

# Spitfire Libraries (Kontakt)

custom preset

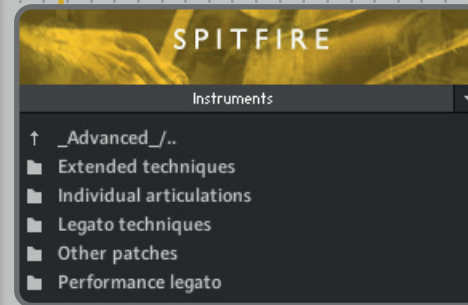
## KeySwitch & Expression Map for Ableton Live

www.swub.de

### How-to manual (Using the example Chamber Strings)

There are two possibilities to use the KSEM custom presets:

Either you create a Multi Rack **yourself** and use the presets only to control the patches or individual instruments loaded there (A). Or you quickly import the **provided .nkm** files into Kontakt Player with all available articulations of the instruments (B).



A

Load the **legato**, **core** and **decorative** patches in Kontakt, for example.

Alternatively, you can load the **individual instruments**. For a better overview, you can load them in the same order as in the KSEM or just select all at once in the browser and drag them as they are into the Multi Rack. This does not affect the functionality.

Make sure that either all instruments are set to the same **MIDI channel** or **Omni**.

Output: st. 1  
MIDI Ch: [A] 1

Output: st. 1  
MIDI Ch: Omni

custom preset

# KeySwitch & Expression Map for Ableton Live

www.swub.de

In case that your library provides **performance legato** patches, you should not load their individual instruments, but use the patches. Otherwise you won't be able to switch from one to another kind of legato in a phrase without losing the legato transmission between notes.

Toggle the **triggering options** off to control the legato manually.



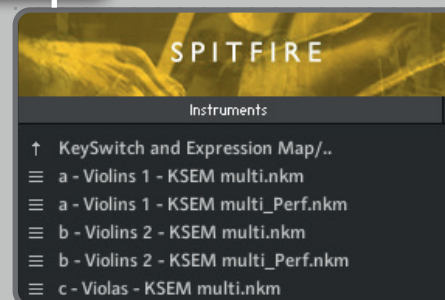
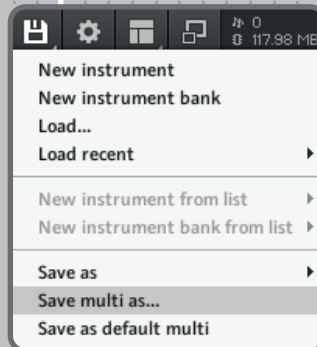
**Alt + left mouse click** (PC)  
**Menu + left mouse click** (Mac)

Now lock the articulations to **UACC**.



Unlocked artic.  
Locked artic.  
Locked KS  
Locked to UACC  
Locked to UACC KS  
Locked to Program Change  
Shared KS

Finally, **save** your Kontakt Multi so that you can load it next time directly from Kontakt's library.



# KeySwitch & Expression Map for Ableton Live

www.swub.de

I included my **.nkm** files in the download.  
To speed you up, you could use directly these files.  
There are again **two ways** to do that:

1

I saved the files with **relative paths**. This means that the patch does not search for **absolute paths** like this on your hard drive ...

`F:\Spitfire Audio\Spitfire Chamber Strings library\Samples\soundXY.nkc`

... but uses a kind of **map** to navigate to the samples, starting from the position where the .nkm files are stored.

↑ Go two folders up.

→ Enter the folder "Samples".

🔑 Open the file named „soundXY.nkc“

Hence, if you copy the files in the **same place** as me, it should work out of the box if you have the same library and version.

With a **right mouse click** you can easily find the folder of the Chamber Strings on your hard drive.

| Name              | Date modified    | Type             | Size     |
|-------------------|------------------|------------------|----------|
| .previews         | 15.04.2021 16:16 | File folder      |          |
| <b>_Advanced_</b> | 17.10.2022 17:41 | File folder      |          |
| _Alt Mics_        | 01.10.2022 13:53 | File folder      |          |
| _CTAO Mics_       | 01.10.2022 13:53 | File folder      |          |
| _Stereo Mixes_    | 01.10.2022 13:53 | File folder      |          |
| a - Violins 1.nki | 06.04.2021 16:12 | Kontakt nki File | 908 KB   |
| b - Violins 2.nki | 06.04.2021 16:12 | Kontakt nki File | 816 KB   |
| c - Violas.nki    | 06.04.2021 16:12 | Kontakt nki File | 808 KB   |
| d - Celli.nki     | 06.04.2021 16:12 | Kontakt nki File | 960 KB   |
| e - Basses.nki    | 06.04.2021 16:12 | Kontakt nki File | 580 KB   |
| f - Ensembles.nki | 06.04.2021 16:12 | Kontakt nki File | 1.063 KB |

| Name                         | Date modified    | Type        | Size |
|------------------------------|------------------|-------------|------|
| KeySwitch and Expression Map | 17.10.2022 17:50 | File folder |      |

