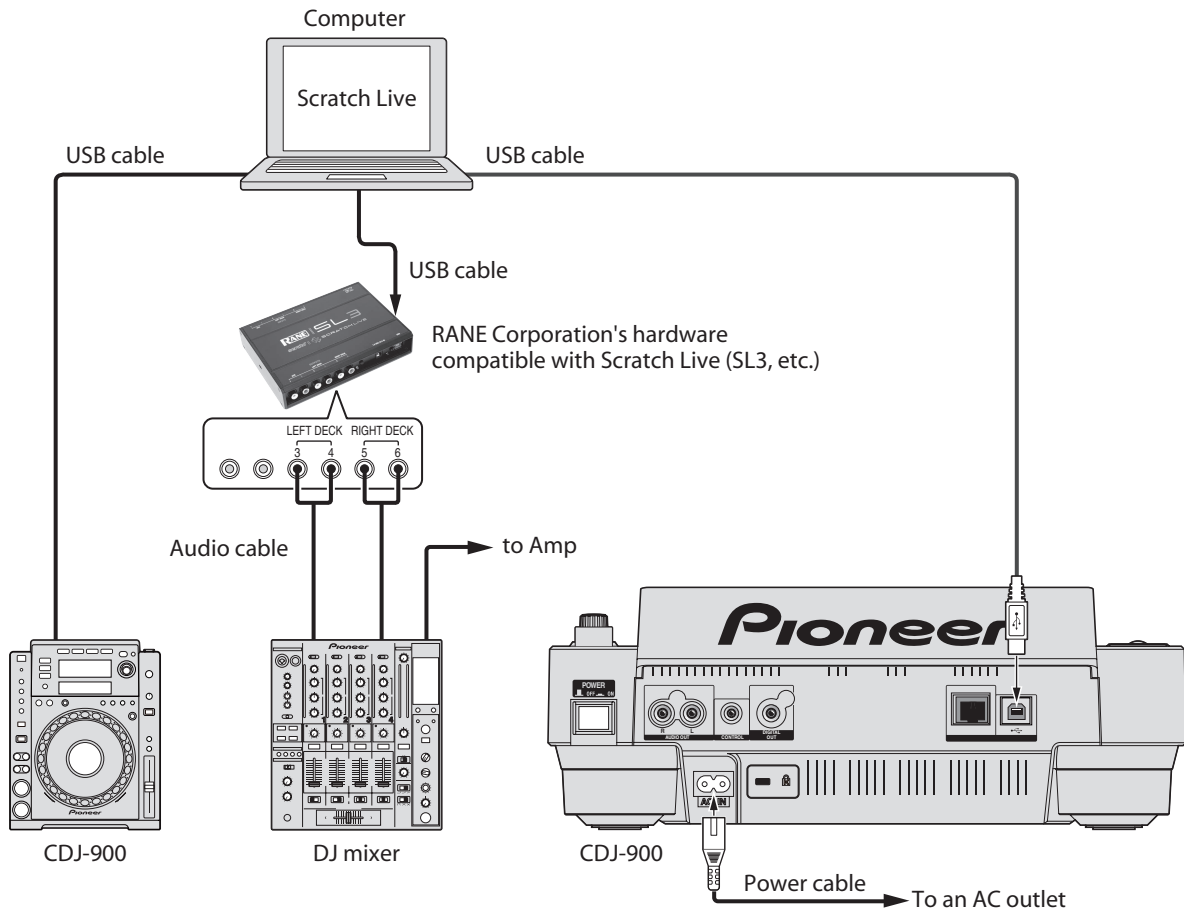
An old version of Scratch Live may not support the CDJ currently being used. Before connecting the Scratch Live and CDJ, update Scratch Live to the newest version.

Scratch Live can be downloaded from Serato Audio Research's website: <http://serato.com/>

# Connections

Connect the CDJ (or CDJs, if more than one are to be connected) to the computer with the use of a USB cable. The example here is for connecting to CDJ-900, but the method is the same for CDJ-2000, CDJ-850, and CDJ-350.

