

Alternative mixer layouts

Posted by hugly - 04 Mar 2019 23:07

There are many possible layouts for audio mixers.

This mixer below shows PPM's with numbered scales from 0 to -50 dB which represent sound levels indicated by the level meters. In this case, with 4 stereo tracks, the tracks are paired to the faders (4 faders associated to 8 channels). The second scale, left hand side of the sliders, is for the faders and it isn't numbered. Gain adjusted with each fader is displayed on top of it. The rectangular areas below of 'EQ' represent adjustable channel balance and panning which is placed in the signal chain after input (Audio 1-4), prior to the master bus (Main 1). Although this instrument is lagging a peak hold function, I find it not so bad to work with.

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Re: Alternative mixer layouts

Posted by RWAV - 05 Mar 2019 00:42

Leaving alone just how inappropriate this double track single fader layout is for LW; as described this piece has only a gain fader no level fader. Is that right? And the gain fader, is one to presume, would be controlled by a timeline style of node based automation?

Or perhaps this picture is just a show-and-tell from 'elsewhere' and has no relation to a discussion about LW?

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Re: Alternative mixer layouts

Posted by hugly - 05 Mar 2019 01:42

FWIW

That shows a mixer I like even more, because it provides a clipping indicator with a peak hold function per channel.

Also in this case, we see a PPM with numbered scales starting at 0 which represent sound levels indicated by the level meters, but different from above with no scale for the faders at all. Gain is indicated by a tooltip next to the fader and a numerical display on top.

It's the mixer of Reaper. I use the 'Reaper' export function of the Pro version of Lightworks for interchange, very convenient.

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Re: Alternative mixer layouts

Posted by briandrys - 05 Mar 2019 03:00

The advantage of the current LW arrangement is that it's compact. Since you can only use the mixer for setting an overall track level, rather than being used like the faders on a mixing desk for true mixing, taking up more space for the faders doesn't really offer an advantage for users with small laptops.

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Re: Alternative mixer layouts

Posted by RWAV - 05 Mar 2019 07:14

Not sure how that arrangement might represent mono iso tracks or an odd number of tracks in a poly track file, or even a poly track file of any kind.

briandrys is on the money - LW is well ahead of the game with uncluttered design and well accessible features. On the full featured Flexible layout LW mixer panel there are level settings for each channel, all sub-mixes, as well as mix bus or direct routing to the an output.

On the edit timeline there are separate node based level controls for each track and also for each track a shot by shot adjustable gain control.

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Re: Alternative mixer layouts

Posted by hugly - 05 Mar 2019 08:17

What impresses me much is the scale on the level meters.

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Re: Alternative mixer layouts

Posted by briandrys - 05 Mar 2019 12:41

The LW meters are pretty good when it comes to scanning the levels across a number of tracks and you can quickly spot the ones that are going over the 0dB level.

EDIT Please see this regarding the use of the faders in the LW mixer: www.lwks.com/index.php?option=com_kunena&func=view&catid=8&id=20460&Itemid=81#82845

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Re: Alternative mixer layouts

Posted by hugly - 05 Mar 2019 12:57

Sure..

.. with faders at zero, they are.

Re: Alternative mixer layouts

Posted by RWAV - 05 Mar 2019 16:07

[quote="briandrys"; post=194184]The LW meters are pretty good when it comes to scanning the levels across a number of tracks and you can quickly spot the ones that are going over the 0dB level.

Hugly your response does not address the above, it is a return to a topic which has been exhausted and locked in more than one guise. If this becomes a return to that it will quickly follow suite.

The LW developers are very wise and clever people one has no doubt that in the version where significant audio changes are mooted, V15, they will address all matters and no doubt with the move to 32 float audio processing will review all aspects including meter scaling protocols.

If they need reference high performance third party examples then it is my view they might look here and not at the tacky, amateurish examples you have posted. LW is very much better than that.

As it stands one must question the relevance to LW of this topic. You have shown a couple of clumsy fader interfaces your only LW specific reference has been an attempt to revive a conversation in which you have already been discredited by the majority of high level experienced and qualified contributors. Take care.

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Re: Alternative mixer layouts

Posted by jwrl - 05 Mar 2019 16:29

I have locked this thread. Hugly, you have already been warned about this campaign of yours to prove how bad Lightworks is. You are costing Lightworks potential users. The next one of these that you start will get you blocked.

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