Copy the downloaded folder **KeySwitch & Expression Map** in the folder **Advanced**.

| Name                                | Date modified    | Type        | Size |
|-------------------------------------|------------------|-------------|------|
| Extended techniques                 | 09.10.2022 10:58 | File folder |      |
| Individual articulations            | 01.10.2022 00:30 | File folder |      |
| <b>KeySwitch and Expression Map</b> | 08.10.2022 20:28 | File folder |      |
| Legato techniques                   | 01.10.2022 00:30 | File folder |      |
| Other patches                       | 17.10.2022 17:41 | File folder |      |
| Performance legato                  | 01.10.2022 00:30 | File folder |      |

# KeySwitch & Expression Map for Ableton Live

www.swub.de

2

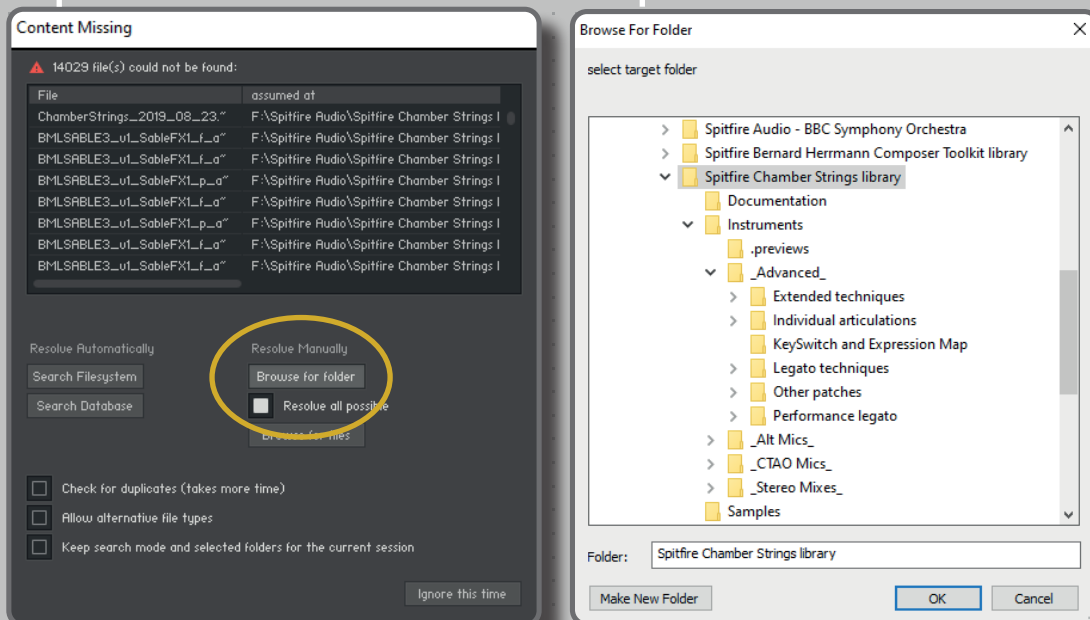
Alternatively, you can copy the **.nkm** files at your desired location inside of the **Spitfire Chamber Strings** folder instead. Afterwards, open the Kontakt player, navigate in the library to the **.nkm** file and load it with a double click.

You also can drag and drop the file directly from the **Explorer / Finder** into Kontakt.

A pop up window will appear now saying you that **content is missing**.

If this does **not work** or you prefer to store the provided **.nkm** at **another place**, you can repair the paths.

**Attention!** Generally, I consult you to always connect missing content **manually**. Especially if you have many libraries. Otherwise there is the danger that Kontakt finds the wrong samples and you suddenly hear a flute instead of the desired violin. This can happen if you have different sample files with identical names on your hard drive.



Activate the box **Resolve all possible** and click on the button **Browse for folder**.

Select now the folder **Spitfire Chamber Strings Library** and click **OK**.

Kontakt will **search** for the files in the selected folder and after a short moment, the instruments should show up in the Multi Rack.

