QuNeo

Multi-Touch Pad Controller

Keith McMillen
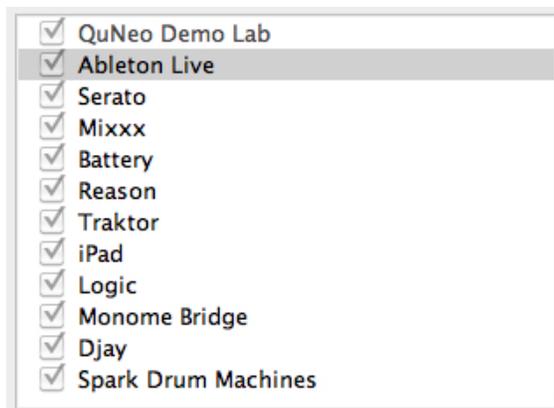### INSTRUMENTS

Logic Template Quickstart Guide

QuNeo Version 1.2.4
November 2013

Our Logic template consists of a Logic project for Apple's Logic Pro. This project goes with QuNeo preset number 11. This turns QuNeo into a drum synth controller using the Ultrabeat software instrument that comes with Logic.

To use the Logic Template you must have Logic Pro installed on your computer. Go to http://www.apple.com/logicpro/ to purchase or learn more about Logic.

Our Logic Template comes with the QuNeo Software Template Installer. When running the installer, make sure "Logic" is checked when prompted with the window on the right during the installation.

Note about **updating** the QuNeo Software Templates: If you already have the Logic template installed and have made changes to it, then you should not check the Logic check box during installation. This will overwrite the existing Logic mapping file.

☑	QuNeo Demo Lab
☑	Ableton Live
☑	Serato
☑	Mixxx
☑	Battery
☑	Reason
☑	Traktor
☑	iPad
☑	Logic
☑	Monome Bridge
☑	Djay
☑	Spark Drum Machines

