Sugar Bytes Rack Extensions

Slice Arranger Manual

The Slice Arranger slices the incoming signal into new patterns. The audio signal is recorded in real-time, then divided into slices and arranged according to the **Pattern** and **Fill** parameters.

The **Pattern** parameter gives you a large number of pre-defined patterns. You also have the option between **Normal** and **Re-Record:**

- In the **Normal** mode, the recording starts when you turn on the **Dry / Wet** knob. Then the recorded audio material will be rearranged as defined in the pattern.
- In the **Re-Record** mode, the Slice Arranger will continuously record and rearrange the recorded content.

The two parameters **Fill 1** and **Fill 2** incorporate rolls and micro-loops into the selected pattern. Furthermore, each pattern allocates different slices to the **Fills**. Here are the **Fill Options**:

- **Repeat:** The final phase of the slice is looped
- **Up:** Upwards-pitch
- **Down:** Downwards-pitch
- **Hard:** Dramatic repeat
- **Pong:** Forwards and backwards repeat
- **Soft:** Simple more subtle repeat

The **Decay** parameter controls the length of the slice envelopes as well as controlling the length of the end of the sliced audio with an amplitude envelope. With the options "**Beat**" and "**2 Beats**", the slice arranging can be applied to the audio over one or two beats.

Note that the slice algorithm starts working by turning the **Dry / Wet** knob clockwise. This is a good parameter to automate in order to determine when the Slice Arranger will be active in your song.

The **Dry / Wet** control determines the mix between the original and the processed signal.

There are three options for defining mixing behavior:

- **Linear**: The mixing happens in a linear fashion — the center position provides 50% original and 50% processed signal.
- **Wet**: The processed signal is added to the input. This option is mostly used for reverbs and delays.
- **Equal**: The signals are mixed according to the equal power law: center position will result in about 70% original and 70% processed signal.

The Slice Arranger is designed to work only work while your song is playing. However, it is possible that the Slice Arranger continues to output sound after you stopped your song.

All five parameters can be modulated by using the CV input on the rear panel.