

Gotharman's SpazeDrum Blue & Black



Analog Drum Synthesizers

Update Manual V0.00

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AnaX USB

It is now possible to connect the new AnaX USB CV Expander to SpazeDrum. This will add 4 CV/Trigger inputs and 4 CV/Trigger outputs to SpazeDrum.

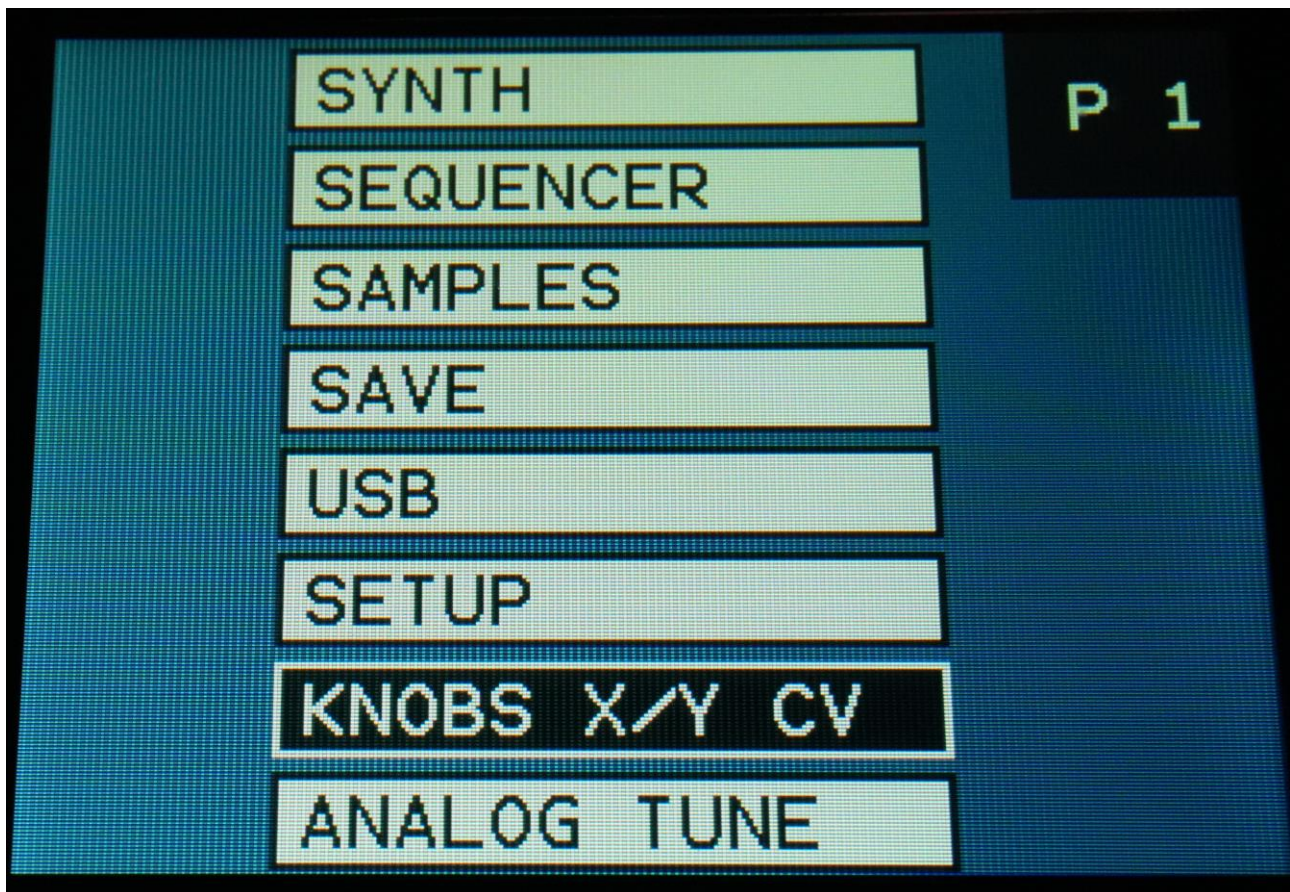
