Synth Controller manual Addendum for edition 'SX240' for Kawai SX240 with tauntek firmware upgrade

The SX240 edition for Kawai SX240 only works if you got the EPROM upgrade from tauntek.com. This EPROM can be purchased directly in the US from Bob Grieb (www.tauntek.com) or in Europe from www.untergeek.de **Please do NOT purchase one of the EPROMS from ebay.** They are sold without permission of Bob. In fact the ebay-seller commits copyright violation and makes money with Bob's hard work.

Thanks a lot to Lackan (youTube name) from Sweden for making the faceplate layout and testing the edition. In fact it was him to trigger the developement of this edition.

The layout of the SX240 edition is quite straightforward. Pressing the red, green or blue button selects the appropriate color layer with the parameters printed in that color. The upper 4 parameters for Cutoff, Resonance, VCF EG Amount and VCF KCV Amount are active in any layer.

Button combinations

Pressing more than one button select the following function:

- Pressing all 3 buttons sends a ALL NOTES OFF to the Kawai. If you got hanging notes by any cause you should be able to stop them with this command.
- Holding all 3 buttons for a second enters MIDI CHANNEL LEARN mode. The 3 LEDs start to flash slowly. Send a midinote into the Controller's MIDI IN jack to set the new base channel. The channel is preserved on power off and restored on next powerup. When using both tones only channels between 1-15 make sense as the LOWER tone is always one channel above the base channel. Pressing any of the 3 buttons escapes the MIDI CHANNEL LEARN mode.
- Holding the lower 2 buttons select the LOWER tone for editing. The channel for sending edit commands is set to the basechannel +1
- Holding the upper 2 buttons head back to the base channel as learnt in MIDI CHANNEL LEARN mode, targeting the UPPER tone.
- Last combination: holding upper and lower button sends a SNAPSHOT to the SX240. It is sent to the currently selected tone, UPPER or LOWER.

About the Snapshot

A snapshot simply is the complete parameter set, currently held in the Synth Controller. After powerup, the values are filled with parameters from an INIT PATCH.

Each time you move a knob, the value for this parameter of the snapshot is updated. The main task of the snapshot is to transfer the same tone from UPPER to LOWER or vice versa.