
OT - More chromatic exploration

Posted by neilbaldwin - 2011/03/09 03:22

Following on from the other video, here's another experiment. I got a bit better with the recording this time - invested in a little gorilla tripod for my phone :)

<http://www.youtube.com/watch?v=61BW XKSp3NE>

I wondered if it was possible to make a TB303-style bass by using a single-cycle square-wave loop as opposed to slicing up a bass-line loop. I actually ended up using 2 waveforms 2 octaves apart as programming chromatic stuff is a little limited (as of OS 0.99e)

The two drum tracks are loops from the Loopmaster samples (supplied with the OT) but the bass-line is NOT a looped/sliced phrase. It's all programmed by plocking the pitch and envelope parameters and trig-less trigs.

I'm mainly swapping between Hold on/off in the Filter setup (I really wish this was exposed to plocking/modulation) and opening/closing the filter with the cross-fader.

The pitch-bends on the bass are done by defining a custom LFO shape that is an upwards slope and applying it to the Pitch by plocking the LFO depth where a bend is required. Only goes up but you could easily define a second LFO with a down-slope for bends down I guess.

For interest, the 4th track has some little synths notes again using the square-wave.

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Re:OT - More chromatic exploration

Posted by Duncan - 2011/03/09 03:32

So this is taking a wave form and producing melody like the dpro machine on mnm.

Sweet.

Those filters are pretty wicked.

Just need to get me a job and an OT will be high on the reward-to-self list.

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Re:OT - More chromatic exploration

Posted by darenager - 2011/03/09 07:01

Fine job Neil;)

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Re:OT - More chromatic exploration

Posted by anselmi - 2011/03/09 10:13

wow! this demo reveals the really nice nature of the OT's filters!
excellent!

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Re:OT - More chromatic exploration

Posted by poonti - 2011/03/09 12:44

Sounds frikking awesome! Octaceed indeed!

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Re:OT - More chromatic exploration

Posted by Nils - 2011/03/09 14:59

Duncan wrote:

Those filters are pretty wicked.

+1

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Re:OT - More chromatic exploration

Posted by djd_oz - 2011/03/09 16:21

Stop making me want the OT! B)

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Re:OT - More chromatic exploration

Posted by neilbaldwin - 2011/03/09 16:21

Thanks :)

You could take this idea a LOT further by having a second track with a neighbour machine. The (Filter) Distortion wasn't really working in the way I wanted. It was just destroying the sound as opposed to overdriving it - probably at the wrong place in the effect chain? And it could've really benefitted from some compression.

If you're doing this kind of stuff, here's a tip: it's a lot easier to play the sample lower than the original rate than higher. This is because setting Pitch to -12 gives you one octave lower but then if you adjust the Rate to 32, you get an octave lower again (setting it to 16 gets you even lower but probably unusable). Pitching the sample upwards you've only got 0 to +12 on the Pitch.

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Re:OT - More chromatic exploration

Posted by data-line - 2011/03/09 17:22

that sounds pimping!!!!!!!!!!!!

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Re:OT - More chromatic exploration

Posted by bauer - 2011/03/09 18:56

wicked stuff. i'm getting really excited about getting my OT now.

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Re:OT - More chromatic exploration

Posted by Toni - 2011/03/09 19:00

Cool demo. Nice to see OT working in compositional environment opposed to dj-stuff. Filters do sound nice. :)

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Re:OT - More chromatic exploration

Posted by bsmith - 2011/03/09 19:55

This sounds great neil! Holy smokes - wavetable!!!

I also did the two octave apart thing when messing with pitch on sampled oscillators - would be cool if there were an option in flex to have a tighter or broader tuning range.

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Re:OT - More chromatic exploration

Posted by ipassenger - 2011/03/09 20:33

Cool demo. :)

neilbaldwin wrote:

The pitch-bends on the bass are done by defining a custom LFO shape that is an upwards slope and applying it to the Pitch by plocking the LFO depth where a bend is required. Only goes up but you could easily define a second LFO with a down-slope for bends down I guess.

Could you not have achieved this through the use of the slide track and perhaps trigless trigs where you didn't want to trigger the envelope?

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Re:OT - More chromatic exploration

Posted by neilbaldwin - 2011/03/09 22:04

ipassenger wrote:

Cool demo. :)

neilbaldwin wrote:

The pitch-bends on the bass are done by defining a custom LFO shape that is an upwards slope and applying it to the Pitch by plocking the LFO depth where a bend is required. Only goes up but you could easily define a second LFO with a down-slope for bends down I guess.

Could you not have achieved this through the use of the slide track and perhaps trigless trigs where you didn't want to trigger the envelope?

Are you winding me up? Is there really a slide track on the OT?!

:laugh:

I know there's one on MnM but I never even thought there was one on the OT!

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Re:OT - More chromatic exploration

Posted by data-line - 2011/03/09 22:32

yeap there is slide track on the OT :D

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Re:OT - More chromatic exploration

Posted by neilbaldwin - 2011/03/09 22:46

data-line wrote:

yeap there is slide track on the OT :D

:silly:

Next video will be of me reading the manual. :blush:

Re:OT - More chromatic exploration

Posted by gurulogic - 2011/03/10 01:59

neilbaldwin wrote:

Next video will be of me reading the manual. :blush:

haha, that could top even your latest moment in the spotlight at Elektron's Facebook page! ;) <http://www.facebook.com/#!/pages/Elektron-Music-Machines/380068472386>

Re:OT - More chromatic exploration

Posted by neilbaldwin - 2011/03/10 02:06

gurulogic wrote:

neilbaldwin wrote:

Next video will be of me reading the manual. :blush:

haha, that could top even your latest moment in the spotlight at Elektron's Facebook page! ;) <http://www.facebook.com/#!/pages/Elektron-Music-Machines/380068472386>

What?! Really? Oh yeah... :blush:

Re:OT - More chromatic exploration

Posted by GYS - 2011/03/10 02:36

Nice job man, this is bangin'!!! :)

Re:OT - More chromatic exploration

Posted by RubixGroove - 2011/03/13 17:53

Dig the crossfade action. Simple, yet the sound was stunning. :D