Connecting

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

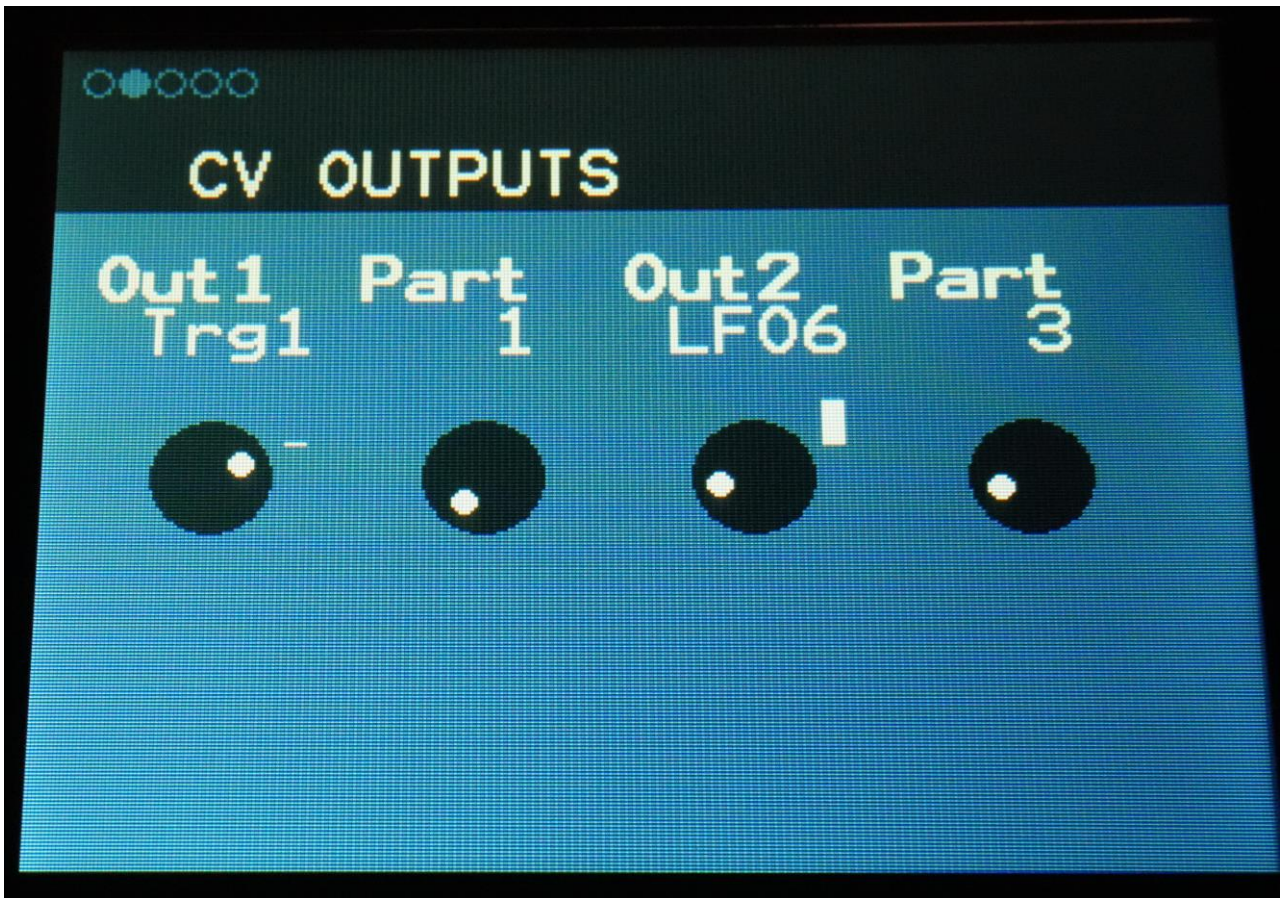
The USB LED will first light up in green, and then start to flash fast in green.

The Parameters

The AnaX USB parameters have been added on the “KNOBS X/Y” pages, which is now called “KNOBS X/Y CV”.



