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## using mnm as 3band compressor/distortion ?!

Posted by paalaala - 2008/07/31 17:56

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yesterday i woke up and had a strange idea.

is it possible to build a multiband compressor with the mnm's abilities?

so you would have one stereo signal send to 3 inpAB "audio thru" machines, each seperatly filterd(low,mid,hi), routed to 3 "dynamix" machines, each send to one output pair.

the problem is the lack of one more output pair, because you have to route the filterd audio from "audio thru" to a "dynamix" machine and there would be nothing left to send the final signal to.

so i tried this:

set global routing to 3xstereo

:::track 1: "audio thru" machine "inpAB" to "AB" out bus --> INP127 this track lets you monitor the original signal

:::track 2: "audio thru" machine "inpAB" to "CD" out bus -->MIDs - INP127 - FILTER HiPass20-LowPass40

:::track 3: "audio thru" machine "inpAB" to "EF" out bus -->HIs - INP127 - FILTER HiPass40-LowPass127

:::track 4: "dynamix" machine "inpAB" to "AB" out bus -->LOWs INP64 - FILTER HiPass0- LowPass20

:::track 5: "dynamix" machine inpBus "CD" to "AB" out bus -->MIDs INP64

:::track 6: "dynamix" machine inpBus "EF" to "AB" out bus -->HIs INP64

don't forget to trigger all 6 tracks and setting the AMP envelopes so the signal will not cut off.

please be very carefull with ALL VOLUME and INPUT settings cause I am not responsible for any broken speakers :P

i twiddled about an hour to get everything working the way i wanted it.

the sound is quite, lets say dirty, its not really nice 3band compression, but you can use it as a multiband distortion/compression fx.

track 1 is quite handy for listening back to the original signal. compare track 1 with the others to find the right filter and volume settings, to get the signal through as natural as possible, before cranking up the compressors.

once you mess around with the compressor settings you will have SOME fun! :woohoo:

i used the mnm in the main mix insert of my mixer, so all audio (drums,pads,percussion,bass)went through the multiband machine.

it gets even more interesting when pushing the mixer faders up and down. every sound itself forms the whole sound.

i try to make some sound exsamples later.

:woohoo: have fun!!! :silly:

edit1: here we go:

[http://www.juno6.de/tmp/kit100\\_multiband.syx](http://www.juno6.de/tmp/kit100_multiband.syx)

<http://www.juno6.de/tmp/example1.mp3>

<http://www.juno6.de/tmp/example2.mp3>

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## Re:using mnm as 3band compressor/distortion ?!

Posted by hageir - 2008/07/31 19:17

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HOLY SHIT.

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## Re:using mnm as 3band compressor/distortion ?!

Posted by hageir - 2008/07/31 19:29

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I once made a row of 6 different input machines for use with a guitar and I got this amazing ENDLESS drone thing that had rhythm (bass kick 4/4 -not programmed, but taking place naturally!)

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### Re:using mnm as 3band compressor/distortion ?!

Posted by neonleg - 2008/07/31 19:36

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that sounds really nice paalaa.

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### Re:using mnm as 3band compressor/distortion ?!

Posted by ipassenger - 2008/07/31 19:52

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Damn it!! like i need more reasons to want a MnM!

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### Re:using mnm as 3band compressor/distortion ?!

Posted by actuel - 2008/07/31 21:08

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:lvl:

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### Re:using mnm as 3band compressor/distortion ?!

Posted by swiv - 2008/07/31 23:46

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really cool idea.. gotta try this one out. Example 2 sounds awesome.

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### Re:using mnm as 3band compressor/distortion ?!

Posted by hageir - 2008/08/01 01:00

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I wish Elektron would create more FX-machines for the MnM

like a huge EQ or a dedicated Limiter..

OH MAN, I've got an idea for their next product: an Elektron Mastering Piece  
it would have inputs and a few tracks to join a few machines in parallel and all kinds of masteringmachines:

Clean -Super clean, surgical machines for the digital world:

Limiters+Compressors

EQ's

etc.

Vintage -Dirty, imperfect machines with character:

Limiters+Cmpressors

EQ's

Tape distortion

Tube Compressors

etc.

Effects:

All kinds of effects, from Fuzz to delays to phasers to ringmods to isolators to expanders to what ever?

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## Re:using mnm as 3band compressor/distortion ?!

Posted by ThinkTanx - 2008/08/07 13:26

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All kinds of effects, from Fuzz to delays to phasers to ringmods to isolators to expanders to what ever?

Just a dedicated FX sequencer would so obviously be the shit!! It's so obvious they'll probably never make it. :laugh:

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## Re:using mnm as 3band compressor/distortion ?!

Posted by glitched - 2008/08/18 03:48

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I could listen to this sh\*\*t all day! Nice discovery.

I love cascading efx, but I never thought of doing it this way.

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