
OT: Synthesizer

Posted by neilbaldwin - 2011/08/04 16:38

Here's one I thought you might enjoy. When I made this track:

http://elektron-users.com/index.php?option=com_fireboard&Itemid=28&func=view&id=142747&catid=10

I did quite a nifty little trick to synthesis the kick drum.

I setup the BC16 to just play a simple sine wave with a shortish amp envelope. Placed MIDI trigs on the OT to trigger (usual 4-on-the-floor pattern) and setup a track recorder with 1 one-shot recording trig. In the playback pattern I placed the same 4-on-the-floor layout of trigs.

A flex machine was assigned to the track and I setup some real-time synthesis:

FX1: LO-FI

FX2: FILTER

LFO 1: exponential, 32x, ONE with maximum depth, destination PITCH

LFO 2: isaw, 32x, HALF, with about 64 depth, destination LO-FI DIST

So the OT was doing a super fast pitch sweep via LFO 1 and adding a tiny crack of distortion at the beginning of each kick sound. Fine tune the sound with the filter and you can get a pretty reasonable analogue-sounding drum.

What's nice is that you can keep arming the one-shot recorder while the track is playing and mess around with the original source sound (in my case coming from the BC16) like changing it to a square or triangle wave etc.

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Re:OT: Synthesizer

Posted by ipassenger - 2011/08/04 16:44

Sounds interesting, I'll check it out. :)

I find with the effects and sequencer you can turn just about anything into useful and interesting sounds. I turned some garbled mic recorded vocals into pads last night and then used the sequencer to create a riff with the resampled pads.

For a sampler it is very easy to just noodle around like it is a synth. Helps if you have a blank part + pattern with all your rams free for resampling each mad noodle.

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Re:OT: Synthesizer

Posted by neilbaldwin - 2011/08/04 16:54

Very true.

In a way it's like a weird hybrid 8 voice modular synth, without a VCO but with the ability to use absolutely anything as an oscillator. I just really wish they'd expose the 'advanced' parameters of the FX to p-locking/scene-locking/LFOs. Then it would be absolutely mental :)

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Re:OT: Synthesizer

Posted by dataline - 2011/08/04 18:37

Totally! I love the fact that OT can be a killer synth - drum machine as well being a kick arse sampler :)

I remember speaking to the elektron guys about the 'advanced' parameters getting locked and overall, I did not get the impression that they would do it :)

Re:OT: Synthesizer

Posted by tIB - 2011/08/04 18:42

^ they will remain as they are unable to be locked?

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Re:OT: Synthesizer

Posted by dataline - 2011/08/04 21:07

^^ yea, that's what I gathered from what they were saying...never know though

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Re:OT: Synthesizer

Posted by phading - 2011/08/13 00:58

neilbaldwin wrote:

Then it would be absolutely mental :)

Indeed! Sometimes I'm working on a patch where I just wish we had that feature!

And I just loaded a bunch of waveforms to my OT :lol: , with the right procedure and with some patience you can do anything with it :)

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Re:OT: Synthesizer

Posted by metageist - 2012/03/16 21:27

"In a way it's like a weird hybrid 8 voice modular synth, without a VCO but with the ability to use absolutely anything as an oscillator."

That it exactly. Just the perfect description of the OT. Genius.

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