Elektron Hardware Setup

Posted by clipnotic - 2012/02/23 22:14

_____

Hello again,

my english is not the best, therefore I made a picture for you! :)

Can I do this with Elektron Hardware?

Which problems will I get? (Midi Latency, other problems ..)

Thank you very much for answer!

Sorry I'm not a graphic specialist but I posted that picture here, too in the first post:

http://music-society.net/index.php/topic,206.msg502.html#new

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Re:Elektron Hardware Setup

Posted by the dreammer - 2012/02/23 22:41

_____

Sorry dude, my german-fu is not strong..
and i think i have to register at the other forum to see a picture..

Frage 1 - Mehrspur-Audiointerface?
Yes, if you want multi-track recording.. you need an interface with allot of INPUT and OUTPUT.
and you need some multitrack recording software on your pc (think of cubase/sony acid/reaper/presonus one/sonar)

Frage 2 - Harddiscrekorder?:
I got one, a vs2400.. its awesome.. but.. its OLDSKOOL.. computers are more efficient.
besides, there almost as expansive as a brandnew pc with an interface card on it..
so, there is no reason to use hdd-recorder unless you find one.. (computer is cheaper/better)

Frage 3 - Mixer mit USB 2.0 Ãœbertragung:
Most of these mixers, only put the main-out on the usb-bus.. so its "stereo recording"
instead of multi-channel recording.. So, read the manual before buy.. it can be cheaper then a seperate interface and a mixer.. but.. hmm i prefer a nice mixer, and a nice seperate interface for this stuff..

Insgesamt gilt:

Also ich such jetzt nicht die zig Tausend EUR Megastudio LÃ¶sungen sondern sozusagen die trickreichen billigen Sachen!
If this means.. i dont want to spend allot of money.. sell your hardware and do everything in software... hehehe..
hardware is always more expensive.. and hardware wants more hardware.. computers just need to be replaced every X year.. or just add another vst :)
And yes, computers come with latency.. and midi jitter and crashes.. and instability
and you have to figure out how to set them up propperly.. (which can be a pain)

Anyways, I hope you can read this easier then i could read the german stuff..
and i hope it helps you out a bit.. but not sure..

Enjoy

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Re:Elektron Hardware Setup

Posted by clipnotic - 2012/02/23 22:46

_____

thank you very much for your help! And yes, working with software is easier and I do this, too but I like to built a good live

setup, too! :)

The questions in the other forum I can fix there but thank you for your good tips!

I zipped the picture here (I hope it works?):

 http://elektron-users.com/images/fbfiles/files/clipnotic_Hardware_Plan.zip

My main question is, can I work with Monomachine as a Master like on that picture to control the other hardware and will I get some problems if I do it like this? (Midi problems ... ?)

Mixers with USB 2.0 (with them you can record 18 tracks simultaneously!)

http://www.thomann.de/de/phonic_phhb24u.htm
http://www.thomann.de/de/alesis_multimix_16_usb_20.htm

an they're not so expensive!

EDIT:
Now, I have a problem with my first post here, too! I can edit but can't save it anymore! It seems to be locked? Sorry for doing something wrong here! I only tried to delete that other forum link and put the zip file there instead! :)

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Re:Elektron Hardware Setup
Posted by emnine - 2012/02/23 23:08
_____

I work with Mono as master and various midied synths just using the thru port.

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Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/23 23:08
_____

hmm, i dont open zippies from webpages, to scared of viri and all that. (sorry)
but here goes the standard midi-talk..

midi in midi thru -> machine B midi in.. AND machine C midi in..
So machine A can talk to Machine B and C directly..

or a midi merger (midi combining machine)
Machine B midi out AND machine C midi out -> merger -> machine A midi in..
Machine A can be controlled by MAchine B and C AT THE SAME TIME..

Hope this makes sence, heh..

Anyways thats why on the other forum they say buy a 8port midi-interface..
then you can have your computer do the routing/merging and all that..

hence, this is why I say.. Hardware wants more hardware..

1 groovebox.. and you can just use headphone..
2 grooveboxes and you need extra wires.. and possibly a mixer
3 grooveboxes and you probably need wires.. and for automation purposses a merger
4 grooveboxes and there is wires a mixer a merger and a thrubox
etc etc..

and if you do everything by computer.. you just need some software.. some monitors/headphones.. and a cheap midicontroller.. hehehehe
hence.. its cheaper :) after 20 years of making techno with grooveboxes..

i spend more on midi-mergers/thru-boxes/routers.. then i paid for my laptop
heheheh

==

Re:Elektron Hardware Setup
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@EMNINE:

And you have no problems with midi latency ... ? I like to sync 4 hardware synths with the monomachine and two of them will control with the sequencer, too!

