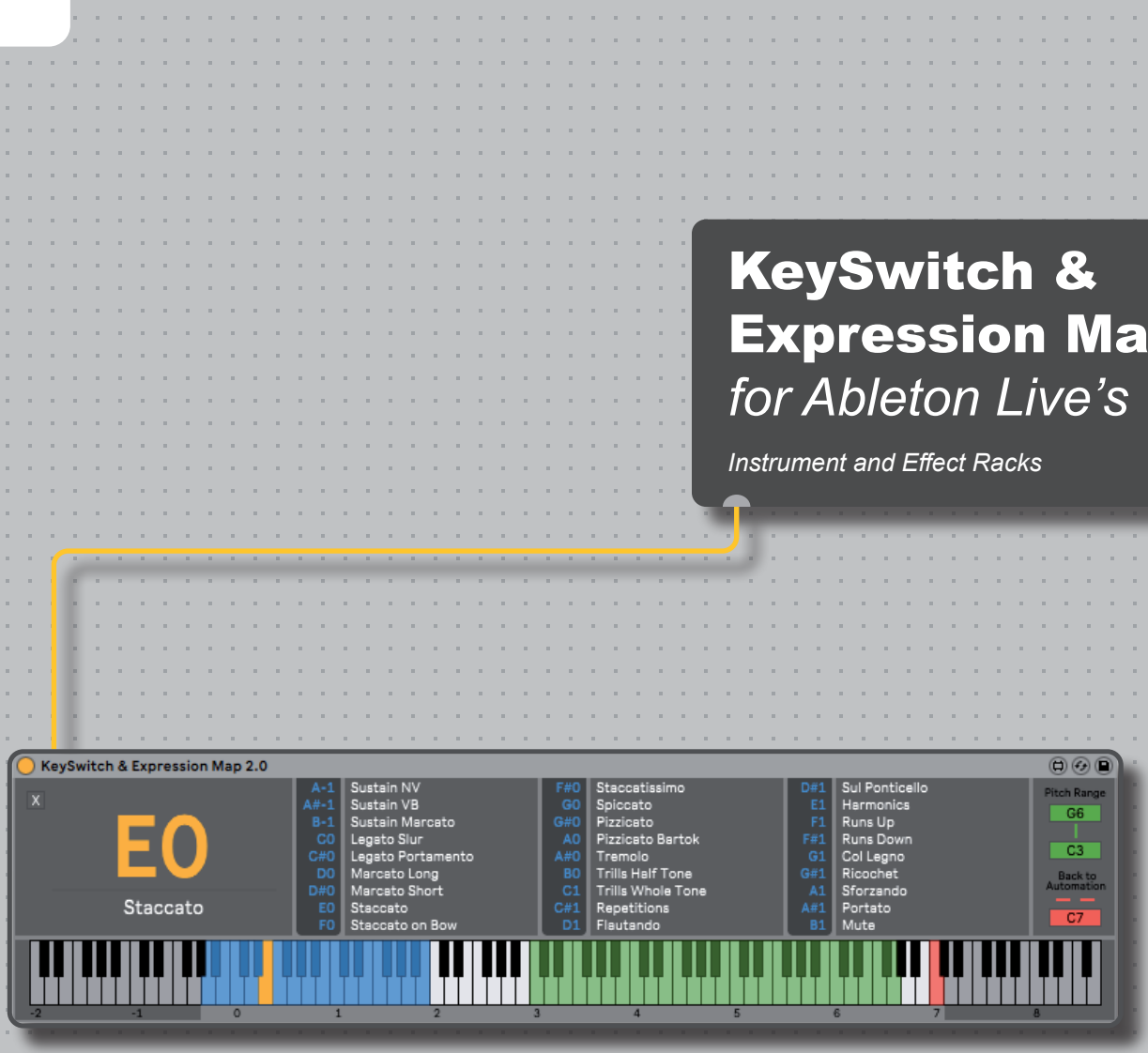
Quick Start
English

Version 2.0

KeySwitch & Expression Map
for Ableton Live's

