Synth Controller manual Addendum for edition 'Juno66' for Synth Controller OS Version 3.1 suitable to Tubbutec Firmware from 1.23

This manual is for the 'new' Juno66 Edition for the Synth Controller Firmware V3.1 and the Tubbutec Juno66 Firmware 1.23. Sounds complicated but it isnt:

SInce version 1.23 the Tubbutec expansion offers 3 new parameters:
- VCF Envelope inverted
- VCF Envelope loop
- VCF Envelope Delay

These 3 new parameters are always found on the faceplate for the new Synth Controller Juno66 edition for OS Version 3.1. All old function remain unchanged, for details please consult the Tubbutec manual.

This Synth Controller Edition offers the feature of double functions on two pots shown in brackets:
- VCF ENVELOPE DELAY & Loop on/off and
- PORTA FAST & SLOW

If the 3. button is NOT pressed the pot labeled „ENV DELAY" changes ENV DELAY and „PORTA FAST" changes PORTA FAST. While holding the 3. button the pot labeled „ENV DELAY" sends ENV LOOP on/off and the pot labeled „PORTA FAST" changes the parameter PORTA SLOW. ENV LOOP is enabled in the right half of the pot, moving it in the left half disables ENV LOOP.

The knob for CLOCK SOURCE allows to select with the lower buttons which Clock source to change: press middle button/Blue to change the Clock Source of the Arpeggiator with this pot, lower button/Red changes the clock source for the S/H Lfo

The dial ENV AMOUNT is bipolar. In middle position ENVELOPE AMOUNT is 0. The more you turn it to the right, the more positive ENVELOP intensity is set. The left half sets the envelope to inverted, with increasing intensity. Both halfs use all available 127 steps by the way.

Holding the middle button send the position of all pots out to the Synth. After switching of the system on another day you have the starting point where you last ended.

(Many thanks to Liam for helping on layout and testing)