@THE DREAMER:

Please trust me, I made that zip file self and don't put a virus in that! :)

And thank you again for midi tips! I think I understand that.

OK to fix the problems with that picture I try to explain step-by-step what I mean and with my bad englisch!

1. Monomachine = Master

2. Monomachine MIDI Out goes to MIDI IN of a MIDI Box like that:

http://www.thomann.de/de/kenton_midi_thru_5.htm

3. From that MIDI Box this hardware will control by monomachine:

- Octratrack (only Midi Transport signals)
- Machinedrum (only Midi Transport signals)
- Access Virus B (2 or 3 Monomachine Midisequencer Tracks)
- Korg Trinity (2 Monomachine Midisequencer Tracks)

And my question is, is this an optimal setup and can I work without problems like that?

So, can the monomachine control a setup like that without problems?

Have I something special to note with this setup ... ?

==

Re:Elektron Hardware Setup
_____

Yes, as you described it.. you have a 99% successrate (i dont say 100% cause, you never know, i had shitty midi-thru box once, my dtx did not work with it)..

What emnine says also goes.. you can "daisy-chain" everything.. if everything has midi-thru
(which is NOT the case in my studio, so i could not do that even if i wanted to)
For the machines which could do this.. i chained them all.. and yes it worked.. not noticeable delays or such...

Though, it was messy.. and well.. if you want to take out stuff.. you break your chain, and stuff stops working.. So, the thru-box is a nice idea, easier error-checking.. neater.. and easier to take something out.. use it on the sofa.. and plug it back after..

anyways, never heard bad of kenton midi-thru stuff, but never bought stuff from them..
my phillip reece thru-box was NOT compatible with my yamaha dtx.. so hmm.. I ended up with stuff from midi-solutions.. works like a dream..

Enjoy..

==

Re:Elektron Hardware Setup

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Some of my stuff was made as follows:
Mono master -> midi out to MD midi in > midi thru to NL2X and midi out to MFB drum machine (because both have no THRU port) and it worked. The maximum number I did was 4 or 5 units.
No problems encountered.

==

Re:Elektron Hardware Setup

_____

ok, thank you that are good messages! :)

I think I will try it with that Kenton Box, it's not as expansive as a MOTU ...

And it's good to know, that I can work with MIDI Thru only, too!

Hardware vs software:

I worked 5 years with hardware, then I worked 10 years with software.

With my good software setup I can make tracks and remixes very easy and fast and I have many VST plugins like Omnisphere, Sylenth, Vanguard, Surge, z3ta2, Synplant ... and If I program them myself, they sound good and I could produce some releases with that setup, too.

So, yes with software today you can do many things

The reason I go back to a hardware setup is:

1.
I think it looks really terrible if musicians only go live with a notebook! :) Yes it works but ...

2.
I think the Elektron Sequencers are very creative and with that special workflow of them, I can do other things like my typical mouse and controller work with my software?

For example I tried to clone that Parameter Locks Feature in my DAW - no Chance! Yes I can do many modulations tricks with drawing modulations ... but it's not so freaky like in an Elektron sequencer ...

3.
There are many great software plugins available but especially the monomachine sounds and Korg Trinity, too, are hardware synths I don't find a really good software alternative which can sound like them?

OK, the Access Virus is a standard VA Synth, which can easily replace with plugins!

4. Today some great hardware synths are very cheap!

For 15 years I paid 5000 DM (3000 EUR) for a Korg Trinity. Today I bought one for 349 EUR in good condition! My Omnisphere did cost 369 EUR!

==

Re:Elektron Hardware Setup

_____

Well.. it sounds, you got a plan.. you got most your stuff :)
get cracking :)

only reason i use laptop.. is because its easier to sit next to my misses with a laptop and an octatrack while she watches her soaps :) if she not at home.. i do it with hardware :)

===

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 00:10
_____

Yes it's really handy to work with a mouse and a pc and a controller and I can sit really cool in my chair! :-D

But I think it's different to work with hardware and I need a creative change in my music.

OK, a big problem today is, that many hardware products are not better than software and more expensive, too!

I would never buy a Virus TI2 or a Tempest or a Rhizome ... for that current prices.

Yes that are good machines but for that money you can really get more and very good software!

