

# Gotharman's arAmoNo ><mini



Modular Synthesizer

Update Manual v3.65

- New oscillator type added with a wider pitch modulation range. [Page 3](#)
- Upper key setting added for key splits. [Page 4](#)
- ESC button added to the preset select page. [Page 5](#)
- Sequencer clear functions, both global and track, will now completely initialize the sequencer tracks, instead of just turning steps off. [Page 6](#)
- Roland JD-XA MIDI filtering has been removed.

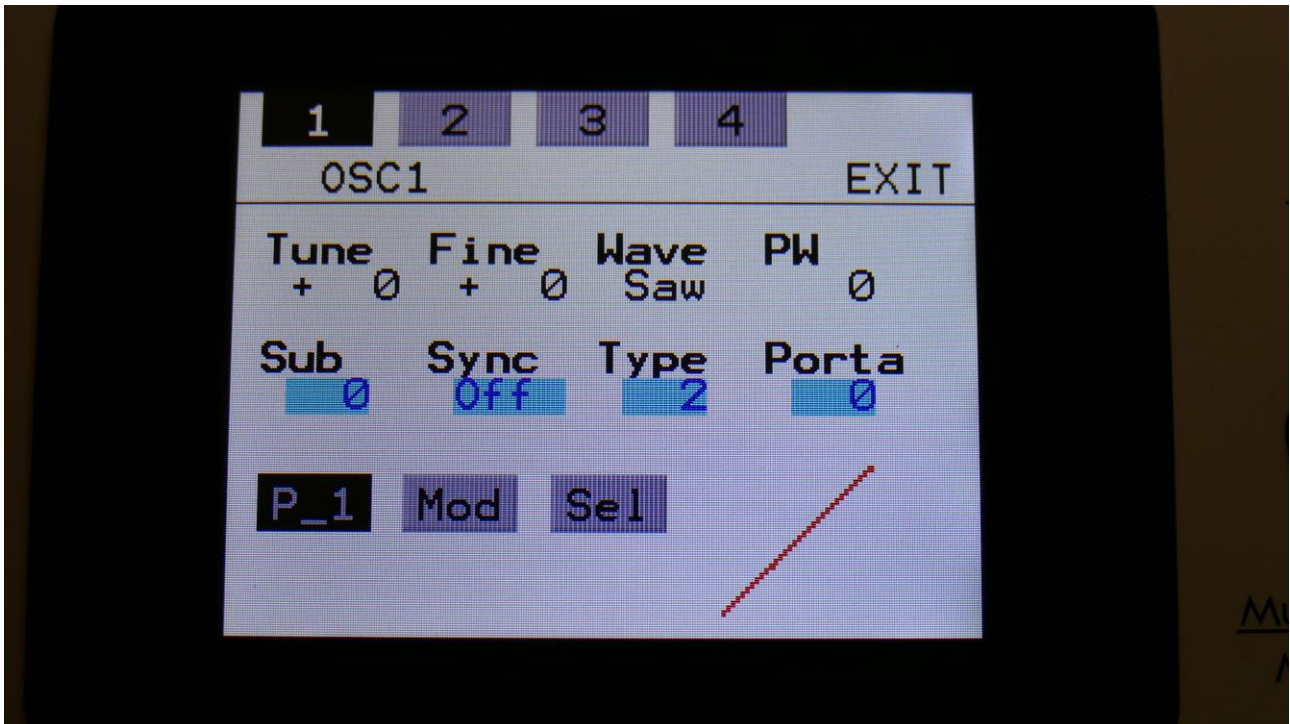
**Bug fixes:**

- Sometimes the LFO's would not trigger the Random generators, when they were set up to this. This has now been fixed.
- It was not possible to select all modulation sources as Ring VCA modulation. This has now been fixed.
- It was not possible to clear Layer B on sequencer tracks. Now it is.
- SSEL modulation would sometimes output extra characters, after the mod source name. This has now been fixed.
- If Oscillator 4 was set in sampler mode, the noise generator would sometimes stop to sound. This has now been fixed.
- Tune did not work on sample slots. Now it does.
- The sequencer note track did not send keyboard value to the Kybd modulation destinations. Now it does.
- When sending a MIDI All Notes Off message to Xmini, it would not stop all notes. Now it does.

## New Oscillator Type

A new oscillator type has been added. These have a wider and more smooth pitch modulation range, than type 1. They also have a bit more aliasing in the top and bottom of the frequency range.