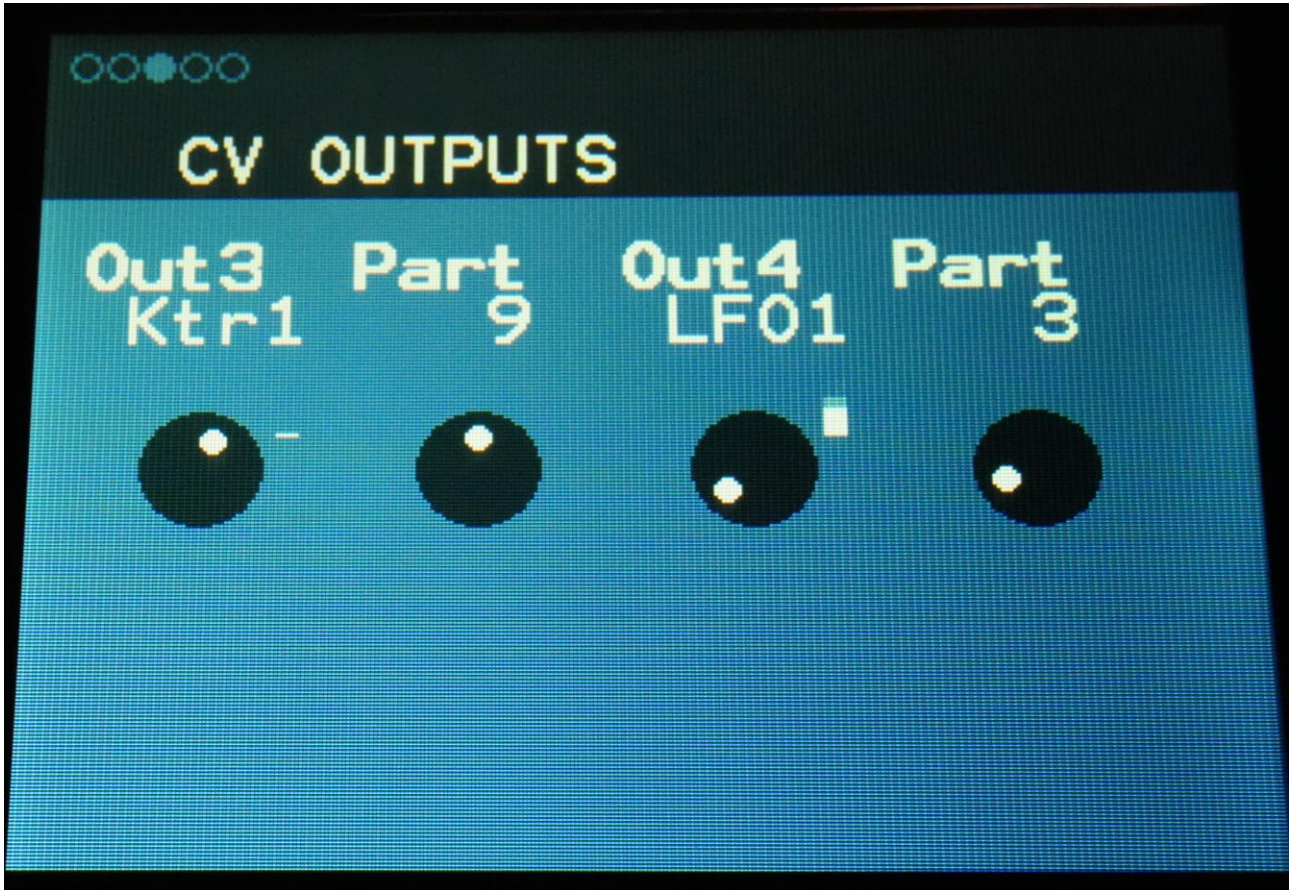
CV Outputs



Out1, Out2: Selects the modulation source for each CV output. For a complete list of modulation sources, see the list in the user manual.

To generate an analog trigger on a CV output, select Trg1-16 as the modulation source.

Part's: Set the part, which will apply the modulation sources for each of the CV outputs.

