

AUREX

SAMPLEDECK

real time sampling sequencer and FX device



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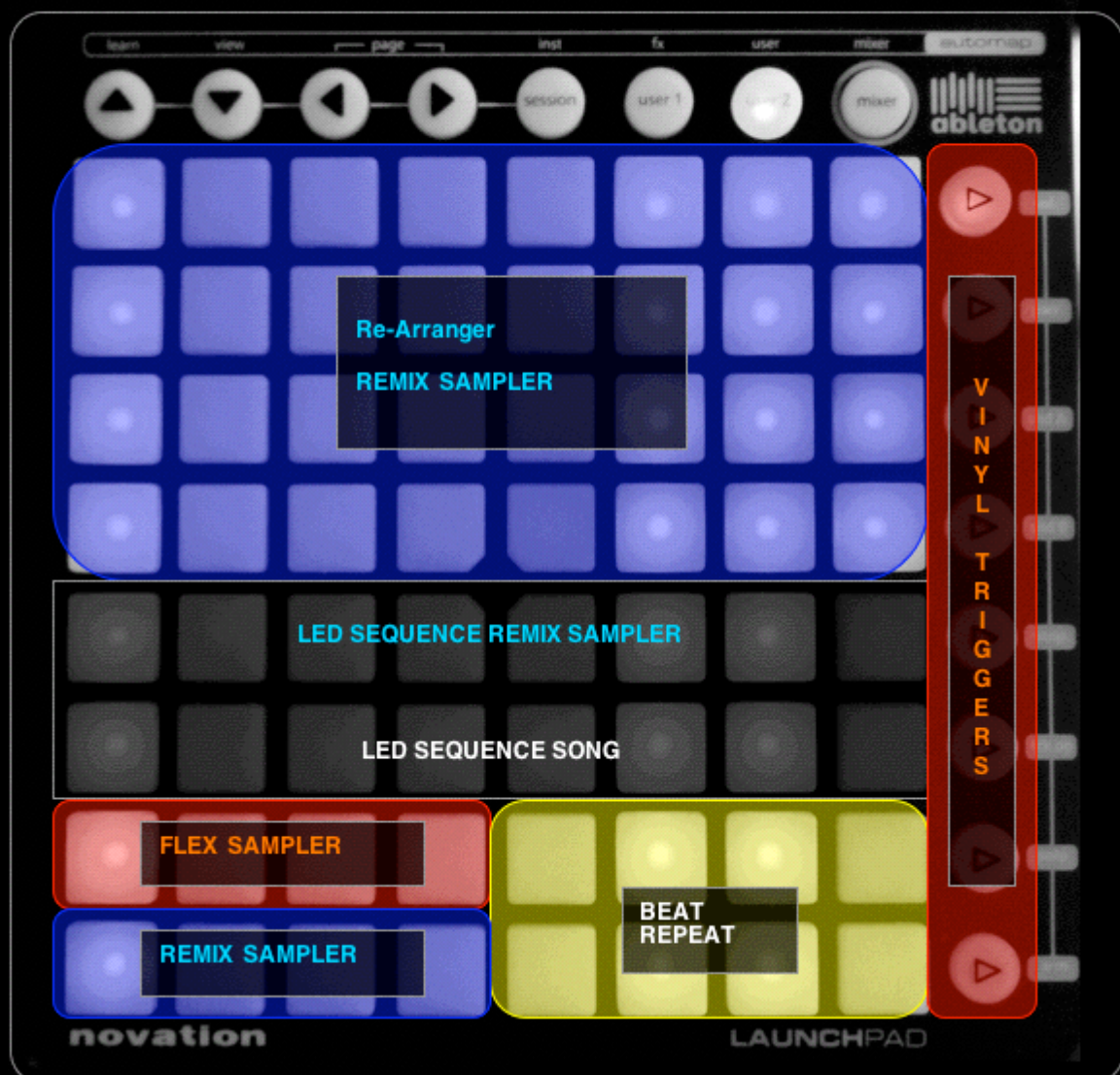
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1. What is the SampleDeck