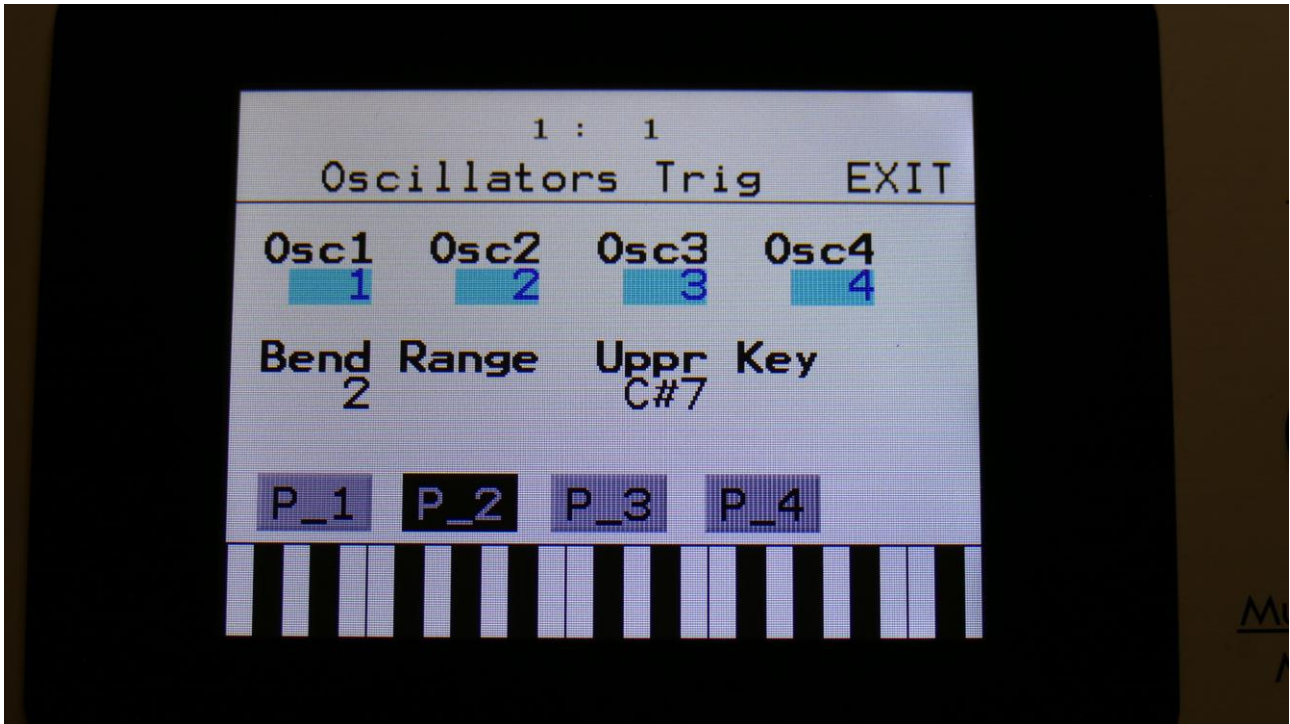
To select the new oscillator type, simply go to the oscillator page, and select type 2, using the new Type parameter:



## Upper Key For Keyboard Splits

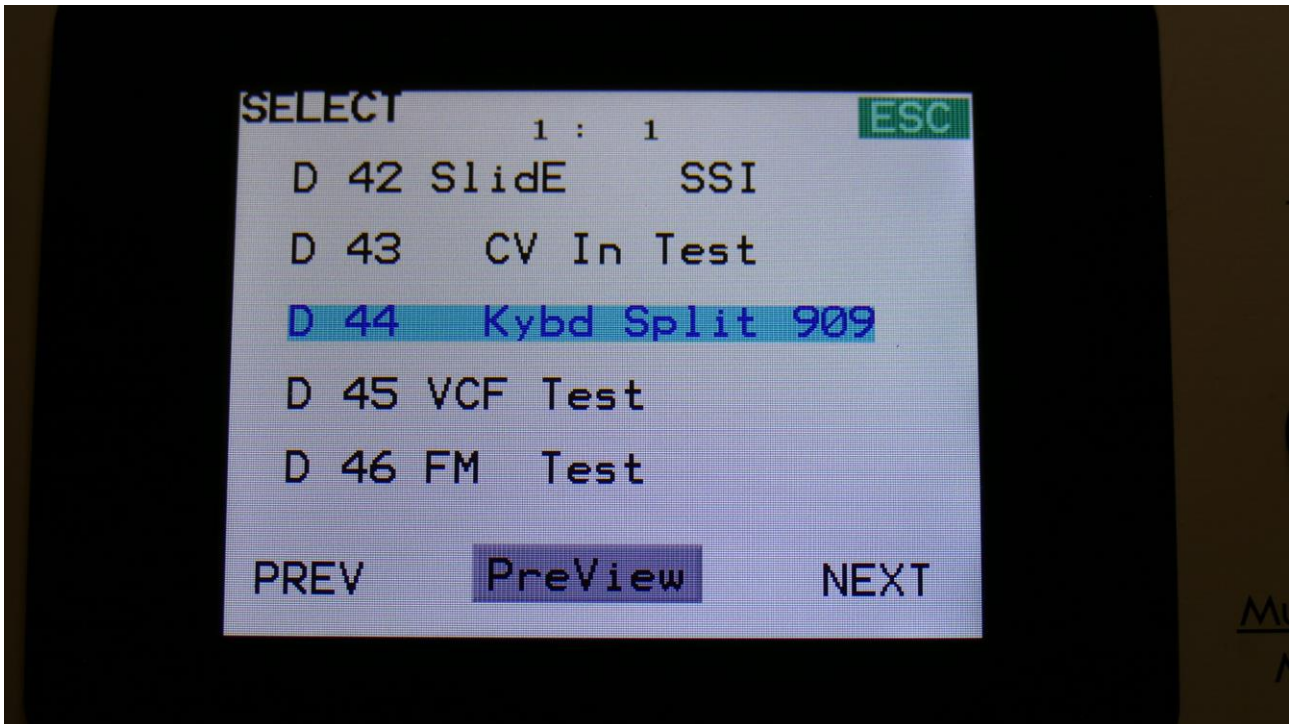
It is now possible to set the highest key, when doing keyboard splits on Xmini.

