

Gotharman's zaTurn



Modular Synthesizer

Update Manual 10.02

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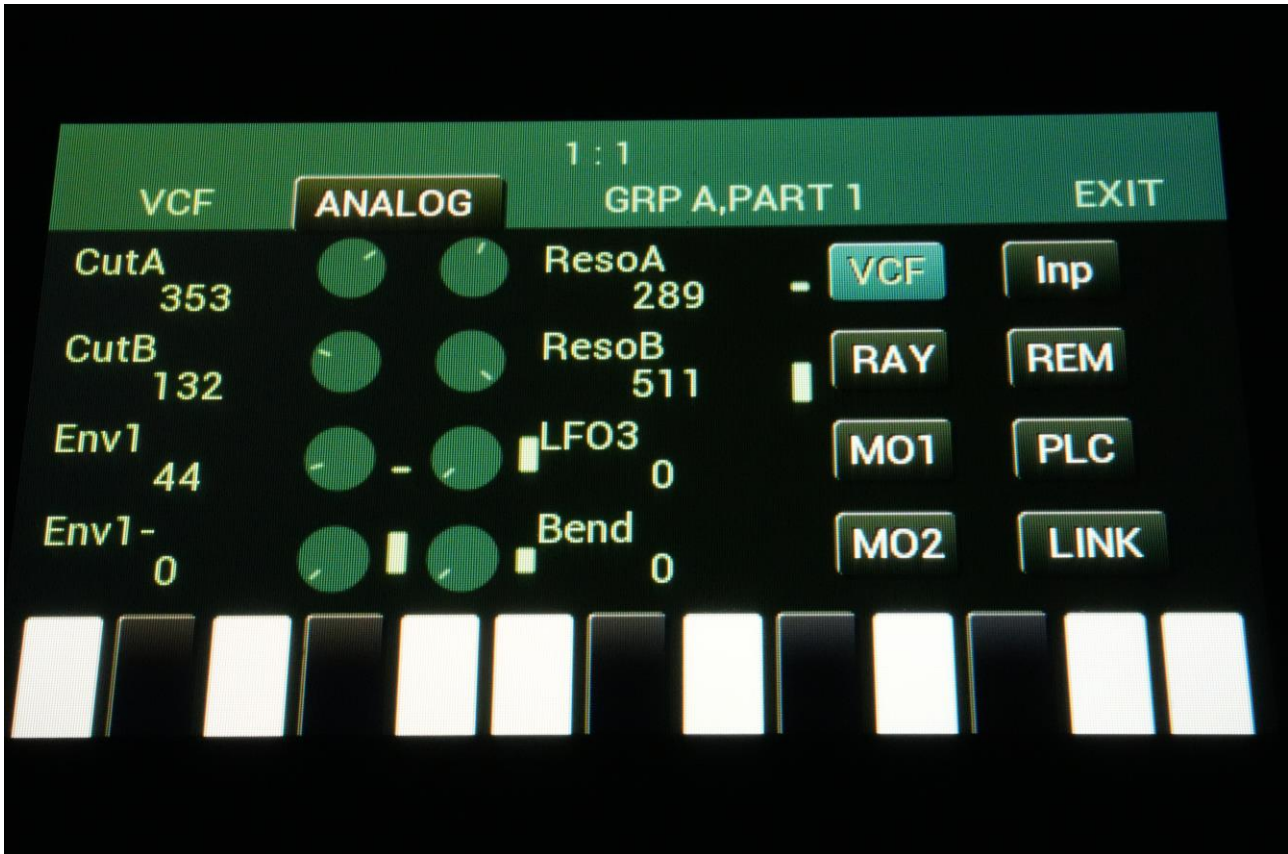
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VCF5

Zaturn Analog is now compatible with the new VCF5 analog poly filter board.



This filter board adds two analog filters to each Group (8 in total), based on the VCF2 filter board, but with some added features, like 24db filter modes and self-oscillating resonance.