Elektron still is a little bit special and I don't know alternatives (hardware and software) ?

And my music is oldschool, like a little bit Kraftwerk and Anthony Rother and LFO ... not as good like them but I'll try! :)

It's just an experiment and I think I will have many questions for that forum here, too in the future! :laugh: but I'll try and if it's not working I can sell that machines on ebay for the same price I bought them! So it's only a time risk!

===

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 00:56
_____

The octratrack is the newest thing in my studio... everything else is 7years old, or older :)

what is getting more and more problem for me is.. being standalone...
when i buy stuff. I usually buy it.. because i want an Extra trick.. or a certain sound..

so, i just want it to eat propper midi without usb interface.. and eat audio via normal inputs.. and spit out audio via normal inputs.. and this is the biggest: i want to be able to use 99% of its functions without a computer...

My guess is, the older i get.. the more stuff will come without oldskool midi.. but more with that usb-midi.. and not seperate audio-outs.. but only a mainout.. rest of it via usb..
so one day.. U cant do it without computer.. heheh.. or your really really really oldskool..
(and, that computer, could be some i-pad typo-deal...)

===

Re:Elektron Hardware Setup
Posted by JES - 2012/02/24 02:00
_____

The OT is great and I love mine, but there are also in-between solutions that you should consider, which are considerably less expensive and more "bang for the buck" (with all the standard computer disadvantages too) if you're worried about money (or, just save up!):

NI Maschine--good for sequencing, etc. MPC-style workflow, sort of, and controls all your softsynths
Five12 Numerology combined with something like Live (though you can actually do most stuff in Numerology at this point). However, to get the most out of it, you NEED a Launchpad.

And as Dreammer points out, even with an OT, you'll probably still need a computer for editing samples, backing up, etc. unless you're only sampling other instruments in your setup.

===

Re:Elektron Hardware Setup

Posted by clipnotic - 2012/02/24 02:01

_____

Yes, standalone was and is really a problem! That's the reason I planned my setup with different synths syntheses:

The main problem is, that many manufacturers always built complete new machines with new sound engine and new here and there ... and don't integrate the good old things there., too.

As I was young I played with grooveboxes, too (MC 303, 505 ...) and the MC 909 for example was a good concept but Roland never finished that concept. The MC 909 still has some bad bugs so you can use it but you can't use it only standalone if you wan't to produce a high quality track ... ok some freaks perhaps can do this ?

OK, with Elektron it's a little bit similar. I think, the Monomachine would need some more other filter types and some more new machines, too ... then perhaps I wouldn't need 4 other synths, too? - but who knows what comes up in the future from them? What I like from Elektron is, that they improve their old machines continously. That's a good strategy and perhaps some day you can upgrade Monomachine / Machinedrum with an USB Port?

And yes, USB Audio and Midi will become standard but many of that modern synths sound like plugins but are more expensive!

For example the Virus TI2:

It's has a big and modern technic but its sound hmmm ... I think you can replace it with Omnisphere, Trilian, Sylenth and Vanguard together and save a lot of money. This plugins you can buy for 750 EUR together and can use them easily with many instances in your daw without hardware mixer ... so what is the need for a Virus TI2 if you still have a good PC, with DAW and great plugins and want to work with your pc? For live ... ok but for DAW?

Or look at the Korg Kronos:

It has many syntheses and a great sound .... BUT the sequencer is terrible - so only for that you need to use a brakelight Kronos Plugin, too ... so you pay 3000 EUR for a all-around entertainer keyboard with fantastic sound but nothing more! Please, don't show this post the Korg Forums - as I posted my opinion about the Kronos there, they hated me! :laugh:

If they will create hardware in the future which can do special and freaky things, like the Elektron sequencers for example, which you can't do with your DAW or plugins, then PCs will become old! :laugh:

Especially freaky and integrated sequencers in a hardware product are the goal for me!

And I found this, too:

http://www.synthtopia.com/content/2011/07/15/kenton-intros-usb-to-midi-interface-eliminates-need-for-computer/

:)

And yes you are right! For edit-, cut-, samples work I prefer my PC, too and will still use it for that and fast remixes ...

==

Re:Elektron Hardware Setup

Posted by jonah - 2012/02/24 05:00

_____

In the picture you posted I don't think the OT is in the optimal position at all and there are some other areas that I'm unsure about.

1) Do you own everything pictured now except the OT?

2) You should be feeding the OT audio, probably from sends on your mixer. There are a few different ways to do this depending on how you use the cue outs.

