Synth Controller manual addendum for edition 'ProVessorS'

This edition for the incredible 'Prophet VS' sets focus on envelope parameters and oscillator tunings. You'll be MUCH quicker than stepping through the envelope points, levels and rates on the Prophet's frontpanel.

Prophet VS setting 'Midi Parameters'

After powering up the 'Prophet VS' it's value for 'Midi Parameters' in the Midi Options menu is always set to 'disabled'. This means the Prophet – after being freshly powered up – simply ignores the commands for parameter changes coming from the Synth Controller.

For not having to dive into the Midi Options menu manually we've built in a shortcut: pressing the red button causes the Synth Controller to send a tiny SysEx-command into the ProphetVS, setting all of its Midi-Options to ON ('Enable all Midi'). Afterwards Wheels, Pressure, Program Change, Joystick and Parameters are all ON. The Prophet now should react to knob dialing. To save Midi-Data-bandwidth, ONLY the red button sends this command.

There might be setups where it is not desired having all of the Midi Options always set to ON. For these cases we also offer a version of this edition, NOT sending this 'Enable all Midi' command when pressing the red button. For reacting to changes made on the Synth Controller you have to enable 'Parameters' manually in the Midi Menu after powering up your Prophet. This version of the ProVessorS-edition is called 'ProVessorS_manual'.

The edition-version described above, automatically enabling all Midi Options by pressing the red button is called 'ProVessorS_auto'.

Changing patches and the last changed parameter

There is another naging issue we unfortunately cannot change: after changing a patch, the dial you tweaked last on the Synth Controller will not work anymore. Example: you tweak cutoff, then call another patch and wonder why nothing happens when you keep tweaking cutoff. Solution: move any other knob and everything will work again.

Now you're curious why, right? Right. For saving midi data-bandwith on chaning parameters the ProphetVS first listens to the parameter to change (Midi-command: 'Change Cutoff'), and afterwards the change in value (Command: 'to 34', 'to 33', 'to 32', ..). This makes sense for saving redundant data. Otherwize it would look like this: 'Change Cutoff', 'to 35', ' Change Cutoff', 'to 34', ' Change Cutoff', 'to 32'... waste of data.

When we want to change another parameter, e.g. Reso, the new parameter number (Command 'Change Reso') will be sent , not before. That said. Now when you change a patch on the Prophet, it's memory for the last selected parameter is erased and it does not know WHICH parameter it should change, when getting the value changes from the Synth Controller ('to 34', 'to 33', 'to 32', ..)

Oszillator Layer (Ret)

Changing the Wave number of an oscillator takes it's time for the ProphetVS. If you change it quickly on the Synth Controller, the waves are laging behind on the Prophet itself. To skip value-ranges you are not aiming for, remember the shortcut described in the main manual: hold the red button while turning the knob to omit sending commands. Let the red button go and the commands will be sent again without the value in between being sent.

Letter Dial Mode

Yes, you can change the patch name as well on the prophet itself. Nevertheless we could not resist to implement dialing letters with the upper right 8 pots into the 'ProVessor S' edition. It's quicker and makes more fun. Now one thing is even funnier: you can select all letters for your patches but only the numbers 0-5. Even on the Prophet itself you wont get beyond the number '5'. Strange :-)