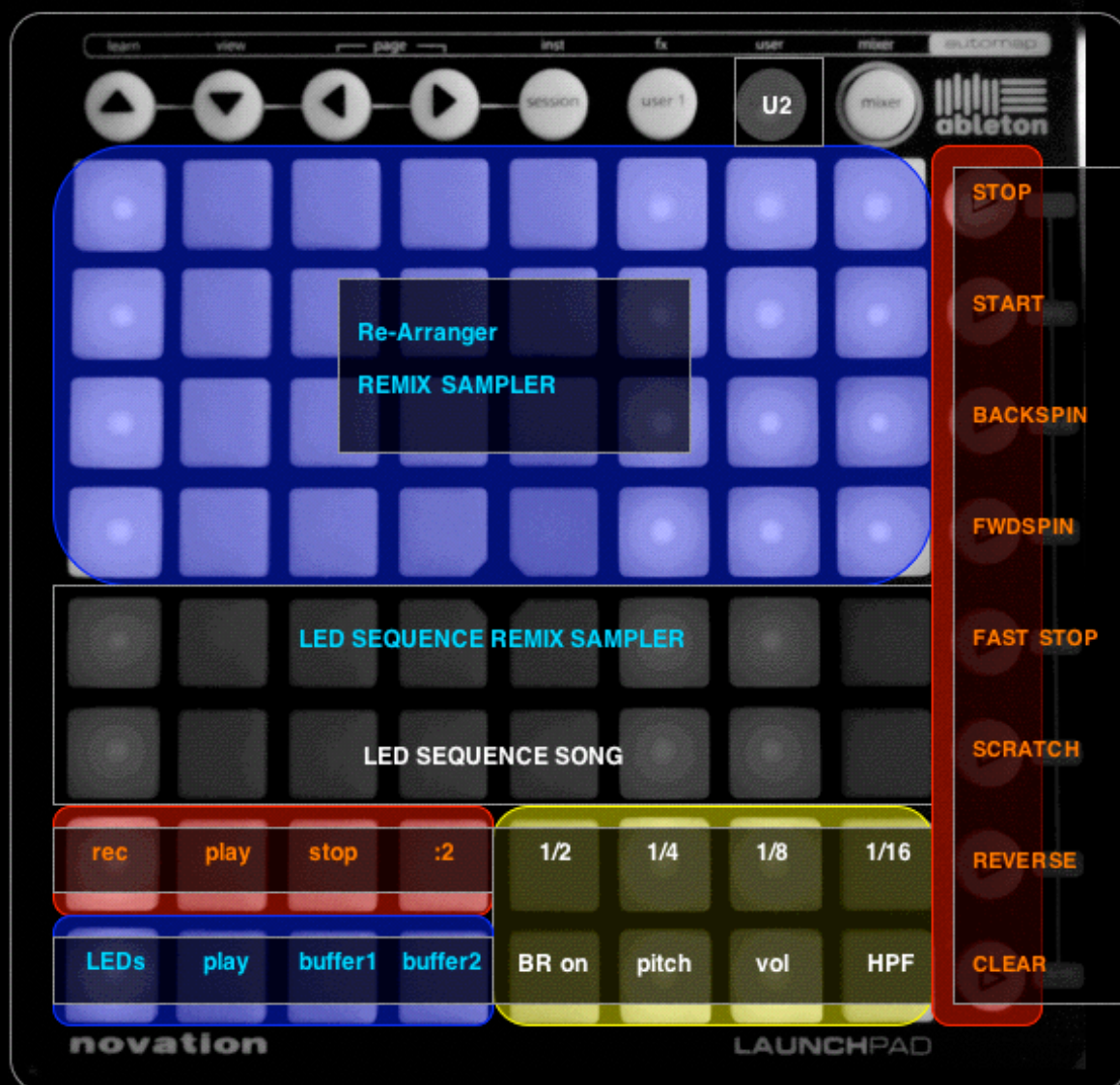
The SampleDeck is a realtime sampling and remix device for the Novation Launchpad. The SampleDeck also includes a Vinyl simulator (as an effect, not for beatmatching tracks or serious scratching) and an effects section. It uses 2 'samplers' to capture a loop while your song is playing and you have the ability to switch the audio to one of the samplers at any time you want. You can remix and transform everything you want: just a loop, full songs when dj-ing or even a realtime input to remix a live band on the fly.