3) I thought that the OT was the "better" sequencer? If so, I think I'd use it to sequence the other gear and take in the other gear's audio to process.

4) Your mixer doesn't have MIDI in, at least in the picture. This would be very useful especially for live use. I guess maybe with the USB on the mixer you could feed your master sequencer into cubase and then have cubase send the control to the mixer. I'd worry about latency though.

5) Is the trinity a rack? If not, why not use it as a master keyboard?

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 05:28
_____

@JONAH:

Thank you very much, too!

1.) No, I still bought:

- Trinity Rack
- Access Virus B
- Monomachine

I still look for a good price for Maschinedrum and Octatrack :)

2. I Octatrack I have to test, too and I'm not sure if I should buy it for what I want to use it:

Normally I don't work with Loops but sometimes with some Vocals and I only would use it to create some vocal sample phrases there ...

3. So, I don't know if Octatrack is the better sequencer? That's a good question!

4. Midi in a mixer is really new for me! :)

I thought I use the mixer only to record 18 tracks to Cubase to great Single Tracks for remastering.

And for mix I thougt I look for a good digital Hardware EQ and Compressor for the Aux Sends of the mixer?

Because I buy this equipment to work live without a pc, too

5. Yes it's a rack

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 05:47
_____

not allot of mixer actually do midi..
i know some dj-mixers do it (send and recieve stuff).. and i know some oldskool studio mixers
(think of 1990's 3meter wide mixers) to do not allot more then channel mutes.. some do faders..

So looking for a mixer, with midi mutes , fader controll and such.. it might take you some time 2 actually find it..
if you look for those digital mixers (bring out the "big bucks" do this type of stuff.
think of a behringer x32 or something.. they got it.. but heh.. expansive..

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 05:55
_____

I don't understand the advantage if a Mixer has Midi?

OK, it would be great if Cubase is used as the main sequencer and controls the hardwaresynths but I thought to use the sequencers from Monomachine, Machinedrum and perhaps Octatrack?

Now, I'm a little bit confused ?? :silly:

That Behringer Mixer costs 3000 EUR !! :blink:

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 06:10
_____

Turn it around.. thats more practical way of looking at things..

some mixers, can be a "hardware control unit" for your daw..
so when you move a fader on your board.. the fader in cubase also goes up and down..

My mixer / harddisk recorder, is more oldskool (like working in the 1990's but in a more 2000 era type of technology thing) there is a seperate sequencer in my recorder.. that can control
the faders and the mutes. and even the fx if i wanted to (internal fx-cards type plugins) and all this works with midi..

then again.. these days.. i would use my mixer for "input sweetening / routing / leveling" then send the nice stems (combinations of audiotracks) to my computer.. and use a cheaper controller.. to control the mutes and fx and all that in my computer..

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 06:16
_____

ah ok now I understand it better! I can do this with the faders from my Masterkeyboard.

And yes I thought about a harddiscrecorder, too. for example this one:

http://www.thomann.de/de/tascam_2488_neo.htm

Perhaps I could buy it a little bit cheaper if its used .. ?

But I'm still not a specialist with harddiscrecorders !

And with a harddiscrecorder like that I could save the money for a mixer or?

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 06:29
_____

Hmmmmm.. tough one to say..
i really like my harddisk recorder.. then again.. I only got it, cause its "the sister" of a sampler i got in another studio.. and i needed a mixer/recorder for a small project with a guitar player and some other "small" projects while i am away from the other studio..

if i was not so old, and set in my way.. i kinda think i rather buy a decent audio-interface and a bigger mixer :) if i had to start again.. so hmm.. harddisc recoders.. only when you need to, or you have a good reason..

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 06:45

_____

Yes you are right again! That's my problem I don't know what is better?

If I use a harddiskrecorder, I have EQs in it and can save their settings and record my tracks ...

With an audiointerface and a big Mixer, I can do this, too and have some advantages from my PC DAW

But it's a price question, too!

Big 24 Channel (or more) mixers can be expensive and a good audiointerface, too!

I have a RME HDSPe AIO soundcard and yes it's a very good soundcard but an RME expansion with many inputs is very expensive!

So expansion and a good big mixer together cost much money, too!

What are the disadvantages between your harddiscrecorder or working with DAW ?

And by the way, really thank you all here for your help and ideas! It's a great forum, here!

