

Gotharman's zaTurn



Modular Synthesizer

Update Manual 11.54

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AnaX USB

It is now possible to connect the new AnaX USB CV Expander to Zatur.

This will add 4 CV/Trigger inputs and 4 CV/Trigger outputs to Zatur.

Connecting

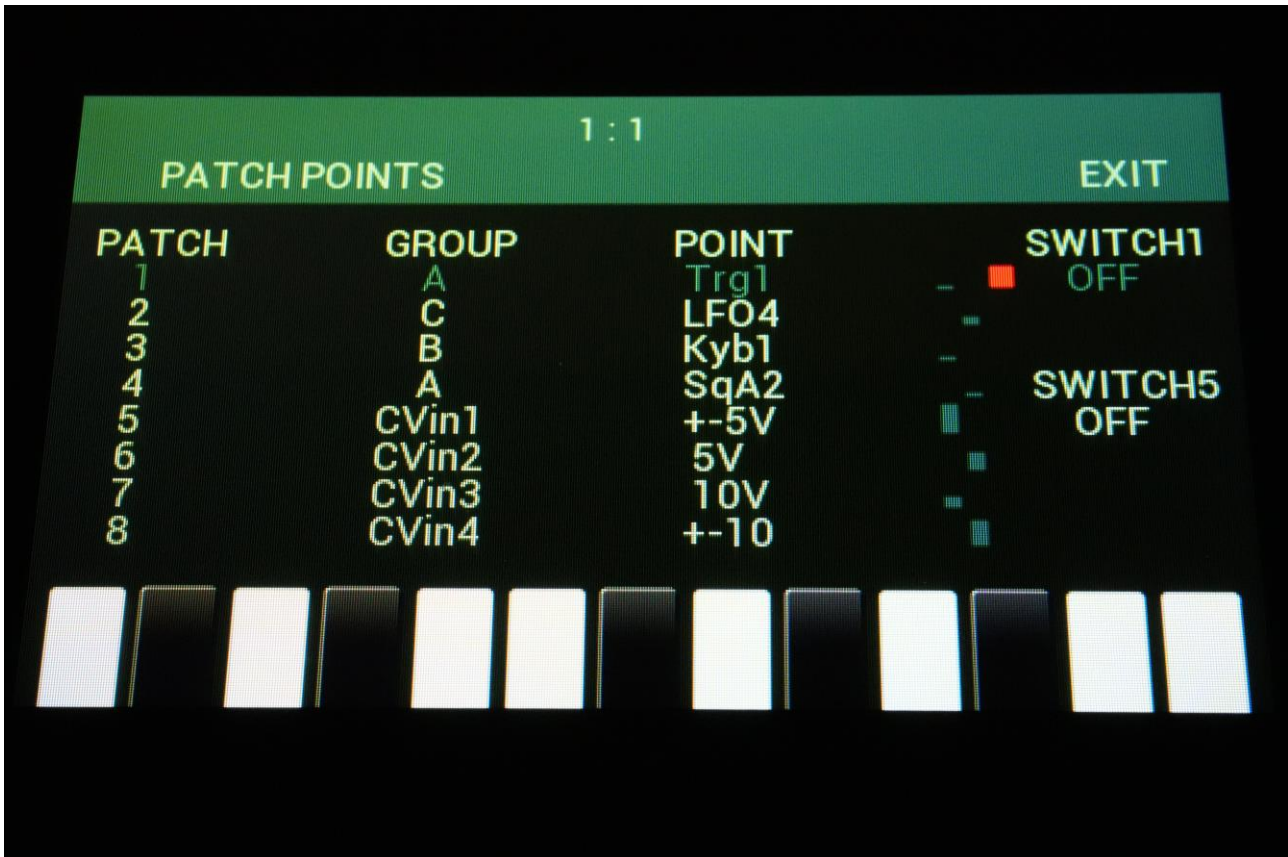
Simply plug the USB B end of the USB cable into AnaX USB, and the USB A end of the cable into the Zatur USB connector.



The USB LED will first light up in green, and then start to flash fast in green.

The Parameters

When AnaX USB is connected to Zatur, the CV in and out parameters will be shown on the Patch Points page.



Patch Point 1 to 4 will work as usual patch points, but at the same time, the sources selected on these, will be output to CV out 1 to 4.

