
Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/02 20:41

Hi !

Since the MD, the MnM and the OT have several outputs, do you think it could be possible to add a new machine :

A CV/gate combo on 2 outputs (i know triggers work with imp on the MD).

It should be doable, a CV machine, or am i dreaming ?

I know that softwares like motu volta allow this with a soundcard, so, why not on the elektrons ?

Just a thought.

louis

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by the dreammer - 2012/03/02 22:25

Something inside me says, this volta stuff only worked with dc/coupled outputs..
Not exactly sure what this means.. but sounds like "direct current attached to output" ..

So, if the nice elektron people can "put electricity" on the output because that dc/coupled stuff
is also in the elektron gear... hmm yeah.. should be possible.. if they program it..

Then again.. it would be a unique selling point... OUR GEAR HAS CV in IT.. so that almost screams to me... they would if
they could..

anyways.. my 2cents.. i hope it was worth your reading time :) enjoy your day..

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by lostinthemanual - 2012/03/02 22:30

you need DC coupled hardware outputs for this, in first place. Not a new Machine
DC coupling means that a Capacitor is in the signal path who has to eliminate DC offsets.

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by GeneralBigBag - 2012/03/03 02:30

@Lost - don't you mean that the outputs must be DC coupled (no capacitor), since CV and gates are DC?

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/03 05:21

It's going a bit technical....

lostinthemanual : are you saying it's not possible with the elektron's outs ?

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by neonleg - 2012/03/03 05:35

GeneralBigBag wrote:

@Lost - don't you mean that the outputs must be DC coupled (no capacitor), since CV and gates are DC?
this

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by lostinthemanual - 2012/03/03 05:52

GeneralBigBag wrote:

@Lost - don't you mean that the outputs must be DC coupled (no capacitor), since CV and gates are DC?
ahh shit, mixpusled it, sorry
AC coupled means it has a Capacitor.

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by lostinthemanual - 2012/03/03 05:59

chapelier fou wrote:

It's going a bit technical....

lostinthemanual : are you saying it's not possible with the elektron's outs ?

it is to expect that the outputs are AC coupled.

AC coupling means that no CV will flow thru it.

and to bypass the cap would make no sense on a octa.

Folks have donne this on clavia modulars. NM1 + IIRC also on G2

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by bloodsample - 2012/03/03 11:00

Not trying to be a smart ass, but why not just use a MIDI to CV converter?

Get a MIDI thru box + a couple of Kenton pros and voila, 8 analog synths controlled at the same time via OT. To get that kind of control directly from the box they would need to fit 16 1/4" output jacks on the back, not likely.

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/03 20:25

bloodsample wrote:

Not trying to be a smart ass, but why not just use a MIDI to CV converter?

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That's what i do, thank you.

I am just speaking of improving the elektrons, using less gear, spending less money and thinking of the most compact setup possible.

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by phading - 2012/03/04 05:21

chapelier fou wrote:

I am just speaking of improving the elektrons, using less gear, spending less money and thinking of the most compact setup possible.

That's the way it should be! :lv!:

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by ntothe - 2012/03/04 14:49

there is a way even if you don't have a DC coupled output - it involves soldering (you gotta make special cables) but if you do it right, you can transmit CV through a 'regular' interface.

details here

<http://expert-sleepers.co.uk/siwaacencoder.html>

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/04 18:43

ntothe wrote:

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details here

<http://expert-sleepers.co.uk/siwaacencoder.html>

Ha...here we go somewhere....
thank you !

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by darenager - 2012/03/04 19:18

A few years back I did an experiment using the MD to send CV into my MS10, it kind of works but due to the outputs being AC coupled and the voltage level being around 4v P-P the results are a little strange, at the time I actually emailed Daniel at Elektron to see if a CV machine would be possible, but alas it is not. The way it works if you want to try, is the output level determines the voltage, so you can kind of change pitches, by using volume locks as well as pitch locks but it is nowhere like normal scaling. Nonetheless I found it quite interesting and a good source of serendipity;)

Here is the video with a bit of explanation.

<http://www.youtube.com/watch?v=JOgMgSjXdsl>

Edit - Maybe a external scaling box could be built using an op amp as a scaled voltage follower.

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by tIB - 2012/03/04 20:22

ntothe wrote:

there is a way even if you don't have a DC coupled output - it involves soldering (you gotta make special cables) but if you do it right, you can transmit CV through a 'regular' interface.

details here

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Unfortunately you'd also need a computer running for that, though if that isn't an issue then silent way is great. I did some computerless experimenting with an ES1 and the MD and MNM, didn't have great results, pretty much the same as running into an amp, which is what the ES1 does really along with some scaling.

Re:Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/04 21:07

darenager wrote:

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Here is the video with a bit of explanation.

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Edit - Maybe an external scaling box could be built using an op amp as a scaled voltage follower.

Interesting video, thank you !

I also e-mailed elektron, but since you already had an answer, I guess I should leave the idea and go on with my Kenton...

Re:Idea about future OSs of Elektrons for analog gear.

Posted by darenager - 2012/03/04 22:35

Yeah Kenton is better, but something like a sympleseq or baby 10 can be triggered and reset from IMP machine too for some analog modulation fun! Good thing about this is Kenton can handle pitches and gates, and analog seq handles modulation etc.

Re:Idea about future OSs of Elektrons for analog gear.

Posted by Test2 - 2012/03/05 21:28

great idea in the original post, just saw the new akai max49 controller which is going in this direction.

Re:Idea about future OSs of Elektrons for analog gear.

Posted by StinkyBeat - 2012/03/06 00:27

Test2 wrote:

great idea in the original post, just saw the new akai max49 controller which is going in this direction.

wow looks nice. If it only included 4 CV triggers assignable to the pads in addition to CV pitch and gate from the keyboard, I would have been sold. Still, nice to see products moving in this direction.

Re:Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/06 03:42

Had a reply from elektron : we won't see this happening ever.
Gonna check this Akai max 49.

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Re:Idea about future OSs of Elektrons for analog gear.

Posted by chapelier fou - 2012/03/06 03:44

Oh the Akai seems nice.
I'd put more than on CV/gate pair, though.

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