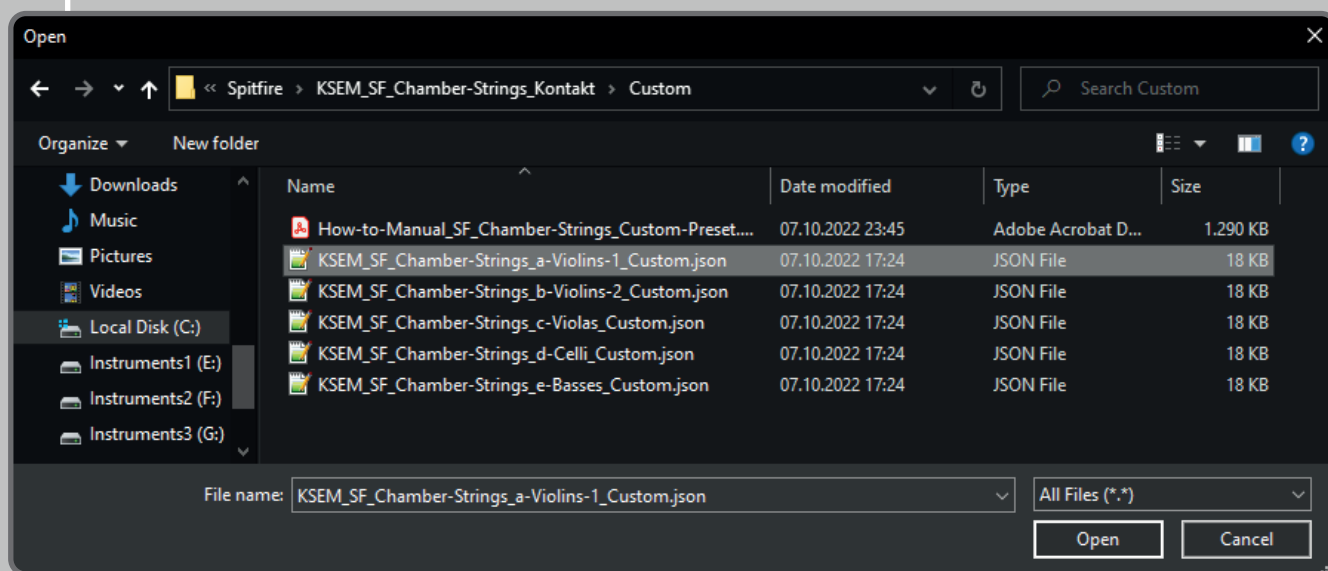
**Save** the Multi Rack with the updated paths.

Save as  
Save multi as...  
Save as default multi

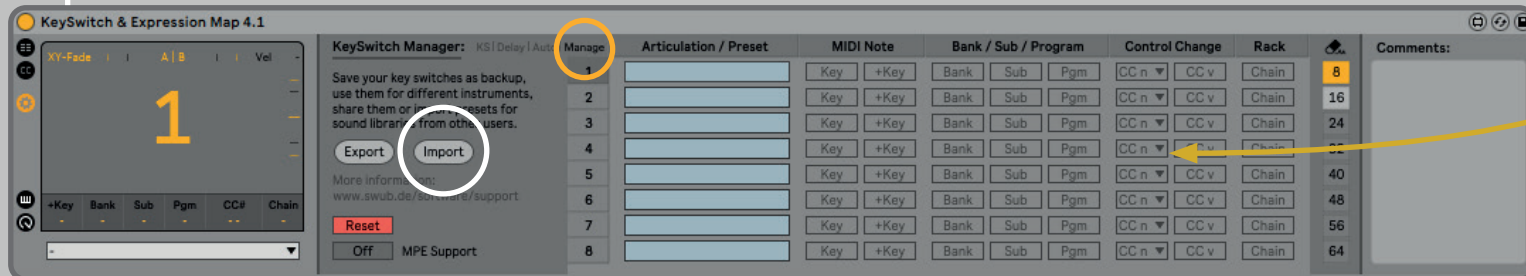
# KeySwitch & Expression Map for Ableton Live

www.swub.de

Finally, select the **manager** tab of the settings in the KeySwitch & Expression Map and **import** a preset.



If you use **KeySwitch and Expression Map 4.2 or higher**, you can alternatively **drag and drop** the preset file directly from Windows Explorer or Finder onto the device for a quicker and more convenient workflow.



custom preset

# KeySwitch & Expression Map for Ableton Live

www.swub.de

If you want to use only **automation envelopes** to draw the articulations ... you are ready!