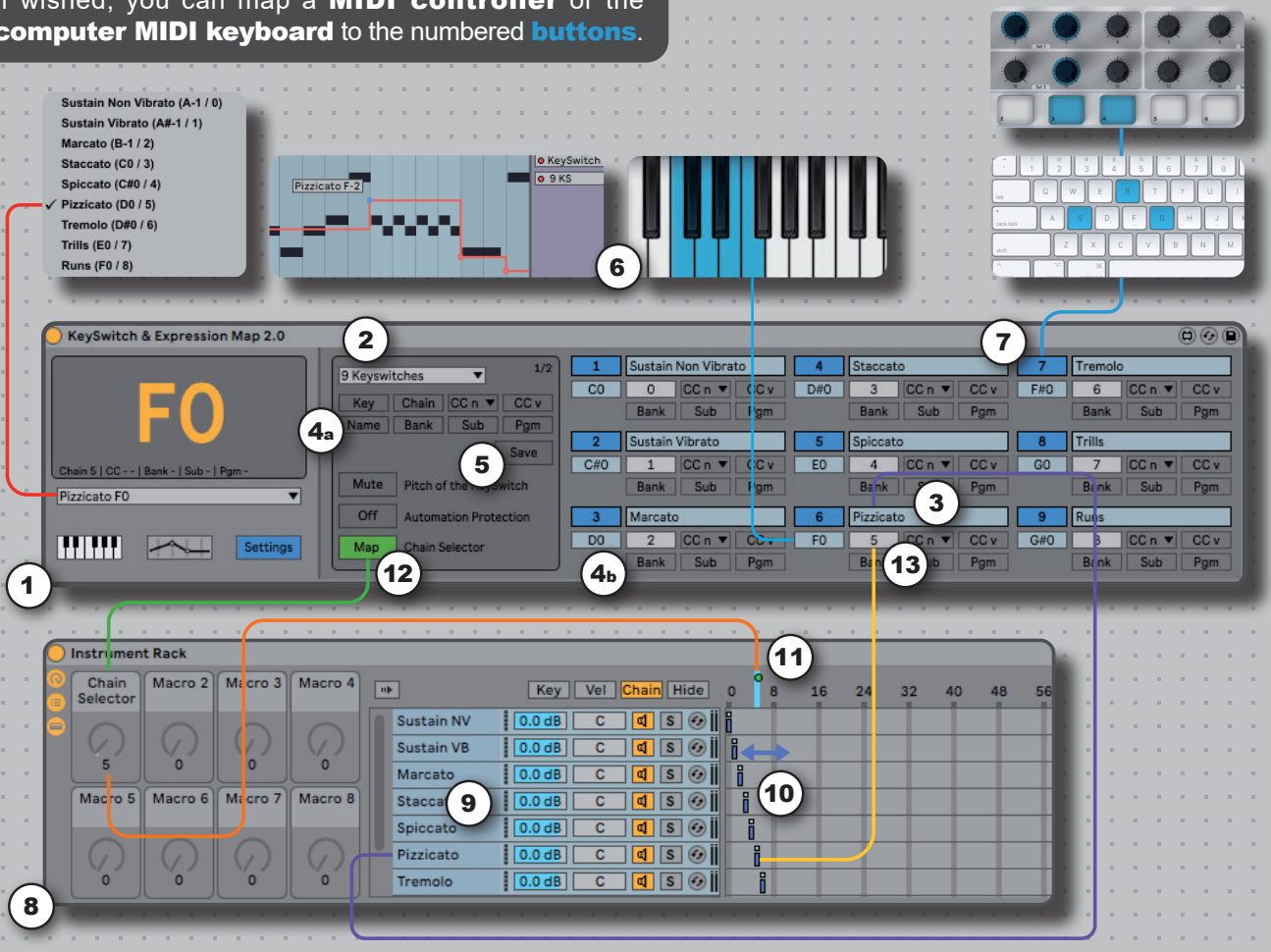
Instrument and Effect Racks



In a hurry? Find here the **basic set-up** in form of a reduced **Quick Start Guide**.

