

1. Factory Presets

The soundlibrary is structured by instrument-groups, categories and factory presets. Following each name, a letter is given for the key in which the sample was recorded. In the VLP120 these are the 3 keys a/C, d/F und e/G. The tempo of all samples is 120 bpm. To select a factory preset click on the display or use the soundbrowser in the drawer.

Samples from a selected factory preset are always assigned to keyboard area C1 to B2 and can be immediately played via an external keyboard or the MIDI editor in the host program.

Changes to samples from the factory presets can not be saved! Use the User Presets for this.

2. Create User Presets

User Presets are individually assembled sound banks containing samples (aliases) from different factory presets. In order to create a user preset the drawer must be opened by pressing the label "keys/samples".

The samples of a user preset are always found on the keys C3 to B4 and can be played via the internal VLP-keyboard or via an external keyboard

A sample can have settings independent from those of the original factory preset (pitch, tempo, etc.). User presets can be saved by the button „save“.

2.1 Selecting Samples

In the lower portion of the drawer is a sound browser where the factory presets can be loaded. By double-clicking on an instrument category the field "content" to the left the subdirectory with the factory presets is opened. By selecting a preset name with a mouse click a factory preset with 24 samples is loaded.

In the field "samples" to the right the samples belonging to the selected factory preset are listed. To the left of each sample is a play button with which the samples can be directly played in the plug-in. The samples of course can also be played via the keys C1 to B2 in MIDI.

By clicking on the Return symbol to the left of the label "content" you are returned to the main directory.

2.2 Mapping Samples

In the upper right portion of the drawer is found the VLP keyboard needed to set the user presets. If you like a sample found in a factory preset, you can assign it to a free key (C3 to B4) in the following way:

a) Drag&Drop: Click on the name of the desired sample in the lower right field and drop onto any key on the VLP keyboard. The key now set changes color to white or black.

b) Double-clicking: Double-clicking on the name in the right field maps the sample to the next free key to the right, starting from key C3.

To load all 24 samples of a factory preset into a user preset, drag&drop the preset name from the left "content" field onto the keyboard.

3. Changing Sample Settings

The interface shows the different settings for the sample currently triggered via MIDI (Radar Mode*).

With the sliding controls, buttons and entry fields the sample can be optimally matched to the individual needs. Radar Mode can be switched off with the button "Radar", found in the upper left side of the drawer.

When radar has been turned off, the interface shows the last sample triggered via MIDI.

3.1 Changing Start and End Points in Loopeye

The controls can be slid with the mouse pointer on the outer ring. They snap to adaptable grid points, which can be adjusted to finer or coarser when necessary. To the right of the buttons for the loopeye settings are the controls for the grid on the outer ring of the loopeye. When the mouse button is pressed in this field a selection box opens and the value desired can be selected.

Both controls can be slid simultaneously when the button "Lock" is activated in the "loop mode" field. Lock couples both controls in a fixed relationship. The loop segment between the start and end control can be turned on the wave form presentation by holding the mouse button.

3.2 Setting Loop Mode

In the "loop mode" field you can change the following settings for a sample : loop, one shot, reverse.

3.3 Changing Tempo and Adjusting Pitch

With the "zeitwerk" control, the tempo and pitch of the sample in the loopeye can be adjusted. For best sound quality this conversion does not occur in real time!

The original tempo of the samples is 120 bpm. If another tempo is needed, click on the display and enter the desired tempo. After pressing the "process" button the sample will be recalculated in the desired tempo.

The samples are found in the keys most used for Dance, Pop and Club music: a/C, d/F, e/G. If another key is necessary, a value between -12 and +12 semitones can be entered by clicking in the "Semi" display. After clicking on the "process" button the sample will be recalculated in the desired key.

By activating the "formants" button, the formants are not changed when changing the pitch. Depending on the instrument type and intended purpose of the sample, the sound quality can be optimized.

When the "process" button is pressed the above-named conversions are carried out. It is possible to change pitch and tempo at the same time. The conversion time varies according to processor power. For example, the conversion of 24 samples of 4 bars each takes about 2 minutes on a P4 running at 2.6 GHz.

In some cases you can improve the soundquality by selecting another algorithm. There are two different algorithms available: You can choose between the „monophonic“ and „polyphonic“ mode. The Default setting is monophonic.

PC: [Mouse click left] on process button = monophonic. [Mouse click right] = polyphonic.

Mac: [Mouse click] = monophonic. [Mouse click + Ctrl] = polyphonic.

3.4. Changing Envelope, Filter and Output

The values for attack, release and volume of the sample can be set via the sliding controls in the "Envelope" field.

The filter area can be activated and deactivated with the "on/off" button in the "Filter" field. You can adjust the following parameter: cut off, resonance, type (low, high, band, notch), slope (12dB, 24dB).

The VLP 120 is multi-channel enabled, which means that each sample can be assigned to different output channels. The settings for this are found in the drawer next to the buttons "new", "load", "save" and "radar".

4. Changing Several Samples at Once

4.1 Changing Several Samples in the User Preset at Once

To change the settings for several samples of a user preset at once, the keys on the VLP keyboard are selected. There are two ways to do this:

- Select several adjacent samples: PC: [Mouse click + Shift], Mac: [Mouse click + Shift]
- Select several non-adjacent samples.: PC: [Mouse click + Ctrl], Mac: [Mouse click + Apple]

The keys selected are colored yellow. Any changes now made to the settings affect all the selected samples.

4.2. Changing All Loaded Samples at Once

To change the settings for all loaded samples of a factory preset and user preset at once the [Alt] key (Mac and PC) must be held down while making the change in the interface. The settings for the samples from the factory preset will not be saved. They are only active as long as the factory preset is loaded. The settings of the samples from the user preset will however be saved.