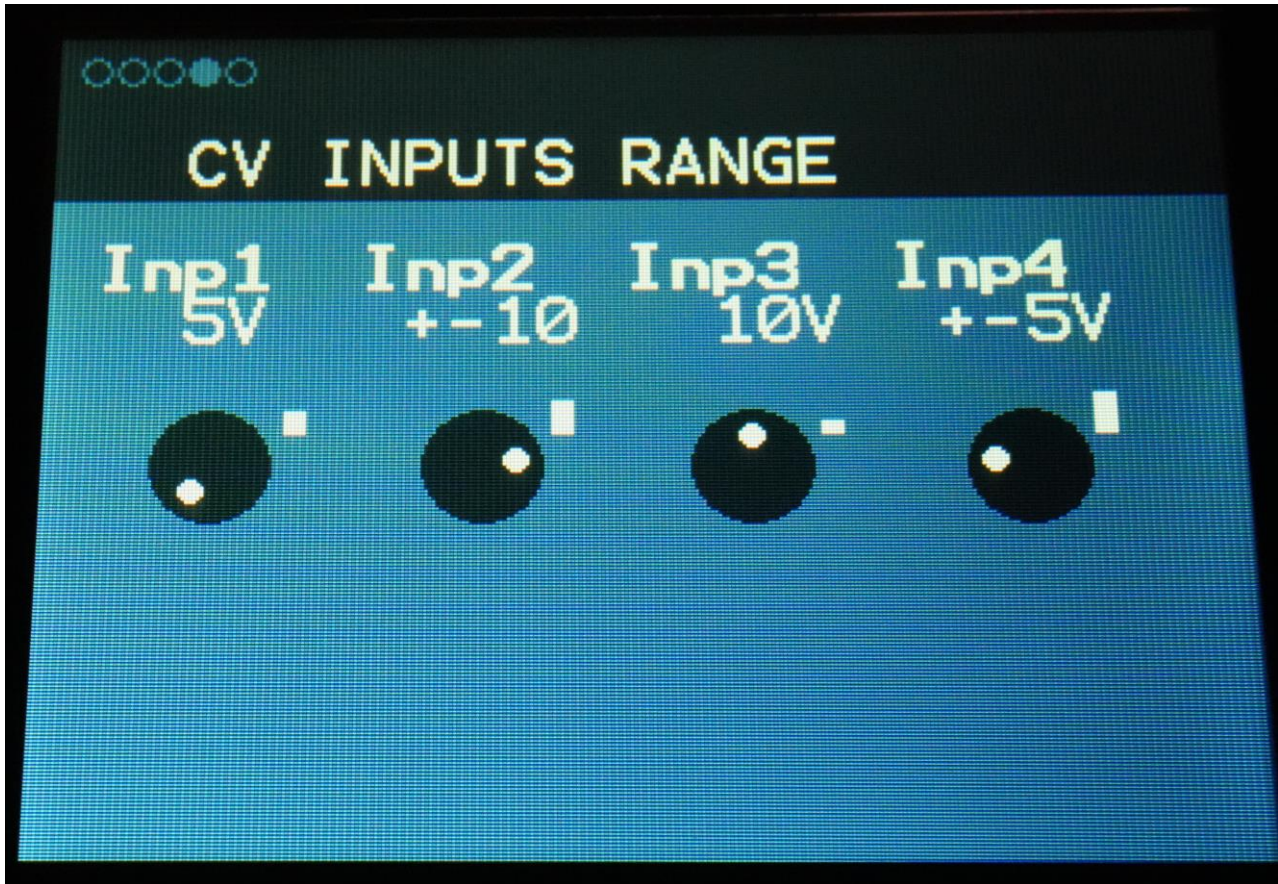


Out3, Out4: Selects the modulation source for each CV output. For a complete list of modulation sources, see the list in the user manual.

To generate an analog trigger on a CV output, select Trg1-16 as the modulation source.