OVERVIEW

Global



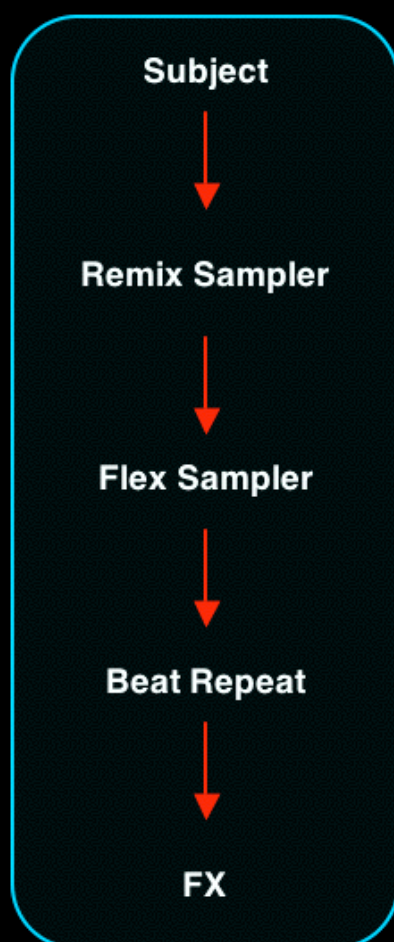
Detailed



FX Section



audio flow



2. Requirements and Installation

You will need the following:

- Novation Launchpad
- Ableton Live (8.1.3 or higher)

NO M4L / Bome / ... is required !

Connect you're Launchpad with Ableton.
Just open the .als file and you're ready to go.

Drop your tracks and audio in the **Subject** track.
Make sure the volume stays at - Inf or just keep the Subject track muted.

3. Ableton Settings

To make sure everything works as it should, you have to make sure all the connections and settings are ok. Normally, this should work right out of the box, but in case you're having a few problems, this is how everything needs to be connected:

AUDIO INS AND OUTS

Tip: Use Monitor IN and select an appropriate 'Audio From' channel for the **SUBJECT** track if you'd like to remix from a live input (i.e. a microphone or a full live band).

The screenshot displays the Ableton Live interface, specifically the Sample Deck and Mixer sections. The Sample Deck is divided into two main tracks: **SUBJECT** (highlighted in orange) and **LOOPER / VINYL** (highlighted in green). The **SUBJECT** track is currently selected, and its audio routing is configured as follows:

- Audio From:** Ext. In (External Input)
- Monitor:** In (Monitoring is enabled)
- Audio To:** Master (The track's output is sent to the Master bus)

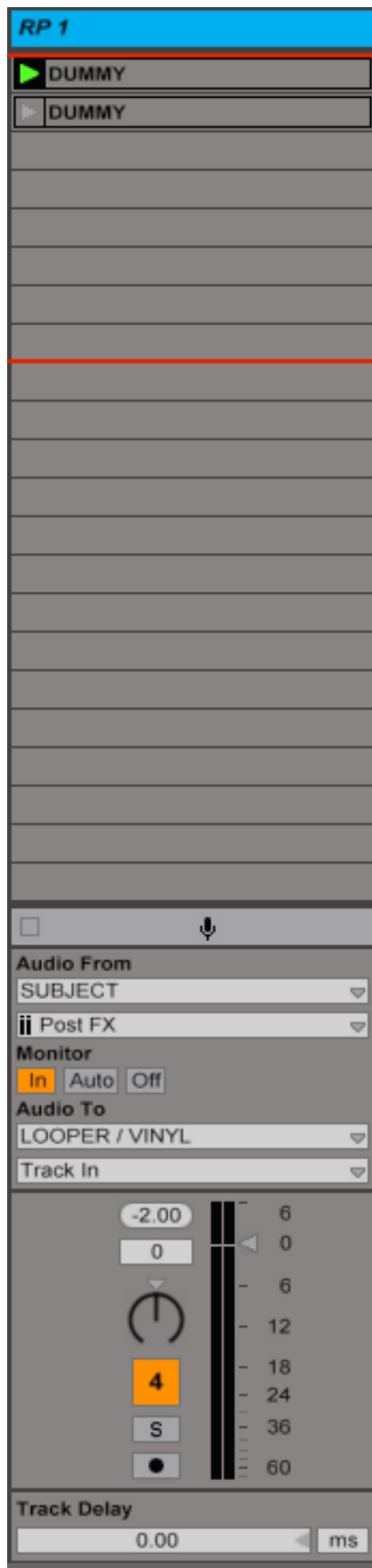
The Mixer section shows the audio levels for the **SUBJECT** track. The volume fader is set to 0, and the track delay is 0.00 ms. The mixer also displays the audio levels for the **LOOPER / VINYL** track and the Master bus.

