



Hydrasynth 1.5.4 Update notes

Functional changes:

1. There was a problem with the LATCH logic where you could latch notes both internally and externally creating a MIDI Loop. To prevent a LATCH MIDI loop, when ARP TX = on, MIDI out will send latched notes. Notes received on MIDI in will not be processed with the LATCH logic. When ARP TX = off, MIDI out will not send latched notes, notes on MIDI in will latch notes.
2. Speed up the Hydrasynth keyboard PB/mod wheel MIDI out slew speed.
3. Added more velocity options in system page 3
4. Fixed the unbalanced velocity response of white and black keys.
5. Hydrasynth won't respond to MIDI start anymore if the clock sync is internal
6. Added more time resolution to delay time and delay time modulation
7. Changed the Vel Off position in mod src – same parameter as MPE Vel OFF but with a new name.
8. Distort FX preset Drive1 change default Asym value to 0
9. Notes can get stuck on, if you play many other notes quickly with sustain pedal pressed
10. Makes changing the mutant Shift+Ratio smoother

Bug fixes:

1. With LFO in trigger Single/OFF mode, it is possible to have a delay at the note start if you play very quickly
2. Pause the Vegas light show if you are calibrating the ribbon.
3. LFO mod to ENV attack may not be on time.
4. Unit sends pitch & mod wheel message during boot up.
5. After save, the browser button was highlighted.
6. Notes messages not in MIDI RX affected the ARP.
7. Category Vocal not showing all vocal presets.
8. If Browser = category sort, and the unit receives a program change message for a sound which is not in this category, caused problems in the patch list.
9. ARP's first note has a delay with external clock.
10. Playing keyboard with notes coming in on other channels via MIDI RX may cause hung notes.
11. LFO step 54 lost in patch save.
12. Higher number macro modulating a smaller number macro didn't work.
13. Holding a key and turning ARP = ON, then turn AR= OFF, will cause some note problems.
14. Mono aftertouch will hold to a value of 7F in cases of MIDI Loop.
15. Voice priority fix when playing a legato mono sound. i.e. play E, D, C, and released C, it went back to E and should have gone back to D.
16. Fixed High pass filter memory overflow issue that could affect the mod wheel amount to OSC pitch.
17. Tempo didn't follow the BPM change when BPM sync on
18. The Lofi OUTPUT parameter doesn't work in 1.5.2



19. 1.5.3 introduced a bug that would set the system velocity to a fixed value.
20. LFO phase will be reset when loading a new patch
21. Corrected the Envelope Attack slope, reversed EXP/Log name display.
22. Fixed patch category sort issue with Patch Manager that could result in patches getting corrupted when sent and received.
23. Fixed MPE issue with sustain pedal and release velocity.