If you already have controller mappings saved in Logic, make sure to back them up when prompted to while running the installer. The mapping files will be installed to specific locations on your computer. See the troubleshooting section below for information about where these files are installed.
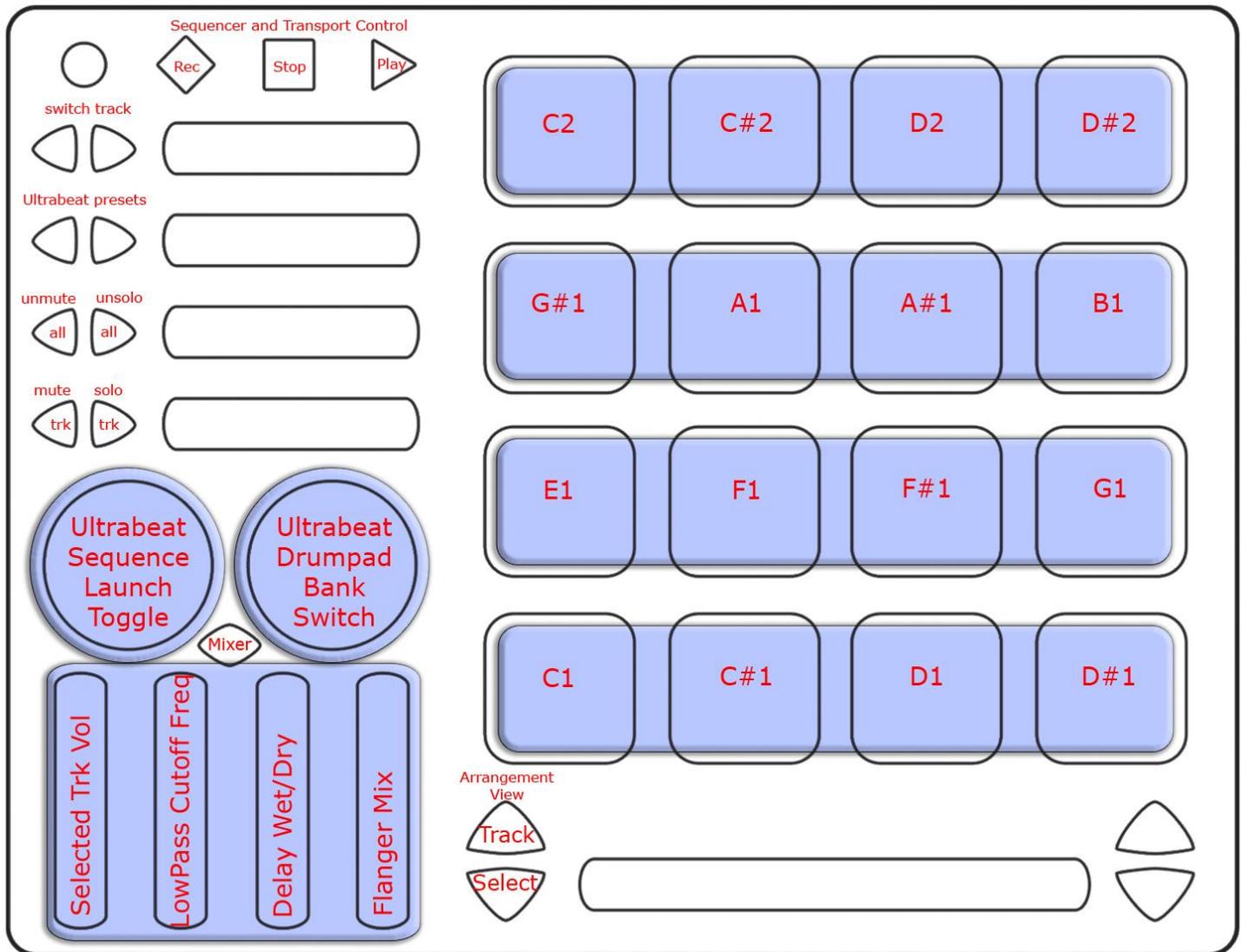
To use the Template:
1. Plug in your QuNeo and then open the QuNeo project (located in the QuNeo Software Templates directory's "Logic 1.0/QuNeo Logic Template" folder).
2. In order to get the sequencer triggering to work, turn the Sequencer on for each track. Turn the pattern mode button on as well. (See the image below)
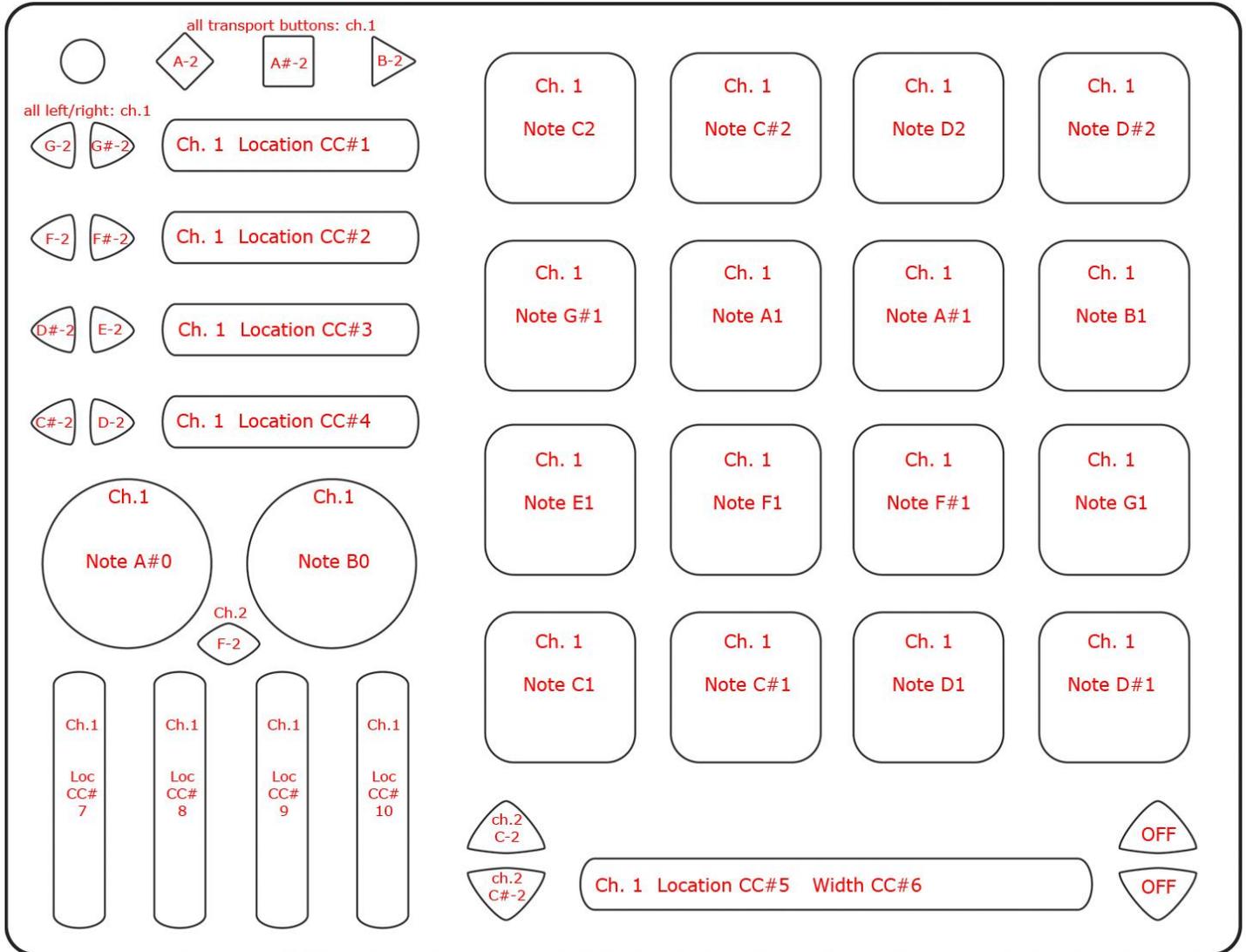3. Now select Factory Preset 11 on your QuNeo and start playing.