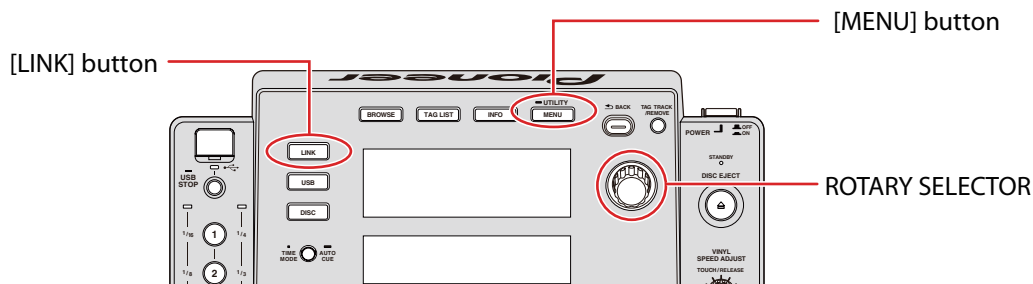
## Connecting with Serato Scratch Live



# Setting CDJs as Scratch Live Controllers

Switch on the power to all units once the connections have been made and start up Scratch Live. Then, set up the CDJs in accordance with the following procedures.

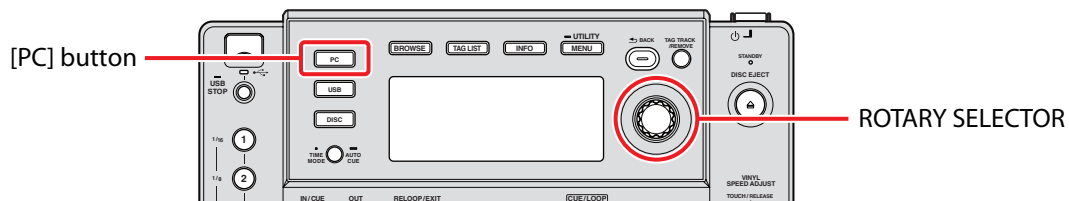
## For CDJ-2000/CDJ-900



- 1** Press the [LINK] button on the CDJ. When [CONTROL MODE (HID STANDARD)] is displayed on the CDJ's main display area, press and hold the [MENU] button for at least one second to advance to the [UTILITY] mode. Select [ADVANCED] for the [HID SETTING] using the rotary selector and then press [MENU] button to exit [UTILITY] mode.
- 2** Press the [LINK] button on the CDJ and then select [USB MIDI] for the [CONTROL MODE (HID ADVANCED)]. Press the rotary selector to set the parameter. The CDJ is now recognized by the Scratch Live.
  - [USB MIDI] will not appear on the CDJ's main display area when the CDJ and computer USB connection fails.
- 3** When [DECK:1?] is displayed on the CDJ's main display area, select the deck to be controlled, by rotating the rotary selector. The parameters are set by pressing the rotary selector.

As described above, the Scratch Live can now be controlled from the CDJ.

## For CDJ-850

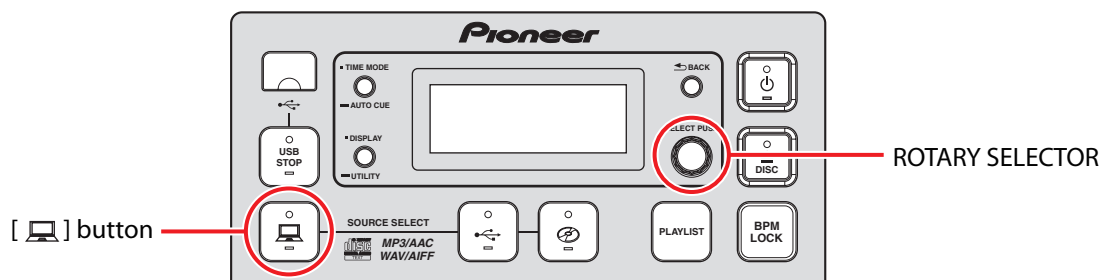


- 1** Press the [PC] button on the CDJ.
- 2** When [SELECT DECK] is displayed on the CDJ's main display area, select the deck to be controlled, by rotating the rotary selector. The parameters are set by pressing the rotary selector.

As described above, the Scratch Live can now be controlled from the CDJ.

## For CDJ-350

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- 1** Press the [ ] button on the CDJ for more than 1 sec.
- 2** When [SELECT DECK] is displayed on the CDJ's main display area, select the deck to be controlled, by rotating the rotary selector. The parameters are set by pressing the rotary selector.