The Sample Deck also shows a list of actions for the **SUBJECT** track, including:

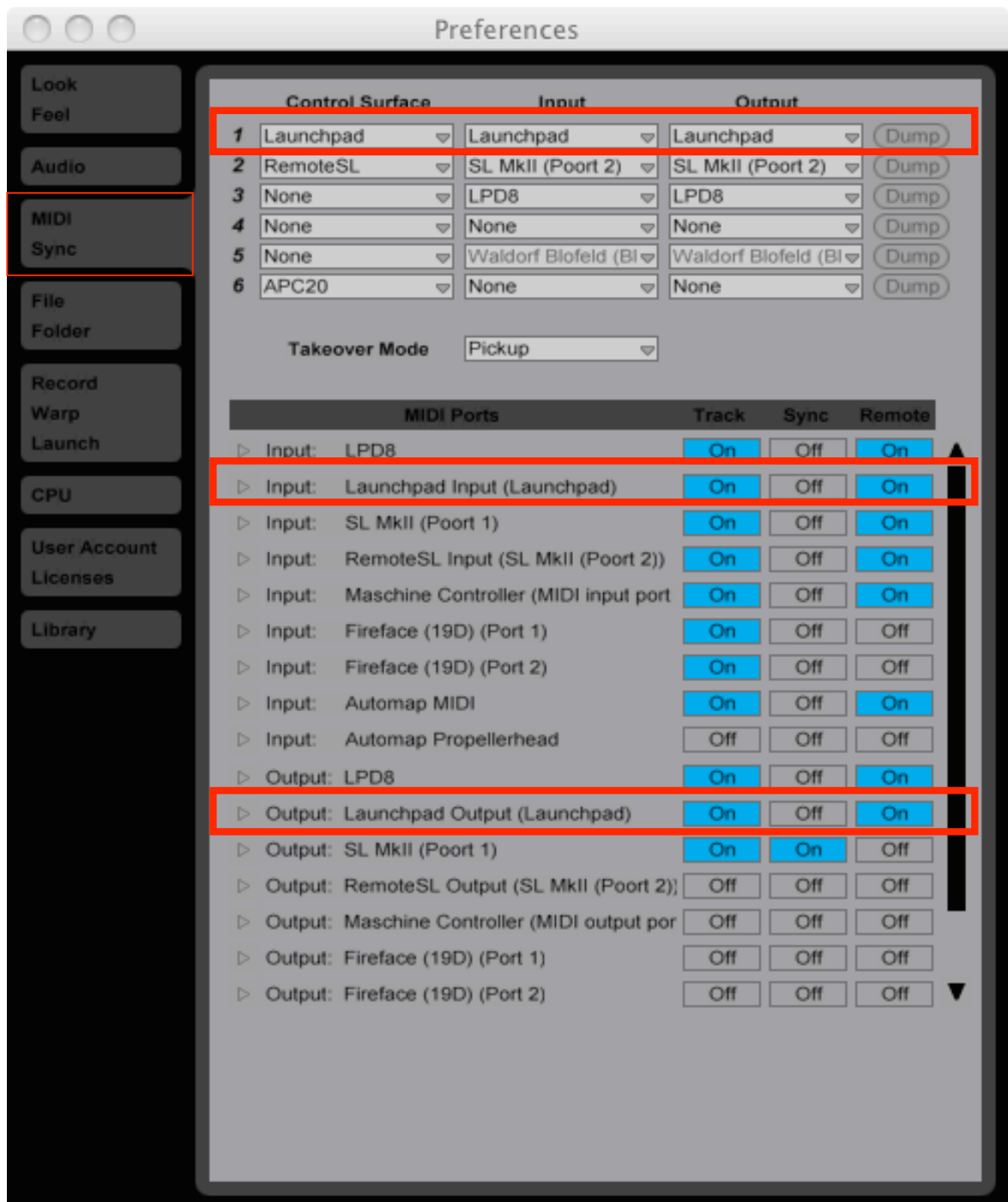
- 1 STOP
- 2 START
- 3 BACKSPIN
- 4 FWDSPIN
- 5 FAST STOP
- 6 SCRATCH ;)
- action 1
- action 2
- action 3
- action 4
- 7 REVERSE
- 8 CLEAR
- up (fast) - not in use
- 12 - not in use
- Monotrix
- COUNT
- justice-d.a.n.c.e.
- Monotrix demo