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Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 07:14
_____

Hmmm .. thats a difficult question:

dissadvantage 1: my harddisk recorder ..
It does NOT have usb OR scsi to export stuff.. it has a cd-drive..
that means, everytime i want to export something.. i have to use a non-rewritable cd..
this costs me a few cents per export.. so making a song with allot of swapping between the software and the hardware side of things.. "expensive" to make..

The good side of this: because its a hassle.. you only do it, when you actually have "good stuff" .. and you start to throw away badstuff..

A pc, aslong as the data is in your pc.. you can swap it.. export it.. manipulate it in EVERYTHING.. and does not cost you a cent... extra cheap.. and cheap is good..
the badside of this: If you dont learn to be a librarian, and store things in the good way (hehehe, and i think most cannot).. you end up with terabytes of unwanted stuff..
because its so easy, you put every fart on soundcloud thinking your a good producer, because "you have something"

A good thing about my recorder... No latency what so ever.. then again.. i did run into some trouble with the midi-clock.. and that still gives you weird drift now and then.. and here is a bad thing: unlike a computer, there is nothing to "hack / change driver/ change buffer"

Good thing about computer... there is always (even though sometimes its allot of effort and googling) a way to get things working and in total sync.. bad thing.. if your not a technology-geek.. it can be a freakishly daunting task to get everything working and synced up and all that..

Bad thing about my recorder.. It cannot be expanded more, then it is now.. it does have an rbus connection.. but thats one is going 2 be connected to my sampler (an mv8800) someday, when i return to the bigger studio.. so.. heh if i run out of inputs.. thats it..
good thing about computer.. hooray, just add more ports.. sometimes difficult with laptop.. but a desktop computer.. heheh is really expandable with all kinds of stuff..

and that good thing, ever expandabillity of a computer.. is also a bad thing.. atleast with hardware.. someday you run out of something, so you just cant "add more" anymore..
like i cant really control more then 32 midi-channels (with that mv8800).. i can always add an mpc.. but still :) i dont see myself with 16 monosynths per midi out (which would be around 64!!!! monosynths attached to an mpc..)

Good thing about my recorder... no upgrades.. so aslong as it works.. it will have the same interface. nothing new to

learn.. so you learn your stuff inside out.. you kinda have decades to learn.. (took me 10 years to learn all the functions of my mc909.. and took me 7years to find out what EVERY in and output of my analog mixer actually did) .. but yeah :) i was really thorough in my quest hehehe..

and also a bad thing.. its as good/bad as it is now.. roland will never upgrade it or make new firmware for it... ever again... and once something breaks.. its dead.. i dont think roland will keep spare parts for the next 10 years..

So computer.. I see it as something you buy now.. and use for about 4 years.. and after 4 years.. there is probably new software for it and all that... you upgrade.. some stuff
more memory and all that.. and after another 4 years.. you have an ancient computer..
and none of it is really compatible with the "new stuff and the new computer" so you prob will buy.. a new computer.. and find new software.. and replace the interface because of driver trouble with the new windows.. and maybe your controller (because its old.. and kinda crappy after 8 years of use.. and unlike instruments.. nothing really diy reparable.. and to expensive to send it to repair shop..

and thats basicly the advantages and dissadvantages i can think of, just sitting down with my cup of tea.. might be more.. but hmm then i really have to sit down for it..

enjoy your reading..

oh, and if your getting curious what i do with all my stuff and knowledge and all that..
here is a little shameless selfpromotion :) http://www.muzu.tv/dreammer ..
the older videos should show glimpses of my shiny stuff in the other studio..

==

Re:Elektron Hardware Setup
Posted by jonah - 2012/02/24 07:28
_____

clipnotic wrote:

2. I Octatrack I have to test, too and I'm not sure if I should buy it for what I want to use it:

Normally I don't work with Loops but sometimes with some Vocals and I only would use it to create some vocal sample phrases there ...

You can get complicated with the automatic recording so it won't sound loopy, you can use it as an effects processor and the MIDI sequencer is good too, but unless you plan on really playing with the audio live I think there are much cheaper hardware devices to playback samples.
clipnotic wrote:

4. Midi in a mixer is really new for me! :)

Because I buy this equipment to work live without a pc, too

Live If you do songs rather than "mega-mixes" it can be really helpful to quickly and accurately change the levels across all tracks. As far as mixers with MIDI, in the states at least, the Yamaha 01v is good value used.

I use my laptop and it's sound card as a mixer live. A lot of soundcards offer a low latency mode that just passes the audio through and changes volume without going into the computer.

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 07:30
_____

@The Dreammer:

Great! Thank you for your good explanations! I see I have to think about some things a little bit more!