Each of the two filters in each Group, can be set to six different modes:

- 12db Low Pass Filter
- 12db Band Pass Filter
- 12db High Pass Filter
- 24db Low Pass Filter
- 24db Band Pass Filter

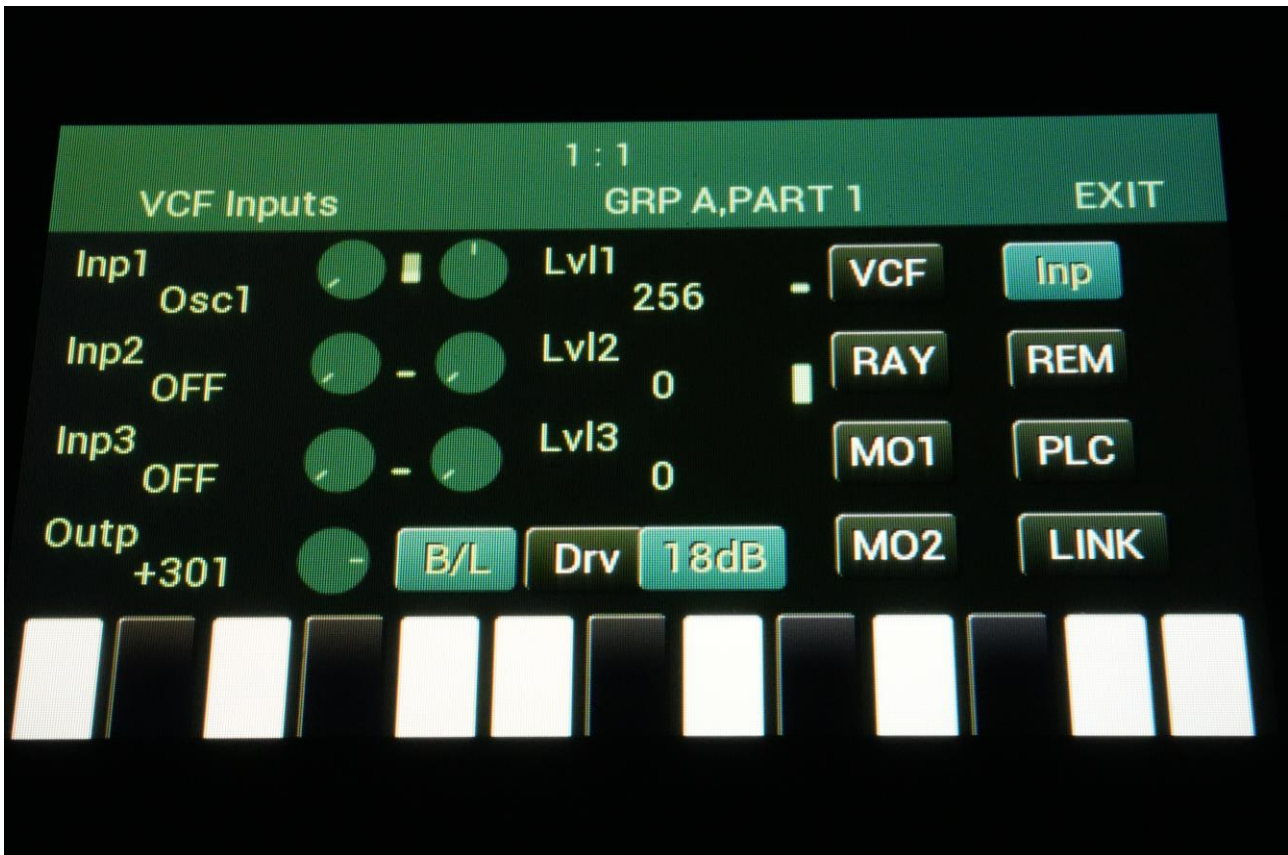
When the input levels are set higher than 100, the filters will start to drive in a nice and fat way. An analog Distortion is also included. This can be switched on or off. The input levels set the drive.

The cutoff frequency and the resonance can be adjusted and modulated separately for each filter.

Multi Filter Drive Switch

One day, when playing with the analog Multi Filters, I realized that they could be driven a bit harder than they were, to obtain some fat drive.

So a Drive switch was added to the Inp page.