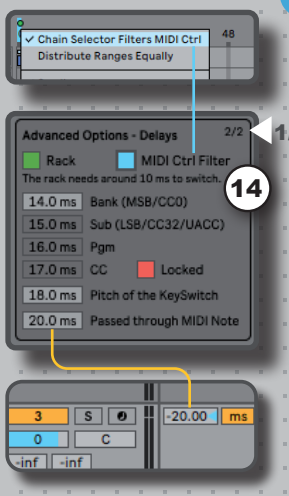
Basic set-up of the KeySwitch & Expression Map

1. Drag & drop the **KeySwitch & Expression Map** device in a **MIDI** track.
2. Choose **how many** key switches you want to use.
3. Give **names** to your key switches as you wish (maximal 20 characters).
4. **a)** Choose the keys and MIDI controls on base of a root value to distribute them automatically for a quick set-up.
   b) Define them completely **customized** for specific settings.
5. **Save** your settings.
6. Press a key on your **piano** to change between key switches, select them from the **menu** or draw **automation envelopes** in the arrangement view.
7. If wished, you can map a **MIDI controller** or the **computer MIDI keyboard** to the numbered **buttons**.



8. If needed, add an **Ableton Live rack** to the track.
9. Load **instruments** or **effects** into the **chain list** of the rack.
10. Distribute the **chain zones** in the **chain zone editor**. Their positions are defined by **chain values** (0-127).
11. Map a **macro dial** to the **chain select ruler** with a right mouse click on it.
12. Connect the new created dial named "**chain selector**" with the **KeySwitch & Expression Map**.
13. Specify in the KeySwitch & Expression Map for each key switch additionally a **chain value** according to the defined **chain zones** in the rack and **save** your settings again.

14. You can choose between **three defaults** depending if you use a **rack** and whether the chain selector filters additionally **MIDI controls** or not.This is particulary important in case that you want to use the option "**chase MIDI notes**" in Ableton Live 10. It will allow you to play back your song with the good settings even if playback begins after the MIDI note's start time. In case that you remark these tiny latencies in your compositions, no worries! Only shift the timing of your track in your **track delay section** so that all MIDI notes are triggered for example 20 ms in advance.