MIDI INS AND OUTS

Use the same settings for all **RP** tracks and for all **LIGHTS** tracks.



LAUNCHPAD - PREFERENCES

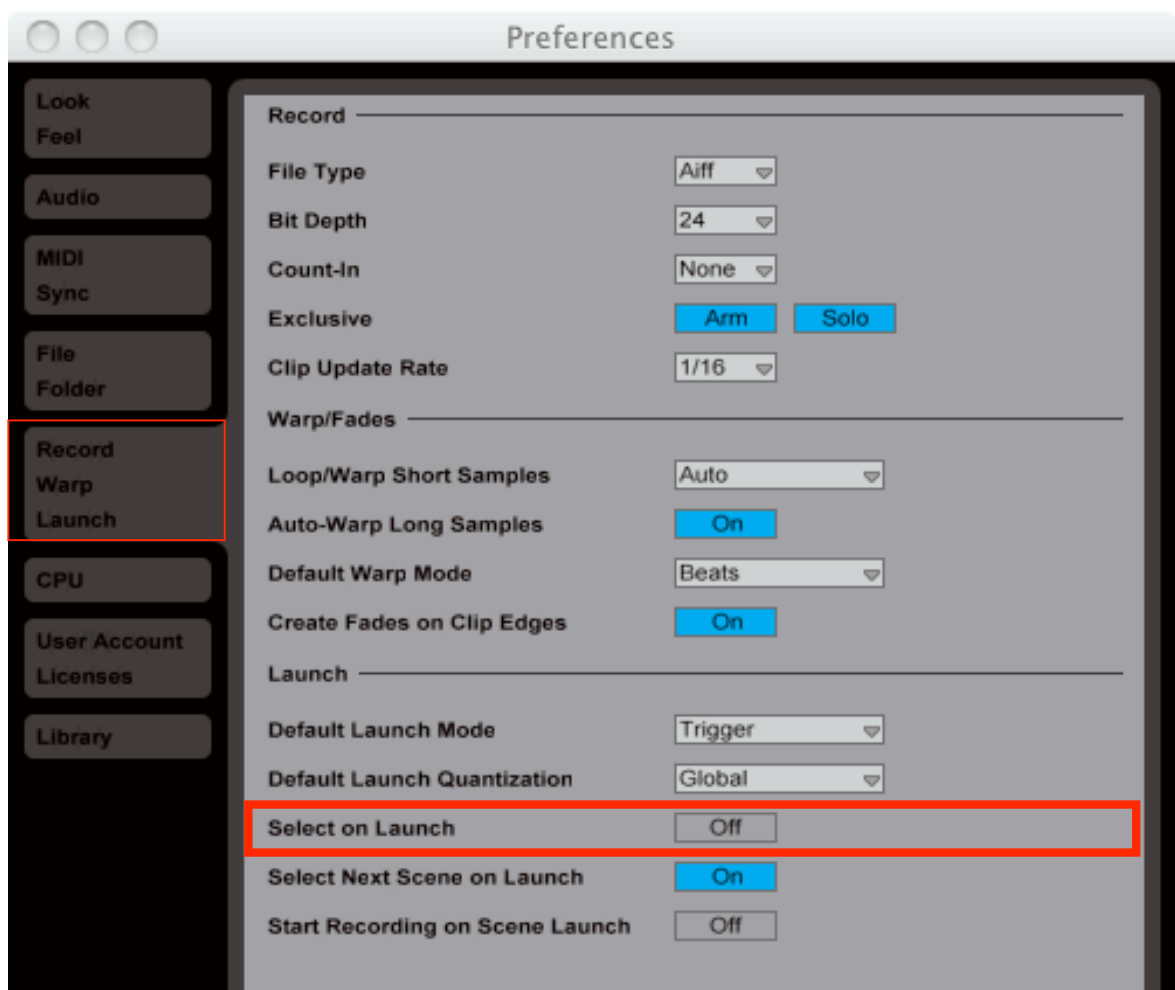


SELECT ON LAUNCH

Because the SampleDeck uses clips for it's sampling and to give led feedback, Live jumps to these clips when performing certain actions with the SampleDeck. This can be unwanted when you're performing (for example when you're doing a dj set, you don't want Live to jump back to scene 1 when you're playing a song at scene 46). To make sure this doesn't happen, you have to make the "Select on Launch" inactive:

“Select on Launch

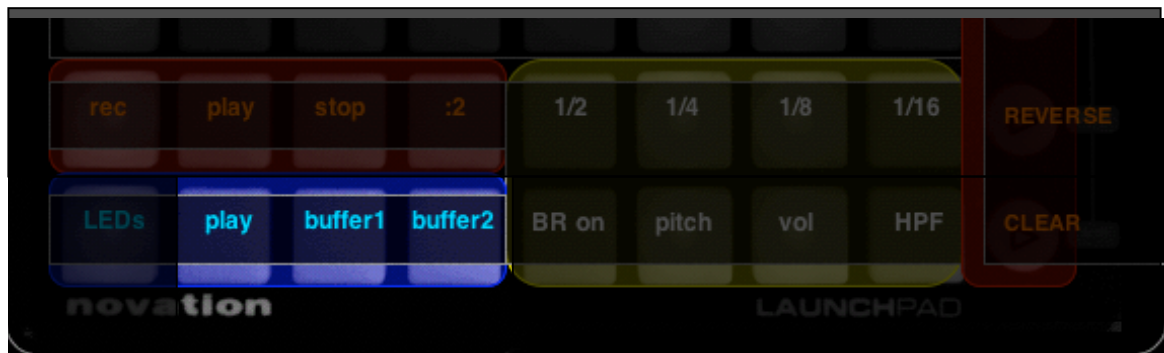
By default, clicking a Session View clip's Launch button also selects the clip, since you will typically want the Clip View to show the newly launched clip. However, some power-users don't want the current focus (e.g., a return track's devices) to disappear just because a clip has been launched, especially when starting a clip in order to try it with the return track device settings. Turn off the Select on Launch option from the Launch Preferences if you prefer the view to remain as is when you launch clips or scenes.”



4. Remix Sampler

The Remix Sampler samples a 1 bar or 1/2 bar loop, it chops it up in slices and let's you rearrange the slices in any way you want.

There are 3 main control buttons: The **Play**, and the **Buffer1** and **Buffer2** buttons. Buffer 1 and 2 both have a Launch quantisation of 1 bar to make sure you're sampling starts in time. The play button of the Remix Sampler is just a switch to hear the audio from the Remix Sampler instead of the original audio. It has no quantisation, so you can perform some rhythmical cuts ;) The first four rows on the Launchpad are for rearranging the slices.



- **Play**: This let's you switch between the audio of the subject (the song/loop/sample/realtime input you're playing) and the audio of the remix sampler.
- **Buffer 1**: This let's you sample a 1 bar loop with slices of a 1/4 note
- **Buffer 2**: This let's you sample a 1/2 bar loop with slices of a 1/8 note

Notice that the Launchpad gives feedback when you're sampling. After you pressed one of the "Buffer" buttons, the LED sequence for the remix sampler starts building red pads (from left to right) until the sampling is done. To make sure every slice is available, you have to wait switching to the Remix Sampler's audio until the sampling is done.