And your music is good!

"Do the fidget" is a fat track! I will share it on facebook!

And yes you are a great dancer, too. Now I watching your moves in "No Logic" :)

Really good music!

I will listen more tomorrow! In germany now is midnight and I have to work tomorrow but I will come back here, it's a good forum!

Ah and if you like to listen to my music - you can do it here but that songs are not remastered yet, and only my mix versions and that music needs a little bit more freaky charakter :)

http://www.myownmusic.de/clipnotic

(scroll down and click on the track titels there)

@JONAH:

Thank you! That's good to know about Octatrack! I thought it could be good to freak with vocals. But first I will test it before I buy it.

And if you work with your laptop how do you connect your mixer / your hardware setup with it - which expansions with many inputs do you use?

I will look for that mixer, too.

OK, now I have to finish but tomorrow I'm a here again! I can learn many things from you guys here !

Really thank you!

==

Re:Elektron Hardware Setup
Posted by emnine - 2012/02/24 17:58
_____

FYI - I use a Yamaha AW1600 for recording. I do mixdowns on it, export the 24bit stereo file to PC via USB and do the last finishing touch in Soundforge.

Advantages of the Yamaha HDrecorders:
-midi ports
-usd hub for transferring files to pc
-interface pretty ok for a Yamaha unit

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 20:10
_____

@EMNINE:

Thank you!

I looked for a Yamaha AW1600 and yes it's not expansive an looks useful!

But it only has 8 inputs ?

How can you create single wave files of every single instrument with that?

My songs mostly have 12 - 22 single tracks and for remastering I need every single instrument as a single track!

And sorry if my questions are a little bit noob - I'm really new in hardiscrecorders and never used one!:)

@JONAH:

I looked for a Yamaha 01v, too and found this one:

http://www.ebay.de/itm/Yamaha-01V96-Digital-Mischpult-Excellenter-Zustand-
/180821586765?pt=Mixers&hash=item2a19ce734d#ht_1403wt_1187

Do yo mean a mixer like that?

@ALL:

what do you think about something like that:

http://www.thomann.de/de/focusrite_saffire_pro_40.htm

and how does something like that work? Have I connect this with my soundcard or has it one integrated ... ?

With that I wouldn't need a mixer and could use my DAW Mixer ... but then I would have problems with latency .. ?

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 21:53
_____

The latency can be compensated.. though, i dont use computers like that..
so i cannot exactly explain you how or what..

So you created a few questions for yourself by the looks of it..

Question 1: how much do you hate computers..
if you dont.. less reason for a harddisk recorder.. more reason for pc
if you do.. harddisk recorder.. less reason for pc

Question 2:
Do you think you will buy a really big collection of synths/drumcomputers..
If so: if its more then 4.. you can run into input problems on a harddisk recorder
so you have to get a mixer... mixers come with the problem that they dont provide a big load of stereo channels.. so you
have to combine mono inputs.. So more reason for pc
if not.. then harddisk recorder can suffice.. less reason for pc

Question 3:
How many tracks do you use??
i read something about 22 right? i got a chunky harddisc recorder.. it can MAX record 16 inputs at the same time.. thats
less than your 22... sure mine has 24 tracks.. but.. this mean 2 separate takes, and some rerouting (its less fun as the
manual says)
the other thing is.. you might get compression and eq maybe even reverb per track on a harddisk recorder.. but they dont
come with multiple fx (mine is tricked out to have 4 stereo, or 8 mono.. which sounds great.. but to use the 8 mono.. you
have to play with panning and all that.. brr) so.. even though for my use.. its handy... I think most techno/elektro people
will just "run out of fx"
So A WHOLE LOT of channels.. and A WHOLE LOT OF FX.. is more reason for pc
if you think you can do it with the minimum.. and be a hardcore technofile, less reason for pc (though some people get to
know their pc and software so good, they can be considered hardcore technofiles too..)

with the small amount of gear i work with now.. it al works.. but when i combine it with the other studio room.. i will run
out of inputs.. and depending on how far i come with my dreams, will decide if and how i hook "everything" up.. if i really
hook up everything.
i think i will end up using a computer.. just because of the size of the mixer i have to use..
(think of one of those behringers i talked about)..
then again.. knowing myself.. i prob say its to expansive, and i am not famous enough.. and just choose what gives me

the propper tools to make the next project.. hook it up..
film it.. and put it on the internet.. heh.. there is a thing as "2 big for what you want"..
and well i am at the limit myself.. almost every adition will just be "overkill".