To set this, go to the TRIG page, select P\_2, and adjust the new Uppr Key parameter:



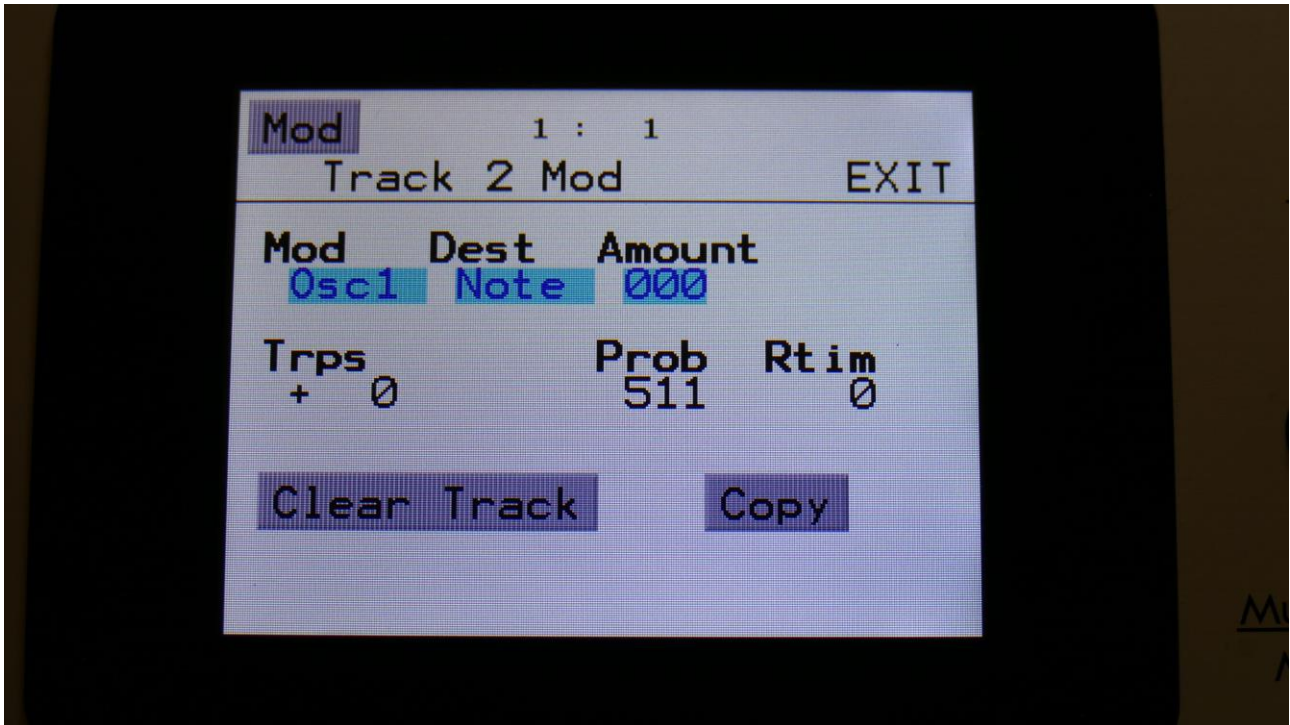
## ESC From Preset Select Page

To make things easier, if you by accident enters the Preset Select page, an ESC touch button has been added:



## Sequencer Clear

In previous firmware versions, Seq Clear and Track Clear would only clear the on steps. Because of user wishes, this has now been changed, so that all sequencer subtracks are initialized, when executing a clear function.



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