

# LAUNCHPAD<sup>PRO</sup>

Update V1.2.1 User Guide Addendum



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## Introduction

Update V1.2 for the Launchpad Pro [MK3] brings new features that expand the creative and performance capabilities of the controller. Read on to find out how to use each of the newly added features.

The firmware update may be installed to your product for free via Components at <https://components.novationmusic.com/>.

If you're having trouble updating your unit or with using any of the features in the guide, don't hesitate to contact our support team at <https://support.novationmusic.com/hc/en-gb>.

Update V1.2.1 brings Legacy Mode in-line with Launchpad X and Mini [MK3].

## Unquantised recording

With the unquantised recording feature you may record directly to micro steps in the built-in sequencer. This is great for capturing the organic feel of your live playing and getting your beats off-grid.

By default, live recording is quantised to steps, i.e. Record Quantise is enabled. This is indicated by the **[Quantise/Record Quantise]** button lighting green when shift is held.

To disable Record Quantise, press the **[Quantise/Record Quantise]** button while holding shift – it will turn red to indicate that Record Quantise is disabled. You are now able to record your playing unquantised. Simply repeat the same action to re-enable Record Quantise.



Record Quantise is enabled on the left (green), while it is disabled on the right (red).

Note that the selection for the Record Quantise setting will persist when the device is power cycled.

## Performance Velocity, Probability and Mutation

Step parameters may now be performed live, allowing you to get hands on with your sequences and create interesting and intricate rhythms on the fly.

To perform with any of these parameters, first make sure sequencer playback is active by pressing the play button in any of the sequencer views. Next, ensure that there are populated steps in the currently playing pattern for the currently viewed track. Now press **[Velocity]**, **[Probability]** or **[Mutation]** to enter a step parameter view. You may now press any of the Velocity, Probability or Mutation values to momentarily override the values assigned to each step.

This feature can be very useful for creating dynamics in drum beats, melodies or basslines rapidly, particularly with velocity which is often mapped to the amp level of a synth or sample.

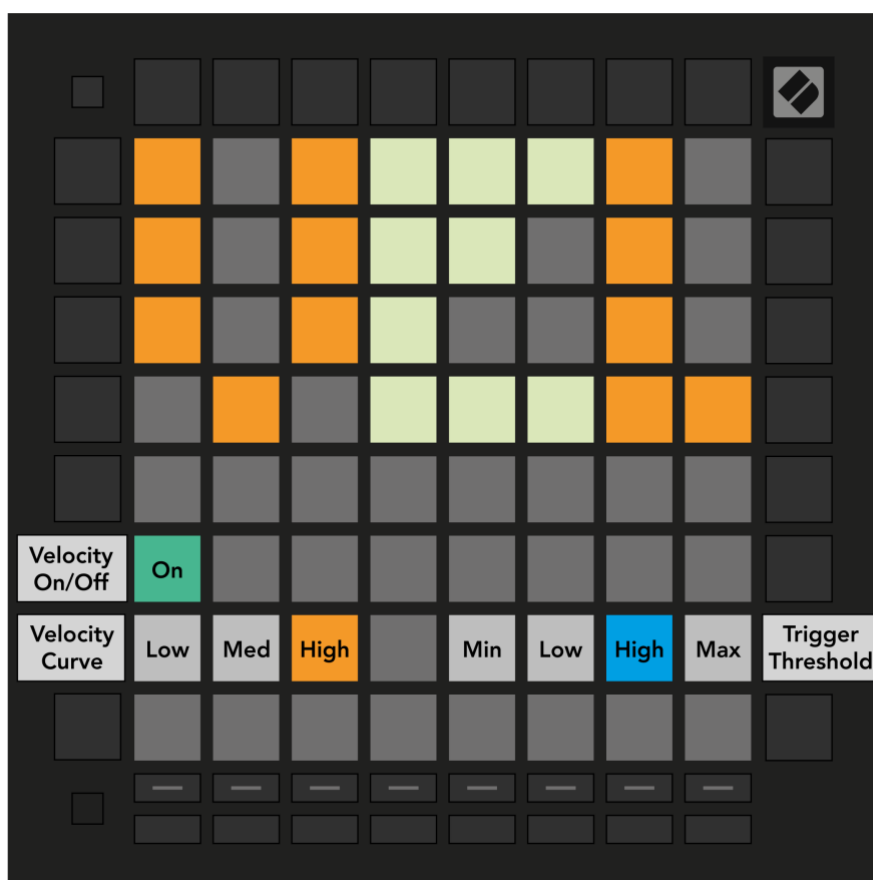
Live performance of these step parameters may be recorded to a pattern. Press record to enable recording, perform with Velocity, Probability, and/or Mutation, then press record once again to stop recording.

