

Novation LaunchPad Emulator Quickstart Guide

November, 2012

Introduction

Our Novation LaunchPad Emulator for QuNeo consists of an Ableton Live Remote Control Surface map created with Python. The Remote Control Surface map goes with QuNeo's factory preset number 9. This allows you to use all of the familiar features that the LaunchPad provides on QuNeo.

To use the Novation LaunchPad Emulator you must have one of the following versions of Ableton Live installed on your computer: Ableton 7, Ableton Live 8, or Ableton Live 8 Suite (not compatible with Live 9). Go to <http://www.ableton.com/products> to purchase or learn more about Ableton Live.

Install QuNeo LaunchPad Emulator:

Locate the folder called "QuNeoLaunchPad". Follow these steps to place this folder in the correct location:

Mac:

1. Locate your Ableton Live application (must be original not alias or shortcut):
 - a. If your Ableton Live version is **pre 8.3**: "Applications/Live [version]/Live.app"
 - b. If your Ableton Live version is **8.3 and up (pre 9)**: "Applications/Ableton Live [version].app"
2. Ctrl-click on the .app file and go to "Show Package Contents"
3. Now go into the "/Contents/App-Resources/MIDI Remote Scripts/" folder
4. Paste the "QuNeoLaunchPad" folder into the "MIDI Remote Scripts" folder.

Windows:

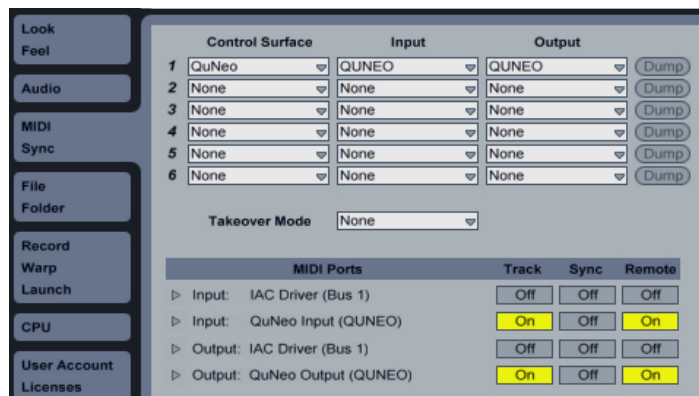
1. Locate Ableton Live's "MIDI Remote Scripts" folder:
 - a. On **Windows XP**:
 - i. If your Ableton Live version is **pre 8.3**: "C:/Program Files/Ableton/Live [version]/Resources/MIDI Remote Scripts"
 - ii. If your Ableton Live version is **8.3 and up**: "C:/Documents and Settings/All Users/Application Data/Ableton/Live [version]/Resources/MIDI Remote Scripts"
 - b. On **Windows 7**:
 - i. If your Ableton Live version is **pre 8.3**: "C:/Program Files (x86)/Ableton/Live [version]/Resources/MIDI Remote Scripts"
 - ii. If your Ableton Live version is **8.3 and up**: "C:/ProgramData/Ableton/Live [version]/Resources/MIDI Remote Scripts"
2. Paste the "QuNeoLaunchPad" folder into the "MIDI Remote Scripts" folder.

Note to Windows 7 users: The "Program Data" folder is hidden. If you need to find it go to "Control Panel", then to "Appearance and Personalization". Find "Folder Options" and click on where it says "Show

hidden files and folders". A window will pop up. Under the "Hidden files and folders" label, click "Show hidden files, folders, and drives". Now press apply and you should be able to find the "Program Data" folder. After copying the installation files into their proper locations you go back to Folder Options and click "Don't show hidden files, folders, or drives".