The **Re-Arranger**: For every sampled loop (doesn't matter which one of the 2 buffer sizes) you get 4 different slices. Slice 1 is on the first row, slice 2 on the second and so on. The LED-sequence of the Remix Sampler shows you when the slices are being played. To make sure you don't have dropouts when re-arranging the slices, make sure there's always a pad on when the led sequence passes this point (this is a bit difficult to explain, but you'll know what I mean when you're working with it). Also, you can sample something and rearrange it before you make the switch to the audio of the remix sampler (or place the steps of the Re-Arranger in the sequence you want and then start sampling the audio). This is most of the time the best option because you have all the time you need to make a clever rearrangement.



5. Flex Sampler

The Flex Sampler samples a loop (as long as you like) and let's you do Vinyl-like actions such as stopping/starting the plate, doing a backspin, reversing, ...

Before I get hate mails from junglists and Vinyl-lovers: this is just meant as an effect, I know it doesn't sound like the real deal and no, you can't beatmatch with it or make convincing scratches ;)

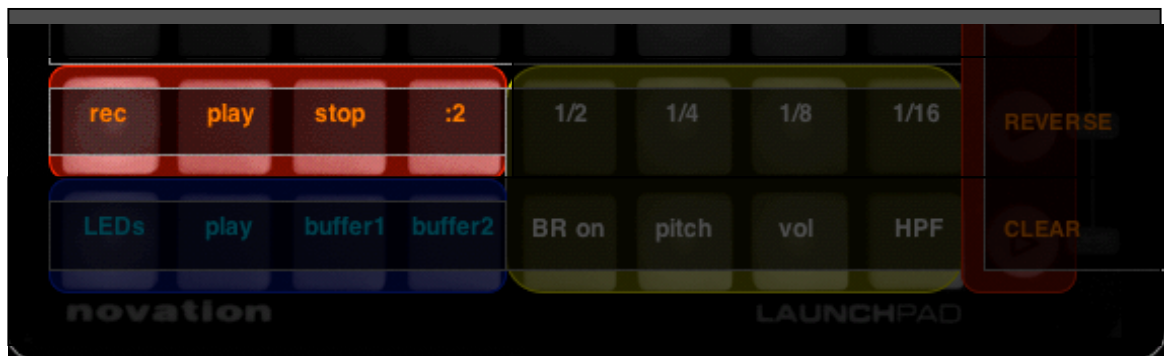
Real Vinyl Plates ♥

There are 4 main control buttons: **Rec**, **Play**, **Stop** and **:2**

I guess rec, play and stop don't need much explanation. Just notice that you always have accurate feedback (when recording the rec button starts blinking, when playing the rec, play and stop button will go to an on-state). When you've sampled something you can play and stop it whenever you want.

If you press the play button, the audio automatically changes to the audio from the Subject to the Flex Sampler. If you press the stop button, the audio changes back to the original audio (the Subject). Record and Play have a 1/2 bar quantisation.

The :2 button cut's the length of the current buffer in half. The material in the currently playing half is kept, while the other half is discarded.



On the right of the Launchpad, you have 8 **Vinyl triggers** (the buttons with the play icon on them). They perform the following actions:

- Stop: Stop the plate! Your loop slows down until complete silence, with a delay effect towards the end.
 - Start: Start the plate! Your loop speeds up until complete silence, with a delay effect towards the end.
 - Backspin: spin that record. The plate stops at the end.
 - Forward spin: spin that record (up). The plate plays at normal tempo at the end.
- Because of it's pitching and tempo changes, it will not be in time with the song (you can check it by looking at the Song and Remix Sampler LED-Sequences). A good idea is to perform another Vinyl Trigger (i.e. a backspin) before you switch to the original song.
- Fast Stop: Same as the normal stop, but much faster and without the delay effect.
 - Scratch: Is always doing a different kind of scratching, except for the beginning. When you press the trigger you'll always hear a rapid scratch to start, it can be cool to trigger it again in time with the tempo. This effect sounds even better with the reverse on.
 - Reverse: ending towards beginning, you can turn this on or off for every Vinyl trigger.
 - Clear: just the sampled loop with no effects

Again I'm sorry if these terms are offensive to Junglists and Vinyl-lovers ;)

Tip: Getting the beat right and avoiding silence

As some of the triggers stop at complete silence or make certain tempo and pitch changes you can get some unexpected results when you sample a new loop while one of the Vinyl Triggers is still selected (notice you always have led feedback to see which trigger is currently selected).