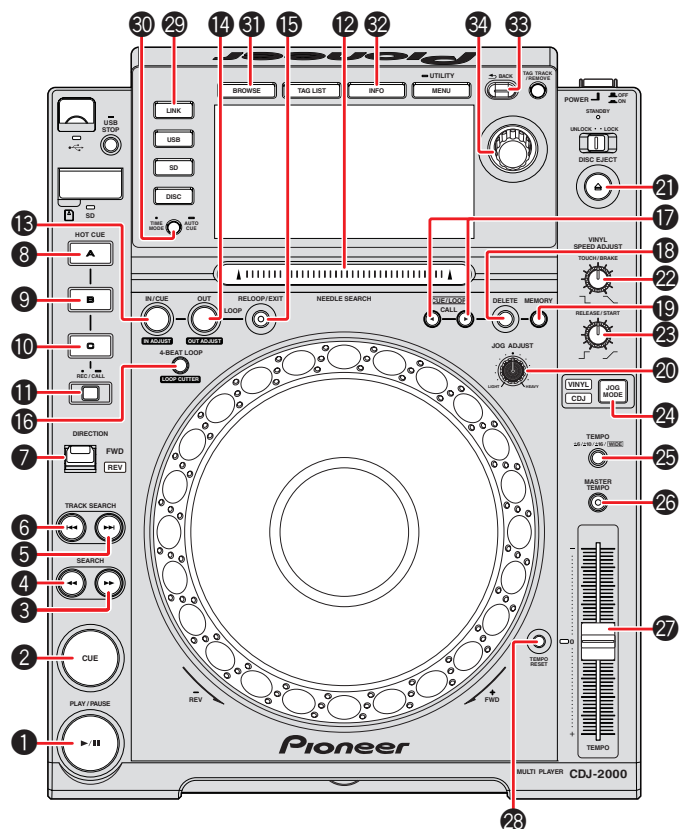
As described above, the Scratch Live can now be controlled from the CDJ.

# Operating the Scratch Live with CDJ Buttons

The default settings are shown below.

## CDJ-2000

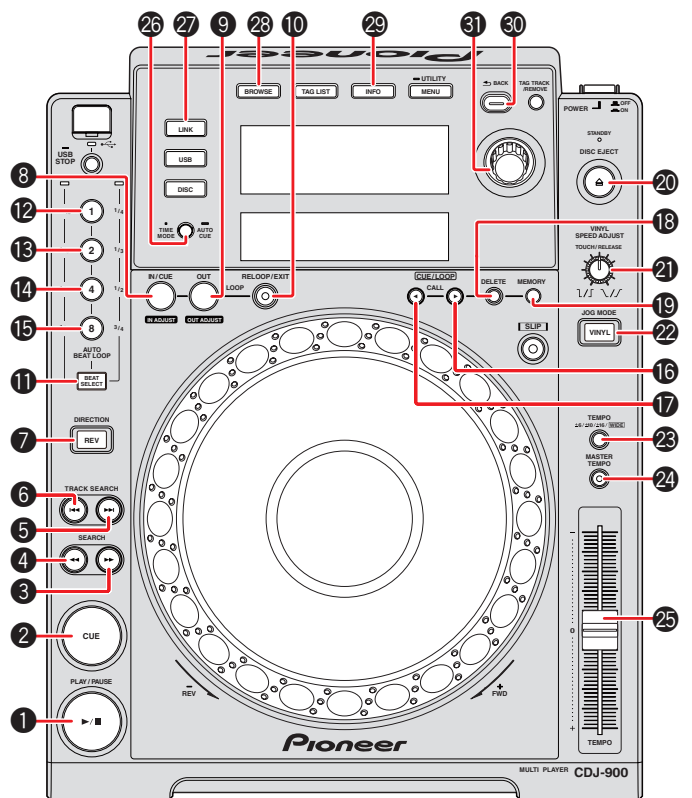
CDJ-2000 buttons	Scratch Live functions
1 PLAY/PAUSE	Toggles playback on/off
2 CUE	Works as CDJ style CUE button for setting and jumping to temporary cues.
3 SEARCH ►►	Fast Forward
4 SEARCH ◄◄	Rewind
5 TRACK SEARCH ►►	Loads next track
6 TRACK SEARCH  ◄◄	Loads previous track
7 DIRECTION	Toggles playback forwards or reverse.
8 HOT CUE A	Jumps to cue point1. If in REC mode, press to set a cue point at the current play position.
9 HOT CUE B	Jumps to cue point2. If in REC mode, press to set a cue point at the current play position.
10 HOT CUE C	Jumps to cue point3. If in REC mode, press to set a cue point at the current play position.
11 REC/CALL	Enters Hot Cue REC mode
12 NEEDLE SEARCH	Run your finger along the needle search strip to scroll through the track.
13 IN/CUE (IN ADJUST)	Sets loop in point. (Press again to adjust the loop in point. Press again to exit loop in edit mode.)
14 OUT (OUT ADJUST)	Sets loop out point. (Press again to adjust the loop out point. Press again to exit loop out edit mode.)
15 RELOOP/EXIT	Turns on and off current loop. Jumps to start of loop when turning it on.
16 4-BEAT LOOP/ LOOP CUTTER	Creates a 4 beat loop. (Press again to halve the loop to 2 beats, and again to 1 beat and so on.)
17 CUE/LOOP CALL ◄►	Jumps to next or previous loop slot.
18 DELETE	Deletes current loop slot.
19 MEMORY	Saves the loop to the current loop slot.
20 JOG ADJUST	Adjust platter sensitivity.
21 DISC EJECT	Eject the current track. NOTE : This also ejects any CD in the CDJ.
22 TOUCH/BREAK	Adjusts the stop speed.
23 RELEASE/START	Adjusts the start play speed.
24 JOG MODE	Switches between jog and scratch mode for platter interaction.