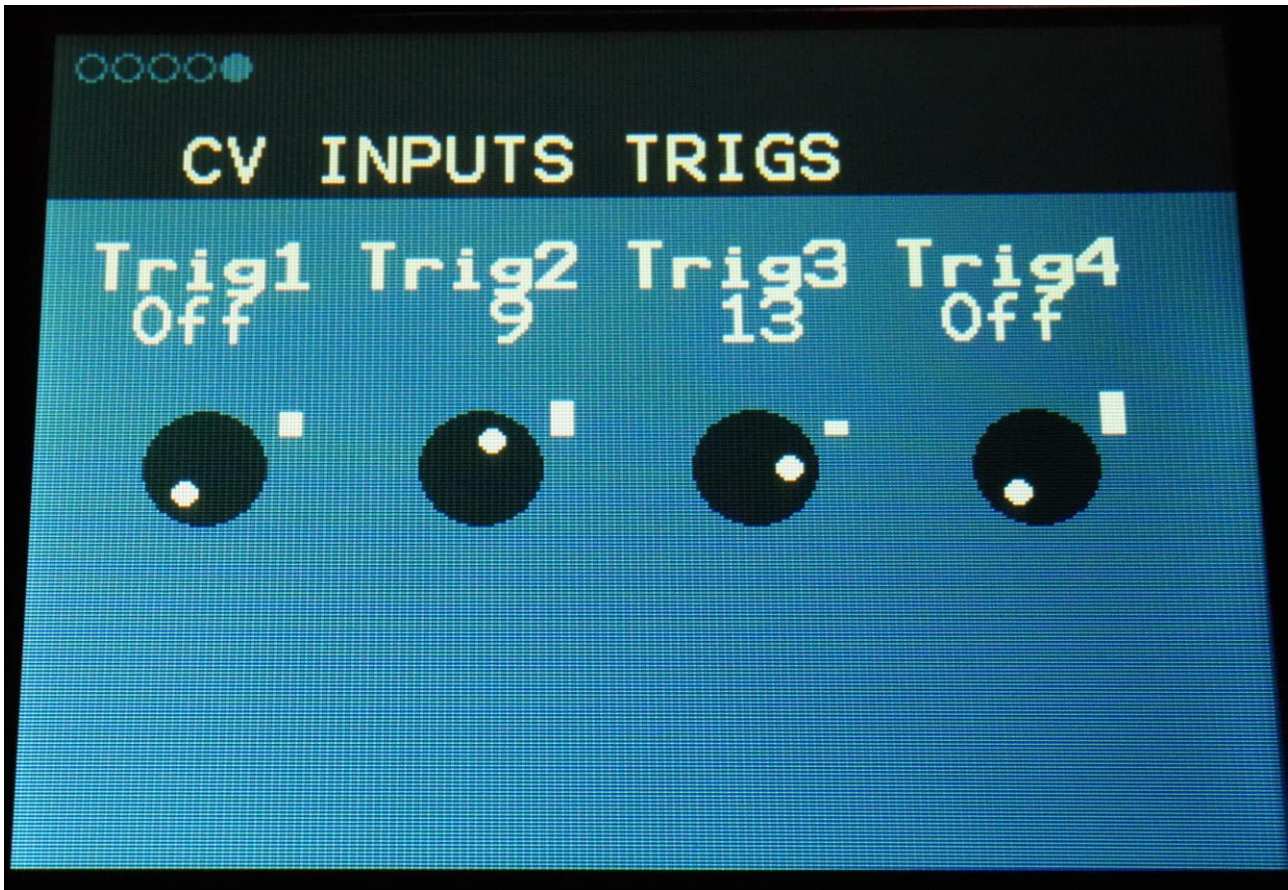
Part's: Set the part, which will apply the modulation sources for each of the CV outputs.

CV Inputs



Inp1, Inp2, Inp3, Inp4: Sets the input voltage range of the CV inputs. 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



Trig1, Trig2, Trig3, Trig4: Off, 1-16. Sets up the CV inputs to trigger specific parts.

Selecting the CV inputs for modulation

The CV inputs can be selected in the same way as any other modulation source. The AnaX USB CV inputs are named CVi1 to CVi4.

USB MIDI

It is now possible to connect MIDI keyboards and pad controllers, which have USB connectors, directly to SpazeDrum!

SpazeDrum will, in most cases, both supply the power, and receive the USB MIDI messages from the connected device, all with only one cable connection!

Connecting

Simply plug one end of the USB cable into the MIDI controller device and the USB A end of the cable into the SpazeDrum USB connector.



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

If the LED goes red:

The device you connected is drawing too much power.