:) what a nice way to enjoy my coffee.. a page full of soundfilosofy..
btw clipnotic.. i listened to some of your music yesterday.. I liked it..
i dont hear reason to doubt your current setup.. it sounds groovy enough

==

Re:Elektron Hardware Setup
Posted by emnine - 2012/02/24 22:11
_____

clipnotic wrote:
@EMNINE:

Thank you!

I looked for a Yamaha AW1600 and yes it's not expansive an looks useful!

But it only has 8 inputs ?

How can you create single wave files of every single instrument with that?

My songs mostly have 12 - 22 single tracks and for remastering I need every single instrument as a single track!

And sorry if my questions are a little bit noob - I'm really new in hardiscrecorders and never used one!:)

True, only 8 inputs. If you go for the AW2400 and expand it you can go far beyond that.
Personally, limitations are what keeps me going. I'd rather tweak everything in advance and record a stereo out mixer and do several atttempts if necessary. Sofar music is just a hobby so I'm pretty happy with this workflow. No need to go into frustration zone with a part-time occupation ...

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 23:15
_____

@The DREAMMER:

Thank you for listening my music! Yes I can work with my plugin setup but it's only a mouse game and want to integrate some hardware which I can't reproduce with my software setup. My music needs some more specials! :)

Question 1:

I don't hate computers but using them live looks a little bit strange for me. I will concentrate my work on the machines I work with and not on the computer.

Question 2:

No, my hardware setup will be:

- Monomachine
- Maschinedrum
- Virus B
- Korg Trinity Rack
- Sampler for Vocals

This is enough for my music and has all sounds what I need so I think this setup is fix.

Question 3:

Yes, that are many channels and I look to reduce them to get the 16 Channel goal.

FX like Reverb and Delay I will use with my hardware machines

What I need is EQ and Compressor for Sidechain ...

My current music which I made with my DAW use not many FX from the mixer. Mostly I work with different delay settings and some EQ-LowCuts and sometimes I use a compressor for sidechain or cut some peaks.

To bring my tracks up to a big sound I work with a mastering studio! :)

I visited a music equipment dealer today and he showed me this digital mixer:

http://www.thomann.de/de/presonus_studiolive_1602.htm

Perhaps it could be a solution? It has Firewire and Midi ...

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/24 23:20
_____

Ah, that presonus thing.. that might be a very nice idea..
let me think about that for a while..

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/24 23:40
_____

Yes it looks good.

He told me, that there are only to possibilities I have:

- this Presonus mixer

or

- a MOTU Setup with additional expansions for more inputs ... which is as expensive as that digital mixer.

And I still don't understand that MOTU way with that expansion ...

I only want EQing and using a compressor on my single tracks and record them - nothing more :)

With a mixer like the Presonus I could do all EQing ... in it and to produce single waves for remastering I could work with the firewire to record them on my pc or use it as a live mixer, too.

But it's a new product and I don't find tests ... for it

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/25 01:11
_____

Hmm..

When i look at the machines your talking about.. I count 5! stereo outs..
(1 for each machine) .. and as extra i some can do even more outputs (like your mnm and md and the virus)..

thats probably why that music-seller says motu + expansion.. I guess that those motu things dont have more then 8 inputs.. so you be 2 inputs short.. they probably have some adat connection so you can add another 8.. but hmm thats a motu + adat thing.. (then you have 16 inputs).. aparantly the motu + adatthing is the price of a mixer :)..

the good thing though.. the motu will also come with outputs.. this can be crazy fun.. if you use your machinedrum / virus /mnm as a filter.. heh, in my studio everything with an input = more fun :)... stuff like octatrack even has 2 stereo inputs (or 4 mono). which.. if you figure out how the sampling works.. you can do weird stuff with it.. i had fun results sampling my xoxbox on the fly..

and thats what i miss on the presonus thing.. nice subbusses which only come with the bigger ones.. (which are expansive)..   sure you can use the 4 mono auxes.. but
hmm if you like some filter. just plug m into a subbus...   in the other studio .. i use subbusses to get bunch of channels to 1 filter.. or 1 sampler.. heh.. press the bus button.. and poef into kaospad or the sampler.. or something into kaospoad and then into the sampler..

routing can be awesome..

in all other ways that presonus looked like a beauty.. so i dont say its a shitty table.
i just miss something..   if you never use your machines as a giant filterbox.. who cares about busses.. for the other stuff aux works fine..