Just make sure you have the Clear trigger selected before you sample something, or before you press the play button of the Flex Sampler and everything will be perfect.

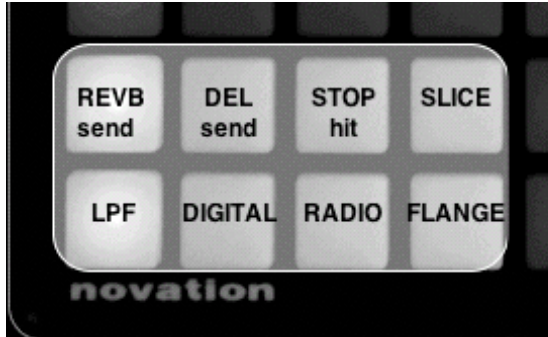


6. Beat Repeat and FX

Beat Repeat: Just a standard Beat Repeat with a few rates and functions mapped to the Launchpad. You have led feedback for all the settings.

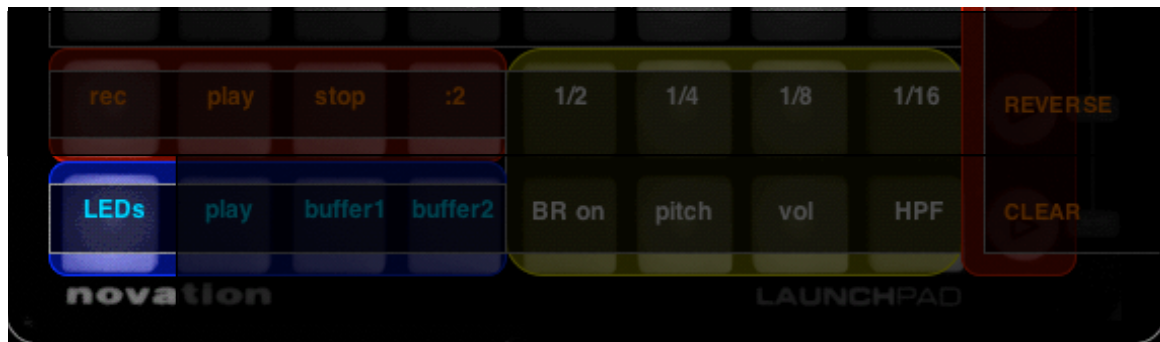


FX: I mapped a few FX triggers in User 1. Of course, you can remap them with your own effects.



7. Tips & Tricks

- you can remix a live input 'on the fly' (pg 8)
- Make sure you set "Select on Launch" to off to avoid unwanted clip jumps (pg 11)
- set your slice steps before switching to the Remix Sampler (pg 13)
- Select the "clear" trigger before you use the Flex sampler (pg 15)
- you can sample two different parts of a song (1 in the Remix Sampler and 1 in the Flex sampler) and use them when playing another song
- try practicing some techniques that work really well so you know what will happen
- you can switch between Remix and Flex sampler by letting the Remix Sampler play and pressing the play and stop buttons of the Flex Sampler
- turn the LED feedback off when going to other Launchpad modes (Session, ...)



8. Donations and Contact

Donations

As with all the other aurex sequencers, you can download them completely for free. However, as I put a lot of time and energy into them, I would really appreciate it if you made a donation. This way, I can continue to make new sequencers, write manuals for all and even make them available for the APC20.

Just click the “Donate” button on the website, aurexmusic.com/downloads
The money transfer is handled by Paypal and completely secured.

Thanks !

Troxic, Masher and 8 Step-V2

All the other sequencers can be downloaded at aurexmusic.com/launchpad

Contact

You can always contact me by writing a mail to aurexmusic@gmail.com

(Doesn't matter if it's for a booking, a question or just a little chat).

I try to contact everyone in person asap, just don't be mad if it takes a few days ;)

Hope you're having fun with my sequencers.
Cheers !

aurex