CDJ-2000 buttons	Scratch Live functions
25 TEMPO	Switches tempo range between +/- 6, 10, 16 and 100% (WIDE)
26 MASTER TEMPO	Toggles Keylock on or off
27 TEMPO	Adjust pitch slider
28 TEMPO RESET	Reset pitch to zero
29 LINK	Enters PC control mode.
30 TIME MODE (AUTO CUE)	Switches display between elapsed & remaining time
31 BROWSE	Browse through library
32 INFO	Displays song information
33 BACK	Moves focus back to the crate selector.
34 Rotary selector	Scrolls through library (crates/songs/browse). Push the rotary selector to load select track or to tab cursor focus

# CDJ-900

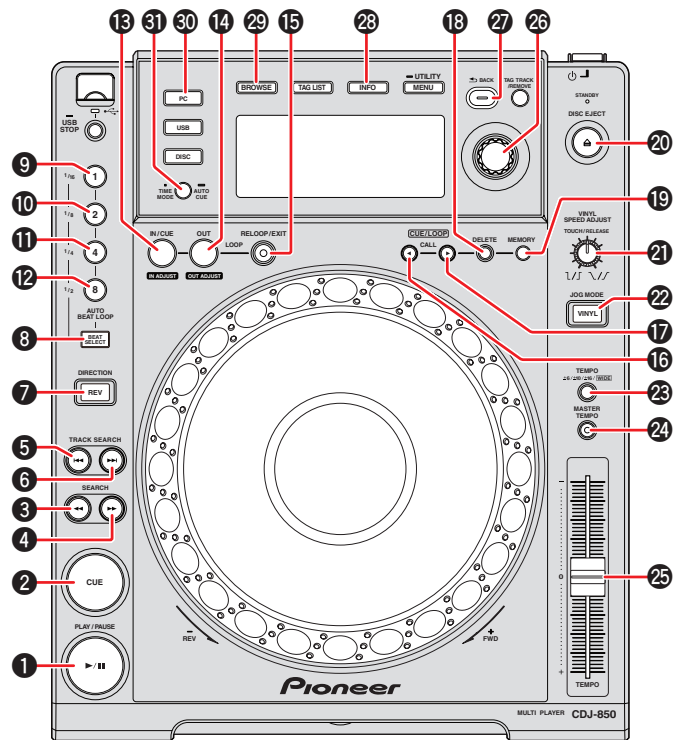
CDJ-900 buttons	Scratch Live functions
1 PLAY/PAUSE	Toggles playback on/off
2 CUE	Works as CDJ style CUE button for setting and jumping to temporary cues.
3 SEARCH ►►	Fast Forward
4 SEARCH ◄◄	Rewind
5 TRACK SEARCH ►►	Loads next track
6 TRACK SEARCH ◄◄	Loads previous track
7 DIRECTION	Toggles playback forwards or reverse.
8 IN/CUE (IN ADJUST)	Sets loop in point. (Press again to adjust the loop in point. Press again to exit loop in edit mode.)
9 OUT (OUT ADJUST)	Sets loop out point. (Press again to adjust the loop out point. Press again to exit loop out edit mode.)
10 RELOOP/EXIT	Turns on and off current loop. Jumps to start of loop when turning it on.
11 BEAT SELECT (Press)	Switches the auto loop beat division between (1, 2, 4, 8) and (1/16, 1/8, 1/4, 1/2)
11 BEAT SELECT (Hold)	Press and hold Beat Division button to switch to (1/4, 1/3, 1/2, 3/4)
12 1	Toggles 1 bar autoloop on/off.
13 2	Toggles 2 bar autoloop on/off.
14 4	Toggles 4 bar autoloop on/off.
15 8	Toggles 8 bar autoloop on/off.
16 CUE/LOOP CALL ►	Jumps to next loop slot
17 CUE/LOOP CALL ◄	Jumps to previous loop slot
18 DELETE	Deletes current loop slot.
19 MEMORY	Saves the loop to the current loop slot.
20 DISC EJECT	Eject the current track. NOTE : This also ejects any CD in the CDJ.
21 TOUCH/RELEASE	Adjusts the stop and start speeds.
22 JOG MODE	Switches between jog and scratch mode for platter interaction.