===

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/25 01:26
_____

Yes that's it! :)

MOTU with expansion is as expensive as that mixer!

And I think if I connect the outputs of all my hardware machines freaky I can work with 16 channels!

And yes your filter tips are interesting, too hmmm

It's really not easy to create a perfect setup because the really big machines are very expensive ...

EDIT: Another question

How good are Machinedrum and Monomachine really for internal mixing? Can i do things like LowCuts with that build in EQs? Perhaps I can save some more Outputs, too and get an 8 channel goal?

I made a thread in the Presonus Forum, too, to ask all my noob questions about that mixer:

http://forums.presonus.com/posts/list/0/20640.page#145204

Let's look what Presonus users think about my plan, too! :)

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Re:Elektron Hardware Setup
Posted by jonah - 2012/02/25 04:41
_____

The some focusrite and MOTU soundcards can save the audio settings right into the hardware. I have a focusrite and it uses "mixcontrol" software. Mixcontrol is confusing...http://www.youtube.com/watch?v=M1avPHhiGw8

The Yamaha 01V96 is the updated (much more expensive version!).

http://www.ebay.de/itm/YAMAHA-01V-Digital-Mischpult-Effekte-Digitalmischpult-Mixer-OVP-1J-GEWAHR-/320855645366?pt=Mixers&hash=item4ab47c9cb6#ht_9120wt_1281

http://www.soundonsound.com/sos/jul98/articles/yam01v.html

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Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/25 05:28
_____

WOW ! This digital mixer is from 1995 and has so many channels and is really cheap ??

Have I something to note because it's so old ?

Why today, they are so expensive?

In another german forum I got this solution with an audiointerface, too:

MOTU 828 MKIII Hybrid or Focusrite Saffire Pro 40

and with ADAT:

Behringer ADA-8000

= 16 Line Ins

So now, that are the possibilities:

1. Audiointerfaces with MOTU

2. Presonus StudioLive 1602 or Yamaha 01V

3. Yamaha AW2400

===

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/02/25 18:37
_____

Nice isnt it, all these options...
hehe, i bet now you understand why it takes some people 30 years before they have their dreamstudio :) just because it takes a long time to sort everythign :)

===

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/02/26 05:01
_____

Yes, and there are still more possibilities :)

RME FIREFACE UC
and with ADAT
Behringer ADA-8000

or

Echo AUDIOFIRE 12
is Firewire

but with 2 of them you have 24 Line In!

and this audiointerfaces are not expansive
but for midi sync you'll need an extra Sync Clock

It would be great if all manufatures would work together to built one big machine together with all wishes included :)

==

Re:Elektron Hardware Setup
Posted by clipnotic - 2012/03/01 03:51
_____

Well, I'm still searching for the best option ... :laugh:

But I think this Yamaha machines are good possibilities because of a better live option and I can sync my DAW with Midi to my hardware synths and can put some Line Outs from my PC in a Yamaha mixer, too. So, it's possible to work with VST Synths, too in a Yamaha mixer.

But the question is, which Yamaha Mixer should I buy?

- Yamaha 01V

or

- Yamaha AW2400

or

- Korg D3200

All of them I could get cheap!

==

Re:Elektron Hardware Setup
Posted by the dreammer - 2012/03/01 05:31
_____

count all the inputs on your machines..
count all the outputs on your machines..
and see which option comes closest :)
remember.. its not just audio from pc 2 mixer
but also audio from pc 2 mixer 2 machine 2 mixer 2 pc .. for the most awesome
fx chains :)

==

Re:Elektron Hardware Setup
Posted by RubixGroove - 2012/03/01 06:27
_____

Dreammer's got the right idea!

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Re:Elektron Hardware Setup
Posted by neonleg - 2012/03/01 08:38
_____

clipnotic wrote:

Echo AUDIOFIRE 12

is Firewire
but with 2 of them you have 24 Line In!

and this audiointerfaces are not expansive
but for midi sync you'll need an extra Sync Clock

yeah i had this setup, but for me 24 analog in/outs was not needed so i sold one audiofire 12.
i dont know what you mean by "but for midi sync you'll need an extra Sync Clock" i had no issues with this rig and AF12 sounds very good. it will run standalone like a summing mixer without the computer. still have one but now using sycos stereo. you could use a ZED r16 mixer but i'm not impressed by the noise floor on the ZED10, different puppies!
try not to buy behringer mixers, presonus? meh. but your other options are ok. oh, and get an OT!

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