You can automate the crossfader!!!

Posted by Laughing Animal - 2012/03/30 08:25

Not sure if this has been discussed yet, but I was just looking at the midi control parameters that were added in 1.1 and noticed Crossfader - CC#48. So I plugged a midi cable into the OT's midi in and out, made sure there was no sync or transport being received, and set audio cc out and audio note out to INT (not sure if this part is necessary, but I do it anyway). Set a midi track channel to an audio track (doesn't work if set to autochannel), set a CC knob to 48, and automate/p-lock away.

You can do the same with scenes to get even crazier (scene a-cc#55,scene b-cc#56). :woohoo:

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Re:You can automate the crossfader!!!

Posted by c0rpse - 2012/03/30 12:27

So epic!!! Thank you!

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Re:You can automate the crossfader!!!

Posted by Nils - 2012/03/30 14:06

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^ Nice!!

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Re:You can automate the crossfader!!!

Posted by anselmi - 2012/03/30 14:52

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impressive!

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Re:You can automate the crossfader!!!

Posted by maelstrom - 2012/03/30 21:00

.oO

if we can automate the crossfader via midi cc, then there is actually no reason that the crossfaders movement can not be recorded, or am I forgetting something?

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Re:You can automate the crossfader!!!

Posted by the dreammer - 2012/03/30 22:19

Your forgetting that the crossfader itself does not send out midi..
the os in the octatrack can recieve midi, and tie it to the "crossfader" but thats more the os..

Lets say i want to sequence my octatrack from my mv8800... i can jiggle the crossfader what
i want.. but no midi-recieved.. so i gotta tie some controller to CC48.. jiggle that knob
and voila.. "crossfader movement" recorded.. but for some unknown to me reason.. the fader does not send out midi..

I am not so keen on being able to record the crossfader in a pattern itself. (that would prob just annoy me for various reasons).. but... in arranger mode.. it be great if you had a seperate
"channel" to record mutes and solos.. and another channel "to save knob movements in" and yet another one to record the crossfader...

so basicly.. you program your song.. add fx with your knobs.. add some mutes for nice dramatic buildups.. and record the movement of the crossfader to put icing on top..
as in.. build the complete song in the arranger without a sequencer next to it record that stuff that the arranger does not record..

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Re:You can automate the crossfader!!!

Posted by darenager - 2012/03/30 22:29

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so basicly.. you program your song.. add fx with your knobs.. add some mutes for nice dramatic buildups.. and record the movement of the crossfader to put icing on top..

Then stream the output to record direct to CF card...:laugh:

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Re:You can automate the crossfader!!!

Posted by tjebbe - 2012/03/30 23:06

Wow So This means I can use the Monomachine midi seq to control and record scene and crossfader movements and just send them to the octatrack mmm sweet this gives you infinite scene crossfader madness ! Thankz Man !

this will increase my crossfaders life span hehehe:laugh:

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Re:You can automate the crossfader!!!

Posted by the dreammer - 2012/03/30 23:13

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darenager wrote:
so basicly.. you program your song.. add fx with your knobs.. add some mutes for nice dramatic buildups.. and record the movement of the crossfader to put icing on top..

Then stream the output to record direct to CF card...:laugh:

oh yeah, i forgot about that.. but yeah.. good addition..
that basicly mean complete song in 1 machine without weird hacks/workarounds..

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Re:You can automate the crossfader!!!

Posted by jonah - 2012/03/31 02:54

I'm gonna go try it to see, but couldn't you use a physical MIDI cable loop to use the MIDI tracks to sequence the crossfader now?

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Re:You can automate the crossfader!!!

Posted by GeneralBigBag - 2012/03/31 03:06

Nice!

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Re:You can automate the crossfader!!!

Posted by Laughing Animal - 2012/03/31 03:35

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jonah wrote:
I'm gonna go try it to see, but couldn't you use a physical MIDI cable loop to use the MIDI tracks to sequence the crossfader now?
Yes, that is what I describe.

the dreammer wrote:
Your forgetting that the crossfader itself does not send out midi..
the os in the octatrack can recieve midi, and tie it to the "crossfader" but thats more the os..

The strange thing is is that my midi thru splitter flashes when I move the crossfader, indicating that the crossfader is in fact sending signals. I haven't actually tried to verify what is being sent though.

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Re:You can automate the crossfader!!!
Posted by Veets - 2012/03/31 04:32

Great trick!
:lvl:

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Re:You can automate the crossfader!!!
Posted by Umazeki - 2012/03/31 08:26

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why cant you do this w/out looping your midi :(????

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Re:You can automate the crossfader!!!
Posted by kraftf - 2012/03/31 08:54

Umazeki wrote:
why cant you do this w/out looping your midi :(????
Because its not implemented yet!!Simple as that.

Actually I haven't managed to record crossfader movements. I can assign a midi track to handle the cc48 and send it back to OT to automate the crossfader. But moving the crossfader won't be recorded in any midi track because CC 48 is sent from the channel that the first audio track has been assigned with its unique midi channel and thus can't be recorded to a midi track.
When you set a midi track's channel then automatically the audio track that is assgned with the same midi channel is not sending any midi output. You have to use something in the middle of the chain to transform the channel that is being sent from the audio track to match the one that is being recieved by the midi track.
I hope I was not too confusing!!
Anyway its not an elegant solution and feedback midi loops can be easily created and crash your midi flow.
Definately an internal routing in the future OS updates should be introduced.

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Re:You can automate the crossfader!!!
Posted by N_Rain - 2012/03/31 14:06

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the dreammer wrote:
Your forgetting that the crossfader itself does not send out midi..
..

Both my OT's crossfaders send MIDI.. I have seen the MIDI output from one OT behave a bit erraticly even though the crossfader behaves fine otherwise so perhaps there is a possible issue with some crossfaderes and MIDI?

About the loopback method, you could also sequence/trigger scenes if so desired...

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Re:You can automate the crossfader!!!

Posted by jonah - 2012/03/31 22:09

Laughing Animal wrote:
jonah wrote:
I'm gonna go try it to see, but couldn't you use a physical MIDI cable loop to use the MIDI tracks to sequence the crossfader now?
Yes, that is what I describe.
Haha, sorry I read too quickly.

I was thinking that it's likely that a way to do this without a MIDI cable loop will be added and it might be good to brainstorm how it we might like it to work.

I was thinking that being able to assign multi MIDI tracks (4-8?)to the cross fader would be super handy, but you'd most likely want them to operate in solo mode automatically, meaning whichever one you make active disables the others. So maybe while MIDI tracks are in cross fader mode function + track is used to edit and just pressing the track activates it?

Maybe this reversal would get confusing, but on the other hand this difference might help to keep track of the big picture.

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Re:You can automate the crossfader!!!

Posted by kraftf - 2012/03/31 22:20

N_Rain wrote:
the dreammer wrote:
Your forgetting that the crossfader itself does not send out midi..
..

Both my OT's crossfaders send MIDI.. I have seen the MIDI output from one OT behave a bit erraticly even though the crossfader behaves fine otherwise so perhaps there is a possible issue with some crossfaderes and MIDI?

About the loopback method, you could also sequence/trigger scenes if so desired...

OT crossfader definately sends midi. But if you set midi/control/audio cc out to the INT value the crossfader sends nothing.If you set to EXT then it does nothing to OT but sends its cc.
And remember the channel the CC is being send is that one that is uniquely assigned to an audio track.

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Re:You can automate the crossfader!!!

Posted by the dreammer - 2012/04/01 03:35

I stand corrected, just thought it reacted to CC48.. not also send it, if you configure it right..
groovy.. learn something new everyday..

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