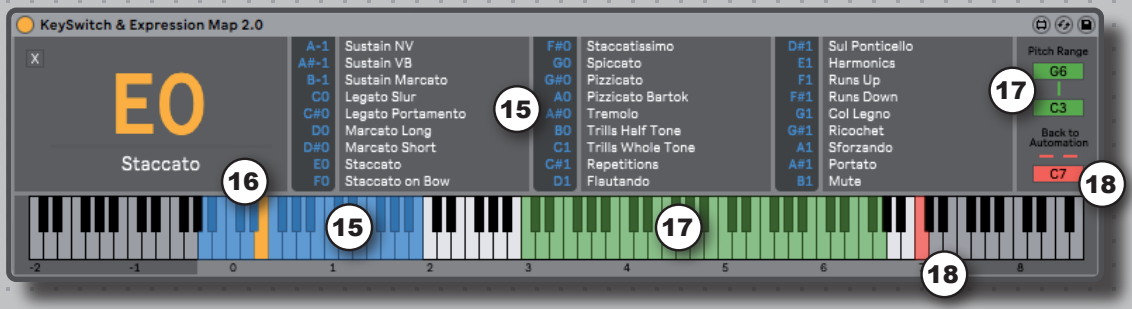


15. You can see **all** your key switches as **blue** keys on the **piano** or in the **list**.

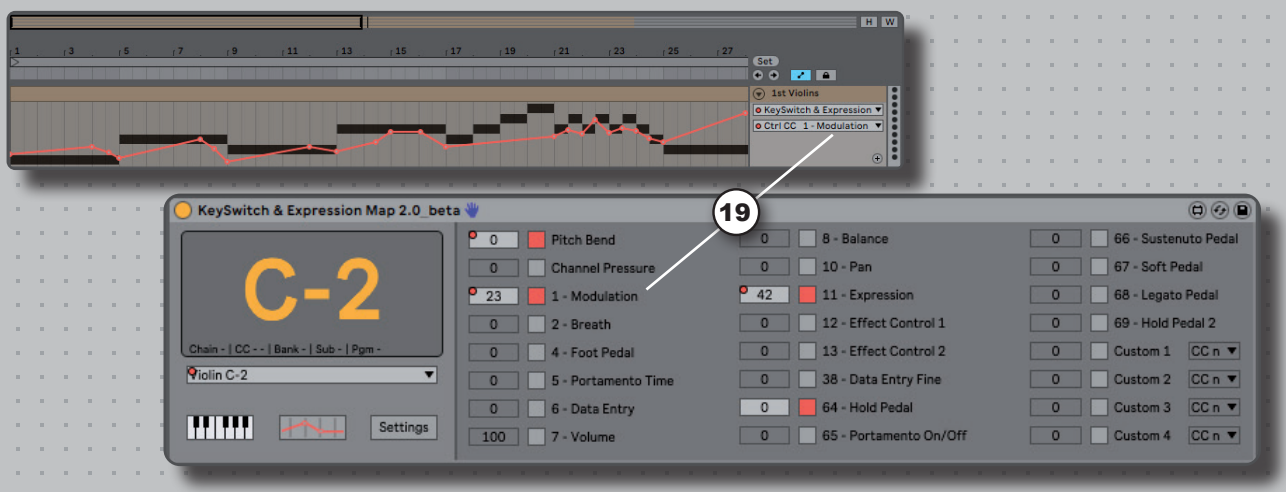
16. The **current** chosen key switch is shown in **yellow**.

17. Choose the **highest** und **lowest** pitch of your instrument to display its **pitch range** in **green**.

18. Define an additional key switch in **red** for the **automation**. Like this, you have the possibility to switch easily between **manual key switching** and the use of **automation envelopes**.

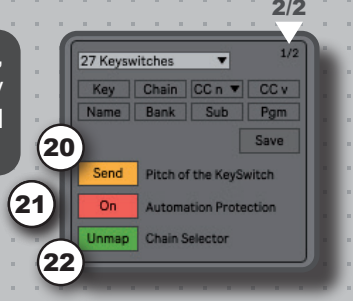


19. The KeySwitch & Expression Map allows you to draw **MIDI controls** directly in the **arrangement view**. Already existing envelopes for the activated MIDI controls in the MIDI clips will be filtered and replaced by the device.



20. In case that your **VST sound library** already provides a **ready-made** key switch, you can use it as well with the KeySwitch & Expression Map. Therefore, only copy its pitches and names to the device and switch on this button. You can then control remotely its articulations or instruments with **automation envelopes**, too.

21. To entirely protect the automation for the key switches against accidental modification, activate the button "**Protect Automation**".



22. If you do not want to use a rack anymore, click this button to **unmap** its chain selector from the device.

contact:
software@swub.de
www.swub.de

Have fun!

Thanks for using the KeySwitch & Expression Map!

How to do the set-up **in detail**, more **tips** and some **trouble shooting** if needed, you can find as well in a lovely designed step by step **manual** with a lot of illustrations.

Furthermore, you can watch a **video tutorial** on *www.swub.de* showing you the set-up and basic features in 5 minutes.

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You may use the **KeySwitch & Expression Map** on multiple computers for your own purpose. Please respect my work and do not transfer, rent, lease, loan, resell, distribute, network, electronically transmit or merge it. Feel free to modify the software according to your own needs though.

The KeySwitch & Expression Map uses the third party softwares **Max** and **Ableton Live**.
To find out more about their terms and conditions, please refer to:

https://www.ableton.com/en/eula/

https://cycling74.com/terms-and-conditions

The KeySwitch & Expression Map can be performed with **Ableton Live 9** or **10** only in combination with **Max for Live**. Max For Live is part of the Ableton Live **Suite**. If you use Ableton Live **Standard** you might have to buy an **add-on license** to use this device. Ableton Live **Lite** and **Intro** do not support Max For Live!
For more information check also:

https://www.ableton.com/en/live/max-for-live

https://help.ableton.com/hc/en-us/articles/206407124-Buying-Max-for-Live-

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