**KeySwitch & Expression Map 4.1**

XY-Fade | A | B | 21 | 1

27

+Key Bank Sub Pgm CC# Chain

Spic

|                   |                   |                   |                   |                   |                  |                  |                  |
|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| 1 Leg Fingered    | 2 Leg Bowed       | 3 Leg Port        | 4 Leg Fast        | 5 Leg Runs        | 6 Leg Sul G      | 7 Leg CS         | 8 Leg CS Port    |
| 9 Leg Pont        | 10 Leg Flaut      | 11 Leg Flaut Port | 12 Leg Trem       | 13 Long           | 14 Long Sul G    | 15 Long Marc     | 16 Long CS       |
| 17 Long Pont      | 18 Long Pont Dist | 19 Long Pont CS   | 20 Long Tasto     | 21 Long Flautando | 22 Long Harm     | 23 Long Tense    | 24 Stac          |
| 25 Stac Dig       | 26 Stac CS        | 27 Spic           | 28 Spic Feathered | 29 Pizz           | 30 Pizz Bartok   | 31 Col Legno     | 32 Trem          |
| 33 Trem CS        | 34 Trem Pont      | 35 Trem Pont CS   | 36 Trem 150bpm    | 37 Trem 180bpm    | 38 Trill Min 2nd | 39 Trill Maj 2nd | 40 Trill Min 3rd |
| 41 Trill Perf 4th | 42 Run            | 43 Slide          | 44 Disco Fall     | 45 FX             |                  |                  |                  |

Articulation: 27, Vibrato (X): 91, Dynamic (Y): 100, Expression: 100

Speed: 84, Release: 0, Tightness: 64, Easy Mix: 100

16 - Custom 2, 17 - Custom 3, 18 - Custom 4, Custom Bank 1

In case that you want to use **key switches**, define additionally a **main key** for every articulation manually (a) or use the auto fill option (b) for a quick distribution.

**KeySwitch Settings:** KS | Delay | Auto | Manage

Articulation / Preset

| Articulation / Preset | Key Note | Bank / Sub / Prog |
|-----------------------|----------|-------------------|
| 1 Leg Fingered        | C-2      | Bank 21           |
| 2 Leg Bowed           | C-2      | Bank 35           |
| 3 Leg Port            | D-2      | Bank 32           |
| 4 Leg Fast            | D#-2     | Bank 33           |

(a) (b)

**KeySwitch & Expression Map 4.1**

XY-Fade | A | B | 21 | 1

C-1

+Key Bank Sub Pgm CC# Chain

Long

|                   |                    |                     |                    |                     |                   |                  |                   |
|-------------------|--------------------|---------------------|--------------------|---------------------|-------------------|------------------|-------------------|
| C-2 Leg Fingered  | C#-2 Leg Bowed     | D-2 Leg Port        | D#-2 Leg Fast      | E-2 Leg Runs        | F-2 Leg Sul G     | F#-2 Leg CS      | G-2 Leg CS Port   |
| G#-2 Leg Pont     | A-2 Leg Flaut      | A#-2 Leg Flaut Port | B-2 Leg Trem       | C-1 Long            | C#-1 Long Sul G   | D-1 Long Marc    | D#-1 Long CS      |
| E-1 Long Pont     | F-1 Long Pont Dist | F#-1 Long Pont CS   | G-1 Long Tasto     | G#-1 Long Flautando | A-1 Long Harm     | A#-1 Long Tense  | B-1 Stac          |
| C0 Stac Dig       | C#0 Stac CS        | D0 Spic             | D#0 Spic Feathered | E0 Pizz             | F0 Pizz Bartok    | F#0 Col Legno    | G0 Trem           |
| G#0 Trem CS       | A0 Trem Pont       | A#0 Trem Pont CS    | B0 Trem 150bpm     | C1 Trem 180bpm      | C#1 Trill Min 2nd | D1 Trill Maj 2nd | D#1 Trill Min 3rd |
| E1 Trill Perf 4th | F1 Run             | F#1 Slide           | G1 Disco Fall      | G#1 FX              |                   |                  |                   |

Pitch Range: Low G2, High D6, Automation: C7

Articulation: 13, Vibrato (X): 91, Dynamic (Y): 100, Expression: 100

Speed: 84, Release: 0, Tightness: 64, Easy Mix: 100

16 - Custom 2, 17 - Custom 3, 18 - Custom 4, Custom Bank 1

custom preset

CC 32 (Sub Bank)

## KeySwitch & Expression Map *for Ableton Live*

[www.swub.de](http://www.swub.de)

## Values in Ableton Live

[illegible]

**Note:** Spitfire and Ableton display the value of CC 32 (Sub) differently. Ableton shows 1-128, but sends out 0-127. Why? Technically the range of MIDI is always 0-127, but since a lot of hardware producers display their programs or presets from 1 to 128, many software developers decided to make it easier for the users and display 1-128 as well. So Spitfire is right and Ableton also has its reasons ;- ) The KSEM follows Ableton to avoid further confusion. Therefore you have to add +1 to the value shown in the player.