To use the Emulator:

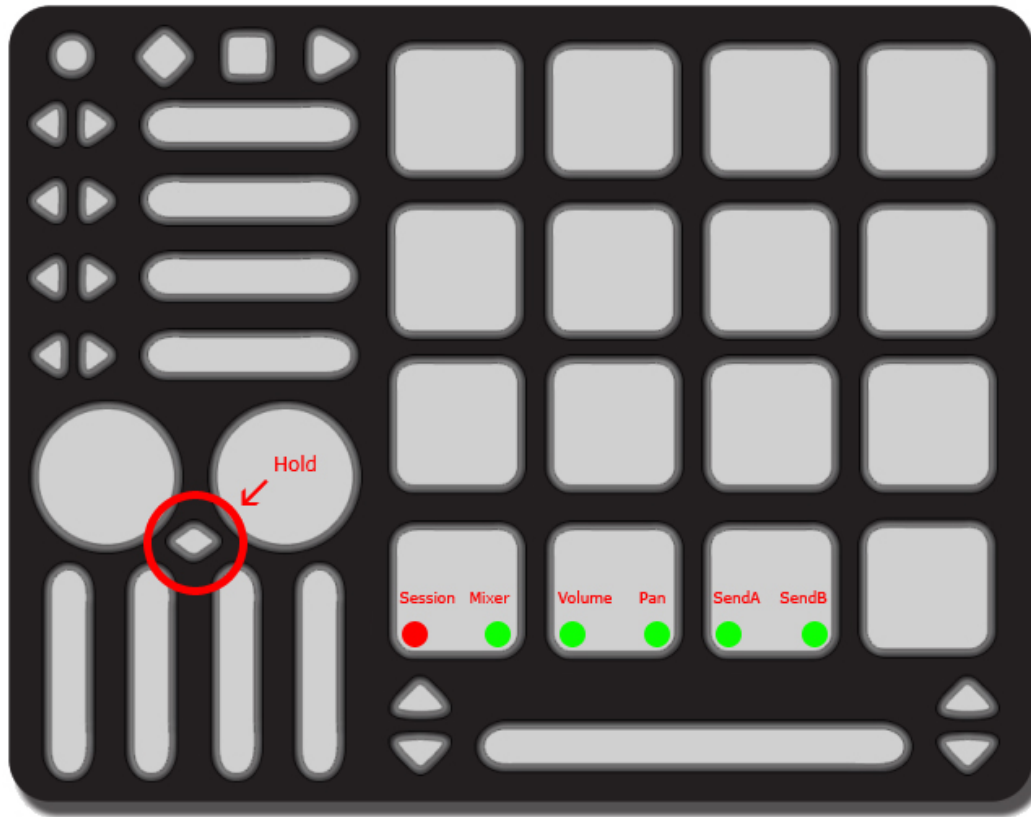
1. Connect the QuNeo to your computer and launch: Ableton Live 8 Intro, Ableton Live 8 or Ableton Live 8 Suite.
2. On your QuNeo select factory Preset 9.
3. In Live's menu bar, go to "Live" then "Preferences..." (**Mac**)(⌘ + ,) or "Options" then "Preferences..." (**Windows**)(Ctrl + ,).
4. From the list on the left side of the preferences window, select "MIDI / Sync".
5. In the Control Surface area at the top of the window. Select "QuNeoLaunchPad" from the Control Surface menu. The QuNeo should illuminate.
6. Make sure "QUNEO" is selected as your "Input" and "Output".
7. In the lower portion of the MIDI / Sync window select the following:
 - a. MIDI Ports: QuNeo Input (QUNEO) Track On and Remote On
 - b. MIDI Ports: QuNeo Output (QUNEO) Track On and Remote On
8. Close the Preferences window.



How the Emulator Works:

QuNeo has 16 pads, each with 4 pressure sensors (one on each pad). So QuNeo can easily emulate a 64 pad controller like Novation's LaunchPad. Just think of each corner of each pad as one of the pads on the LaunchPad.

QuNeo's pads can be put into different modes: Session, Mixer, Volume, Pan, Send A, and Send B. To enter these modes, hold down on the Rhombus button and select the pad sensor that corresponds to the desired mode. The image below shows the correct pad sensors and their corresponding modes:



When the Rhombus button is depressed, the red LEDs on the pads will indicate which mode the LaunchPad Emulator is already in. The image above shows Session Mode as the activated mode.