How the Template works:

Below is an image showing how Logic is mapped to each control on the QuNeo in Factory Preset #11:

MIDI Output diagram for QuNeo preset 11:

This image shows what MIDI data will output for each sensor in the "Logic" preset. The Pads are in Drum Mode. This preset doesn't use banks. Velocity response is fixed at 127 for the buttons but is responsive on the Pads.

all transport buttons: ch.1

A-2   A#-2   B-2

all left/right: ch.1

G-2   G#-2   Ch. 1 Location CC#1

F-2   F#-2   Ch. 1 Location CC#2

D#-2   E-2   Ch. 1 Location CC#3

C#-2   D-2   Ch. 1 Location CC#4

Ch.1 Note A#0

Ch.1 Note B0

Ch.2 F-2

Ch.1 Loc CC# 7

Ch.1 Loc CC# 8

Ch.1 Loc CC# 9

Ch.1 Loc CC# 10

ch.2 C-2

ch.2 C#-2

Ch. 1 Location CC#5   Width CC#6

Ch. 1 Note C2	Ch. 1 Note C#2	Ch. 1 Note D2	Ch. 1 Note D#2
Ch. 1 Note G#1	Ch. 1 Note A1	Ch. 1 Note A#1	Ch. 1 Note B1
Ch. 1 Note E1	Ch. 1 Note F1	Ch. 1 Note F#1	Ch. 1 Note G1
Ch. 1 Note C1	Ch. 1 Note C#1	Ch. 1 Note D1	Ch. 1 Note D#1

OFF

OFF

TROUBLESHOOTING:

If you are having trouble with the QuNeo Software Templates Installer...

Try manually installing the Logic Template files from the "QuNeo_SoftwareTemplates-1.2.4/Logic 1.0/Installation Files" folder. Inside this folder there will be a file called "com.apple.logic.pro.cs" and a file called "Quneo.cst". Follow these steps to manually place them:

1. First copy the "com.apple.logic.pro.cs" file
2. Paste it into your "__user__/Library/Preferences/" folder. Replace the existing file. If you have Logic preferences that you wish to save be sure to back up the existing file before replacing it.
3. Now copy the "Quneo.cst" file
4. Paste it into your "/Library/Application Support/Logic/Channel Strip Settings/Instrument" folder.