

Synth Controller manual Addendum to Edition for Lexicon 'LXP-5'

This edition allows changing all the parameters of your Lexicon LXP-5. 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.

The LXP-5 offers 2 algorithms: DELAY/REVERB and PITCH/DELAY. Most of the parameters are active in both algos. Exceptions are

- DELAY 2 FEEDBACK
- DELAY 3 COARSE
- DELAY 3 FINE
- the 3 PITCH parameters

... these paras are available in PITCH/DELAY only – therefore we've set the labels in square brackets. If you try to change them while the LXP-5 is in DELAY/REVERB algo ... nothing will happen.

The 4 white knobs to the left active in all three color layers:

- INPUT LEVEL sets the audio level going into the effects processor
- OUTPUT LEVEL controls the level of the effects signal
- REVERB BALANCE pans between Delay/Pitch and Reverb. The more you crank it up, the more reverb will be there
- OUTPUT BALANCE allows left/right panning of the effects signal

Please note: the white parameters take influence on the digital levels of the effects processor, they are not replacing the three hardware knobs on the LXP-5's frontpanel for INPUT, MIX und OUTPUT.

Red layer

Red contains all pamameters for the three delay lines and the Pitch Shifter. As stated above: parameters in square brackets are only active when using algo PITCH/DELAY.

The three Pitch parameters can be considered as coarse (Base), normal (Interval) and fine (Adjust) adjustment. Setting PITCH BASE to OFF not only deactivates the pitch

shifter – the FX-chip will be relieved, resulting in better Delay timing.

Green layer

Here you will find the settings for Reverb/Ambience as well as the EQ with High- and Low-Cut. The latter are very productive and helpful, e.g. they have large impact on the delay feedback and help clearing up the bottom end of large rooms.

Blue layer

This layer houses three settings:

You can switch the algos directly without having to fiddle on the LXP-5's frontpanel.

WRITE PROTECT can be switched quickly ON or OFF. If trying to save a preset fails with the LXP's LED blinking red ... WRITE PROTECT most probably is still active.

At last you can change the LFO rate. (Due to technical issues it is unfortunately not possible using the Synth Controller to define the LFO's modulation target).

Continuous Controller remoting

Like many editions of the Synth Controller, this one also houses a CC-to-SysEx-translator, allowing to remote and automate the LXP-5 together with your arrangement.

There are small grey numbers beside nearly every parameter on the faceplate. These are the CC-numbers you need to send into the Synth Controller to remote this parameter in the LXP-5. You can e.g. change „High Cut“ by automating CC #26 in your DAW. Or use CC #32 in your arrangement to blend between Delay and Reverb.

Changes on SIZE will mute the LXP-5's output for half a second. This is unfortunately an inevitable characteristic of the LXP-5.