Patch Point 5 to 8 will no longer work as regular patch points. Instead it is possible to set the voltage range for CV inputs 1 to 4, using these parameters. The CV input range should be set for each input, to match the connected source. Possible voltage ranges are:

0-5V

+/-5V

0-10V

+/-10V

Selecting the CV inputs for modulation/triggering

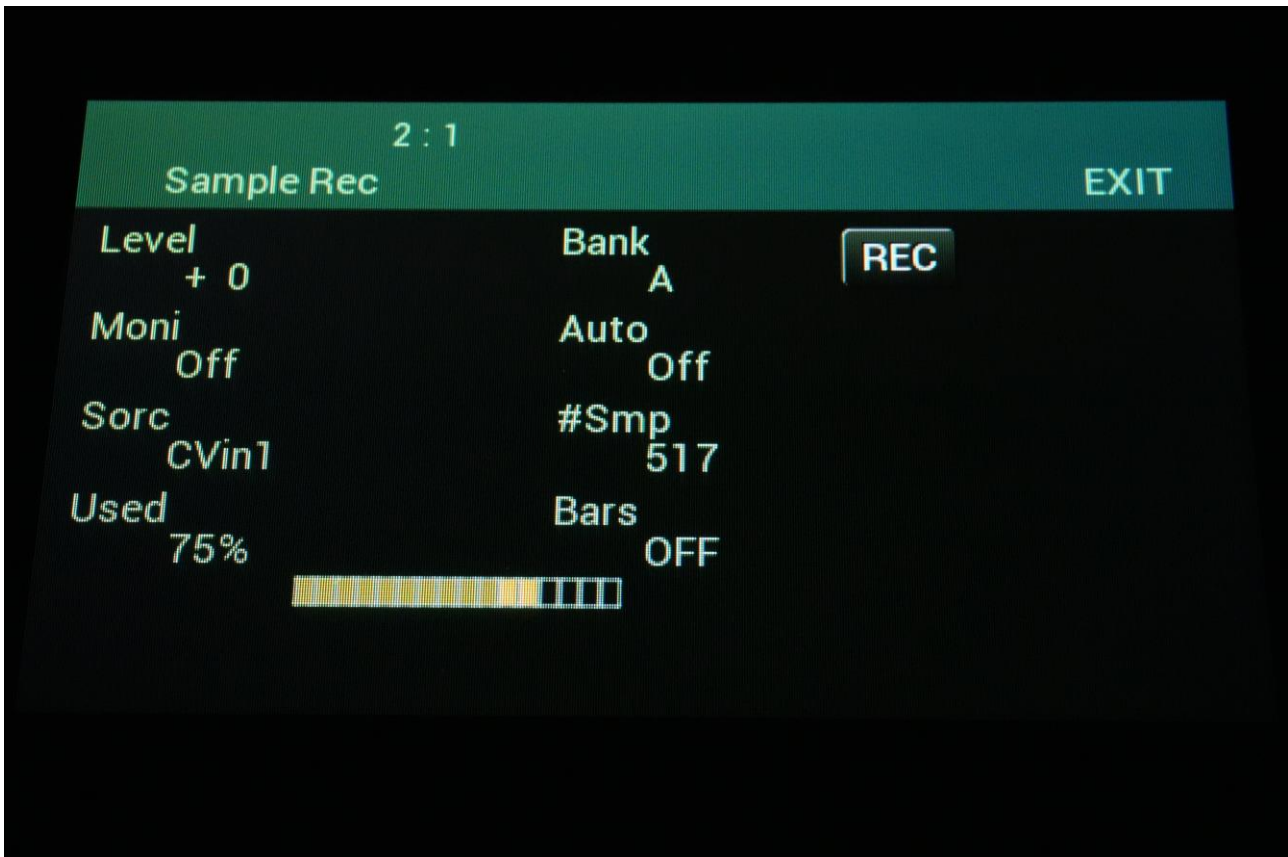
The CV inputs can be selected in the same way as any other modulation/trigger source.

When AnaX USB is connected, the modulation sources PPO5 to PPO8 will be renamed CVi1 to CVi4.

CV Sampling

With AnaX USB connected, it is possible to sample the signals applied to the CV inputs.

To do this, on the Sample Rec page, simply select the desired CV input as the sample source, record the sampling as usual, and name it and save it.



Put an oscillator in sample mode and select a CV sampling.

Using this oscillator as a modulation source, you can set the tempo of the modulation (sample Tune), and you can adjust the start and end points.