## Pad Trigger Threshold

It is now possible to change the trigger threshold for pads. That is, you may customise Launchpad Pro's pads to respond to very light touches, or to be more forgiving to compensate for a heavier touch, triggering only when a pad is pressed harder.

To choose a trigger threshold, hold **[Setup]** and press the second Track Select button to enter the Velocity menu. The four pads on the right-hand side represent the different trigger thresholds available. The selected setting is lit blue, while the others are lit dim white.

The left-most pad represents the lowest trigger threshold. With this setting selected, the pads will trigger at a very light touch. This is the default setting, and it is particularly useful for responsive pad feedback when using Note or Chord modes.



The updated Velocity menu for v1.2, now with Trigger Threshold selection.

The right-most pad represents the highest trigger threshold. With this setting selected, the pads will only trigger once a greater force has been applied to them. This is useful if you wish to use Launchpad Pro primarily for triggering clips in Ableton Live, where accidentally launching a clip could heavily impact a live set. This setting also allows you to rest a finger on a pad more comfortably without triggering it.



## Legacy Mode

Legacy Mode re-introduces the User layout of the original Launchpad Pro. This brings a level of backwards compatibility that allows you to interface with legacy applications and lightshow performances designed for the original Launchpad Pro.



The layout is as seen below. Unspecified numbers represent note numbers, while CC numbers (control change) are labelled as such. See the programmer's reference guide for more information on lighting pads.

Note that while the top row of buttons sends out CCs upon being pressed, note messages may also be used to light them. This allows for the entire view to be lit using only note messages.

Pads & buttons may also be lit via SysEx messages in Legacy mode. The layout for doing so matches that of Programmer Mode, which you can read more about in the Programmer's Reference Guide.

26	28	29	30	31	32	33	34	35	27
CC 90	CC 91	CC 92	CC 93	CC 94	CC 95	CC 96	CC 97	CC 98	 CC 99
108	64	65	66	67	96	97	98	99	100
109	60	61	62	63	92	93	94	95	101
110	56	57	58	59	88	89	90	91	102
111	52	53	54	55	84	85	86	87	103
112	48	49	50	51	80	81	82	83	104
113	44	45	46	47	76	77	78	79	105
114	40	41	42	43	72	73	74	75	106
115	36	37	38	39	68	69	70	71	107
	116	117	118	119	120	121	122	123	
	12	13	14	15	16	17	18	19	

Above the note & CC values are shown in decimal format.

1Ah	1Ch	1Dh	1Eh	1Fh	20h	21h	22h	23h	1Bh	
CC 5Ah	CC 5Bh	CC 5Ch	CC 5Dh	CC 5Eh	CC 5Fh	CC 60h	CC 61h	CC 62h		CC 63h
6Ch	40h	41h	42h	43h	60h	61h	62h	63h	64h	
6Dh	3Ch	3Dh	3Eh	3Fh	5Ch	5Dh	5Eh	5Fh	65h	
6Eh	38h	39h	3Ah	3Bh	58h	59h	5Ah	5Bh	66h	
6Fh	34h	35h	36h	37h	54h	55h	56h	57h	67h	
70h	30h	31h	32h	33h	50h	51h	52h	53h	68h	
71h	2Ch	2Dh	2Eh	2Fh	4Ch	4Dh	4Eh	4Fh	69h	
72h	28h	29h	2Ah	2Bh	48h	49h	4Ah	4Bh	6Ah	
73h	24h	25h	26h	27h	44h	45h	46h	47h	6Bh	
	74h	75h	76h	77h	78h	79h	7Ah	7Bh		
	0Ch	0Dh	0Eh	0Fh	10h	11h	12h	13h		

Above the note & CC values are shown in hexadecimal format.