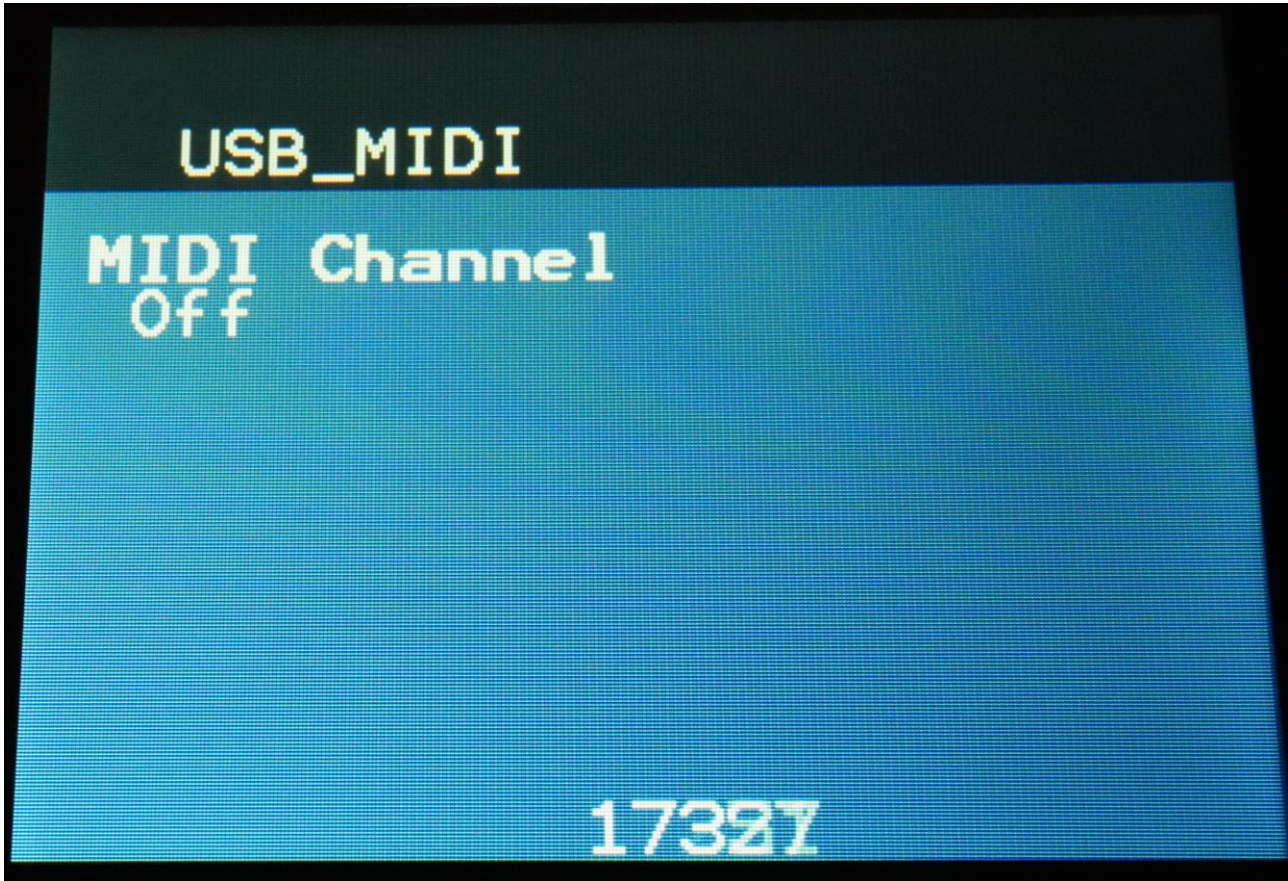
It can though still be used:

-Connect it via a powered USB hub.

If the device is drawing more than 100 mA, the USB MIDI system will not connect, but it will still power devices that draw up to around 500 mA.

USB Page

When a USB MIDI device is connected to the SpazeDrum USB connector, it enters USB MIDI mode, and the USB page will now look different, than when connecting a USB memory stick.



Currently this page only has one parameter:

MIDI Channel

This can be set to:

Off: The connected device will control the selected part on SpazeDrum, regardless of the MIDI channels set on SpazeDrum and the connected device.

On: The connected device will control SpazeDrum according to the MIDI channels selected on SpazeDrum and the connected device.

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