CV Draw Wave

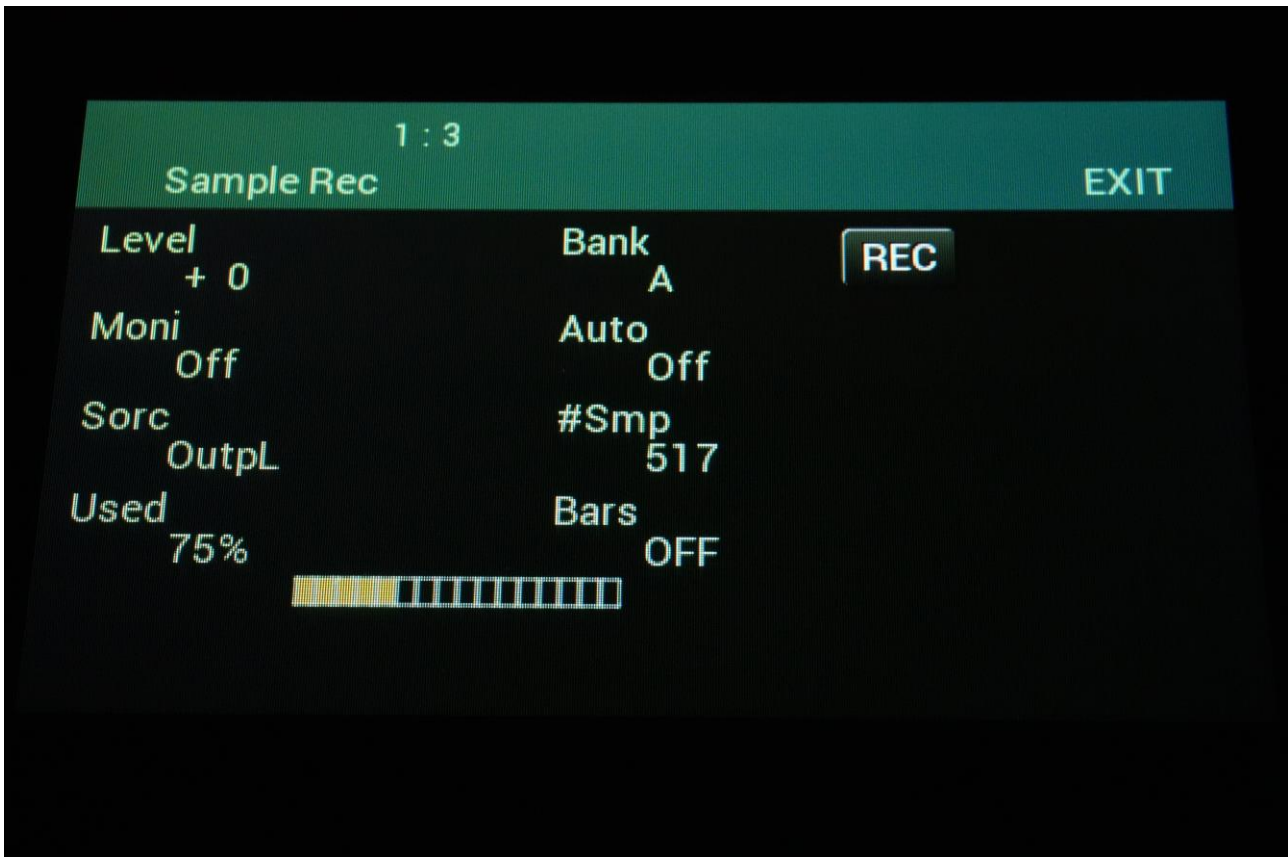
Like with any other samplings, it is, in the Graphical Sample Editor, possible to convert the sampling, or a part of the sampling, to a Draw Wave, which can then be used and manipulated by the LFO's and the Draw Wave Oscillators. Since Zatur can hold 15 Draw Waves for each preset, it is able to hold really many CV recordings.

When a sampling has been converted to a Draw Wave, it can be deleted, so that it does not take up any place in the sample FLASH memory.

The Sample Rec VU-Meter

Since Zaturu can only record mono samplings anyway, the right sample rec VU-meter has now been removed, so that it is clear to see which signal that is getting recorded.

In the initial testing of the AnaX USB, it got very confusing having two VU-meters, showing two different CV input signals.



Bug Fix

-Some USB keyboards, Like the Novation Launchkeys, which register as both a MIDI device and a mass storage device, would be detected as a mass storage device, when connected via USB, and not a MIDI device. Now it will be detected as a MIDI device.

Written by
Flemming Christensen
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