When this is switched on (blue), the filter input levels can be adjusted to get the desired amount of drive.

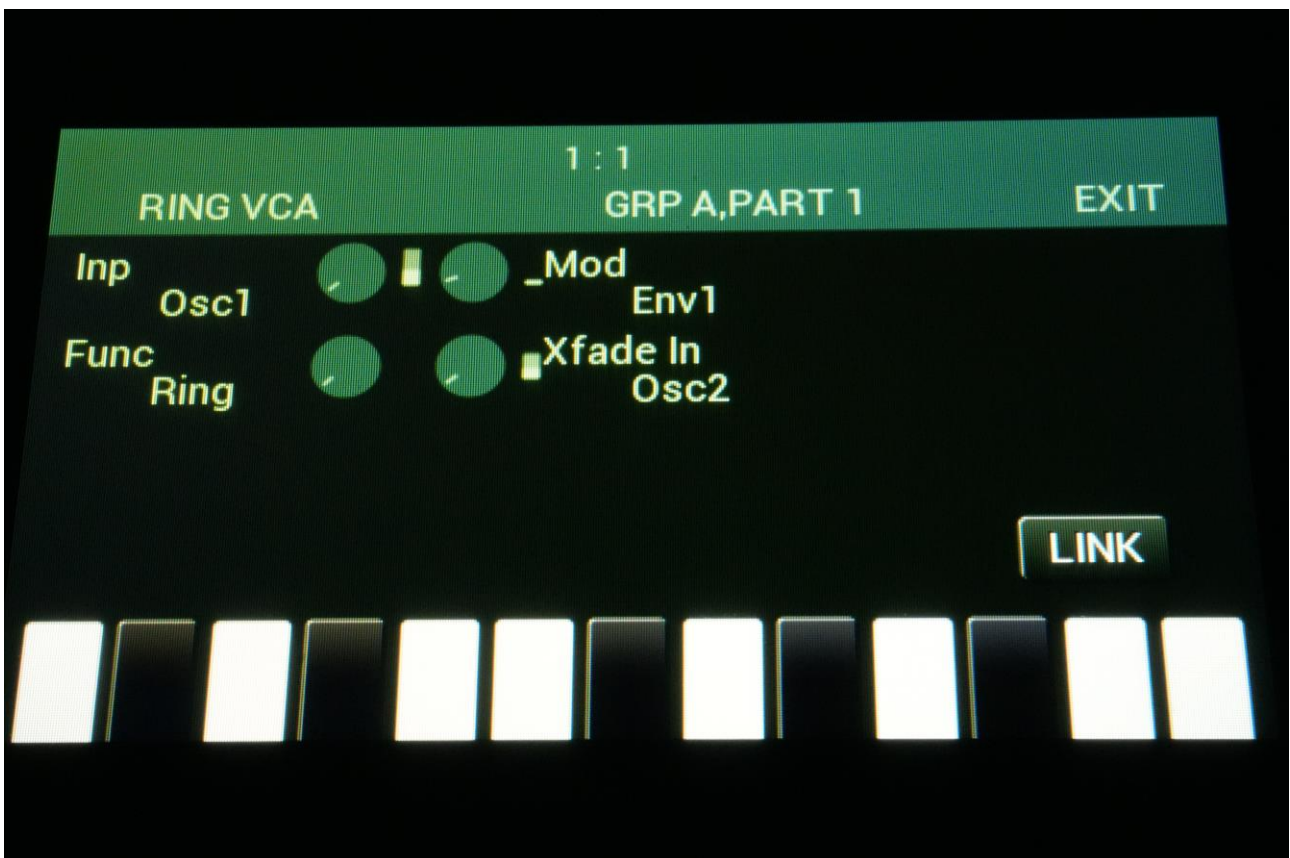
Crossfade Mode

An extra parameter has been added to the Ring VCA "Ring" mode: Xfade.

When this is set to any other source than Off, the source selected on the Mod input, will make it crossfade between the input source and the Xfade source.

When the Xfade parameter is set to Off, it will work as a ring modulator/VCA, as usual.

This parameter has no function in other modes than "Ring".



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