23 TEMPO	Switches tempo range between +/- 6, 10, 16 and 100% (WIDE)



CDJ-900 buttons	Scratch Live functions
24 MASTER TEMPO	Toggles Keylock on or off
25 TEMPO	Adjust pitch slider
26 TIME MODE	Switches display between elapsed & remaining time
27 LINK	Enters PC control mode.
28 BROWSE	Browse through library
29 INFO	Displays song information
30 BACK	Moves focus back to the crate selector.
31 Rotary selector	Scrolls through library (crates/songs/browse). Push the rotary selector to load select track or to tab cursor focus

# CDJ-850

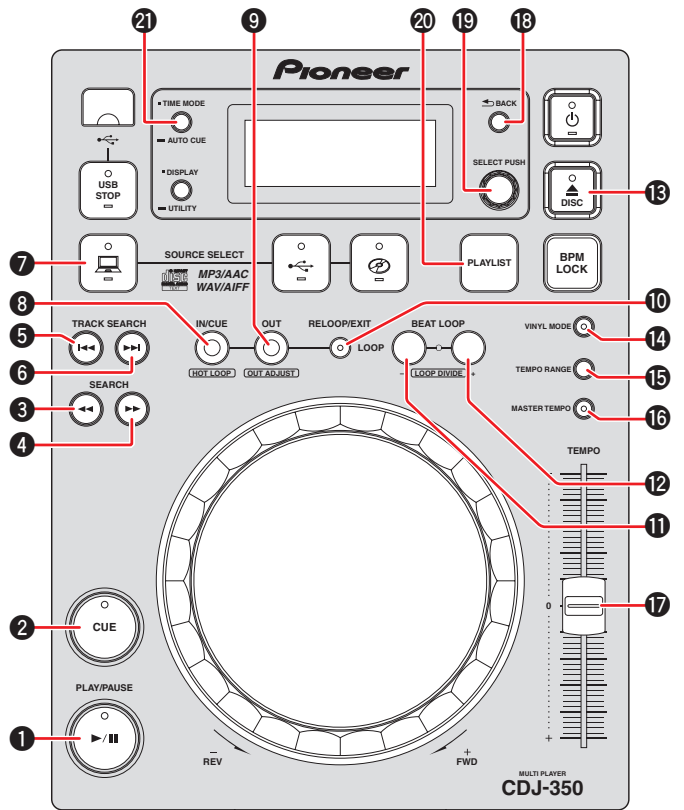
CDJ-850 buttons	Scratch Live functions
1 PLAY/PAUSE	Toggles playback on/off
2 CUE	Works as CDJ style CUE button for setting and jumping to temporary cues.
3 SEARCH ◀◀	Rewind
4 SEARCH ▶▶	Fast Forward
5 TRACK SEARCH ◀◀◀	Loads previous track
6 TRACK SEARCH ▶▶▶	Loads next track
7 DIRECTION	Toggles playback forwards or reverse.
8 BEAT SELECT	Switches the auto loop beat division between (1, 2, 4, 8) and (1/16, 1/8, 1/4, 1/2)
9 1	Toggles auto loop on/off. (1 bar or 1/16 depending on Beat Select division.)
10 2	Toggles auto loop on/off. (2 bar or 1/8 depending on Beat Select division.)
11 4	Toggles auto loop on/off. (4 bar or 1/4 depending on Beat Select division.)
12 8	Toggles auto loop on/off. (8 bar or 1/2 depending on Beat Select division.)
13 IN/CUE (IN ADJUST)	Sets loop in point. (Press again to adjust the loop in point. Press again to exit loop in edit mode.)
14 OUT (OUT ADJUST)	Sets loop out point. (Press again to adjust the loop out point. Press again to exit loop out edit mode.)
15 RELOOP/EXIT	Turns on and off current loop. Jumps to start of loop when turning it on.
16 CUE/LOOP CALL ◀	Jumps to previous loop slot
17 CUE/LOOP CALL ▶	Jumps to next loop slot
18 DELETE	Deletes current loop slot.
19 MEMORY	Saves the loop to the current loop slot.
20 DISC EJECT	Eject the current track. NOTE : This also ejects any CD in the CDJ.
21 TOUCH/RELEASE	Adjusts the stop and start speeds.