For more information on the way the pads behave in each mode, check out the LaunchPad documentation in Ableton Live's user manual starting on page 484 here:

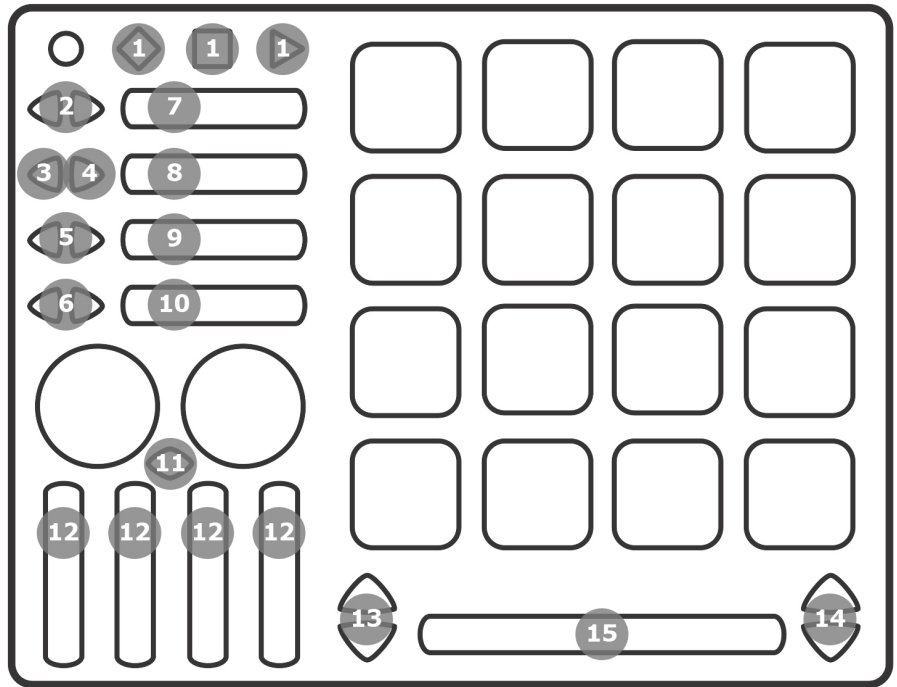
http://downloads.ableton.com/manuals/81/ableton_live_manual_en.pdf

or for a quicker overview of the LaunchPad:

<http://d19ulaff0trnck.cloudfront.net/sites/default/files/downloads/4097/launchpadgettingstarted-en.pdf>

The information below is an explanation of what the buttons and sliders of the QuNeo do in all modes. The pads behavior is determined by the selected mode. The links on the previous page will provide more information about how the pads behave in each mode.

1. **Transport controls** - The Record, Stop, and Play buttons correspond to the Transport Controls within Live.
2. **Tempo** - LEFT ARROW steps the tempo down 1.0 BPM. RIGHT ARROW steps the tempo up 1.0 BPM.
3. **Metronome** - Enables Metronome On/Off.
4. **MIDI Overdub** - Enables MIDI Overdub On/Off.
5. **Track Navigation** - Move left or right from the current selected track to the next or last track.
6. **Red Box Track Navigation** - Move the location of the highlighted bounding box left or right (this box may or may not be red).
7. **Selected Track Send A** - Control the selected track Send A.
8. **Selected Track Send B** - Control the selected track Send B.
9. **Selected Track Pan** - Control the selected track Pan.
10. **Selected Track Volume** - Control the selected track Volume.
11. **Shift Button** - Holding down the **SHIFT (Rhombus)** button enables you to access various **Modes** from the **Shift Page**. When the **SHIFT (Rhombus)** button is released it returns the controls to the currently selected **MODE**.
12. **Volume Faders** - This controls Live's first four volume faders within the highlighted bounding box
13. **Red Box Scene Navigation** - Move the location of the highlighted bounding box up or down (this box may or may not be red).
14. **Scene Navigation** - Move up or down from the selected scene to the next within a selected track.
15. **Crossfader** - This controls Live's crossfader.



TROUBLESHOOTING:

If certain controls on QuNeo aren't working as expected in Ableton Live...

Make sure to plug QuNeo in BEFORE opening Ableton Live or after plugging QuNeo in make sure to re-select QuNeo as the MIDI Control Surface in Ableton Live's MIDI Preferences.