Synth Controller manual Addendum of Edition for 'LXP-1'

This edition allows the realtime control of all parameters of the Lexicon LXP-1. For the LXP to react to the Synth Controller commands, both need to be set to thidentical Midi channels. Little reminder how to learn Midi channels:

- on the Synth Controller hold the upper buttons for 2 seconds, the LEDs start to flash. Now send a Midi note on the desired channel into the MIDI IN jack of the Controller
- for learning the channel on the LXP keep pressing the button on the right side, send a midi note into it's MIDI IN (you can safely send it 'through' the Controller if it's already attached) and let the button go.

„Why does the parameter distribution on the faceplate look so strange?"

The LXP-1 offers 8 algorithm (Halls & Rooms, Plates, Gated, Inverse 2xDelay, 2xChorus) with up to 9 parameters each. Unfortunately these 9 parameters are 'abstract' and used throughout all algorithms, there are no algo-specific parameters for being controlled over SysEx. Altering e.g. 'Parameter 4' will change different things in each algo – to make things worse the parameters often differ in resolution and value span. This is the reason for the faceplate to look kind of chaotic and why there is no Continuous Controller remoting.

The white knob EFFECTS LEVEL is active in all 3 color layers.

Red layer – REVERBS

Use this layer for all Rooms, Halls, Plates, Gated and Inverse Reverb. The parameters printed in CAPITALS (HI FREQUENCY CUT, PRE DELAY, PREDELAY FEEDBACK and DIFFUSION) are valid for all reverbs. Further you will find 3 parameter groups (ROOM HALL PLATE, INVERSE and GATED), the knobs are connected by a line. Depending on the selected LXP-1 preset, you are offered

ROOM, HALL, PLATEs: Size, Mid Decay, Bass Multiply
INVERSE: Size, Slope
GATED: Gate Time Slope

Nothing really bad will happen if you move a knob <u>apart</u> from the currently selected preset. It's just that another parameter will be changed in the LXP-1 not suitable to the knob's label, the value span might be wrong as well. Example: let's assume you selected ROOM on your LXP-1 and are moving the knob GATED/SLOPE – technically the Synth Controller sends: „alter parameter #5 between 0 and 15". For the ROOM's, parameter 5 changes SIZE in a value span preferably between 0 and 64. Fiddling GATED/SLOPE while

having selected ROOMs will change the SIZE within the first quarter of the available value span.

Green layer – DELAY 1&2

The left half of the faceplate contains the available parameters for DELAY 1 – printed in a darker green. In the right half – in brighter green and with a '*' - are the parameters for Delay 2.

The technical background about parameters from the 'wrong' place is the same as in the red layer.

Blue layer – Chorus 1 & 2

Corresponding to the principles above, Chorus 1 parameters are on the left in darker blue - Chorus 2 are brighter and with an additional *.