CDJ-850 buttons	Scratch Live functions
22 JOG MODE	Switches between jog and scratch mode for platter interaction.
23 TEMPO	Switches tempo range between +/- 6, 10, 16 and 100% (WIDE)
24 MASTER TEMPO	Toggles Keylock on or off
25 TEMPO	Adjust pitch slider
26 Rotary selector	Scrolls through library (crates/songs/browse). Push the rotary selector to load select track or to tab cursor focus
27 BACK	Moves focus back to the crate selector.
28 INFO	Displays song information
29 BROWSE	Browse through library
30 PC	Enters PC control mode.
31 TIME MODE	Switches display between elapsed & remaining time

# CDJ-350

CDJ-350 buttons	Scratch Live functions
1 PLAY/PAUSE	Toggles playback on/off
2 CUE	Works as CDJ style CUE button for setting and jumping to temporary cues.
3 SEARCH ◀◀	Rewind
4 SEARCH ▶▶	Fast Forward
5 TRACK SEARCH ◀◀	Loads previous track
6 TRACK SEARCH ▶▶	Loads next track
7	Enters PC control mode.
8 IN/CUE (HOT LOOP)	Sets loop in point. (Press again to adjust the loop in point. Press again to exit loop in edit mode.)
9 OUT (OUT ADJUST)	Sets loop out point. (Press again to adjust the loop out point. Press again to exit loop out edit mode.)
10 RELOOP/EXIT	Turns on and off current loop. Jumps to start of loop when turning it on.
11 BEAT LOOP -	Halves loop length when loop is active. Scrolls through stored loops when loop is not active.
12 BEAT LOOP +	Doubles loop length when loop is active. Scrolls through stored loops when loop is not active.
13 DISC ▲	Eject the current track. NOTE : This also ejects any CD in the CDJ.
14 VINYL MODE	Switches between jog and scratch mode for platter interaction.
15 TEMPO RANGE	Switches tempo range between +/- 6, 10, 16 and 100% (WIDE)
16 MASTER TEMPO	Toggles Keylock on or off
17 TEMPO	Adjust pitch slider
18 ↶ BACK	Moves focus back to the crate selector.



CDJ-350 buttons	Scratch Live functions
19 Rotary selector	Scrolls through library (crates/songs/browse). Push the rotary selector to load select track or to tab cursor focus
20 PLAYLIST	Adds currently highlighted track to Prepare Crate.
21 TIME MODE	Switches display between elapsed & remaining time

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