

Studio One Extended Mapping for the NI Maschine Controller

This mapping offers different functionality:

there are 4 “knob-banks” that offer

- an 8 channel mixer mapping with volume/pan, mute/solo
- an 8 high resolution knob + toggle control link mapping
- a separate 16 knob + toggle control link mapping that is spread over 2 banks

there is basic follow-channel functionality consisting of direct hires controls for volume and pan as well as mute/solo/select/rec-arm, open/close of the channel editor and stepping through the insert plugins.

There are mute/solo and select pad groups allowing for quick muting and selection of 16 channels.

There are direct controls for the most important automation, quantization, transport and record mode functionalities, and there is a central undo/redo button as well as a main volume control.

There is a pad group that allows for direct control of quantize presets and markers and One group for your basic navigation, selection and editing needs.

Missing are functionalities that just work better with a mouse.

All this fits onto the controller only by using groups and banks as well as defining a dedicated shift button. For a detailed overview over commands please look for the overview at the end of this document or into the Controller Editor.

Installation and Usage

After installation of the extension (you have done that, else you could not read this), in the NI folder you'll find two external devices to add to Studio One: Maschine Control XT and Maschine CL-16 extender. These need to be connected to the same Midi -In and -Out of the Maschine controller. You may want to limit the used midi-channels to [1] as this is the channel used for note-input (this is not necessary but may help to know if you use multiple inputs), and declare this as the default instrument input.

Locate the included "Studio One XT.ncm" or "Studio One XT - melochord.ncm" (the latter is using a different pad layout for pad groups 2-4. This gives you the full keyboard range and facilitates playing chords but is tonally limiting. Edit with controller editor to your liking!). Load your choice into controller editor and select.

To enable Studio One control, you need to leave Maschine control mode by pressing the Shift and Ctrl buttons on the controller.

Now, you can select on the Maschine if you want to control your mix, or one of two control link mappings. The current control-link controller for a plugin can be chosen in the plugin header, but the suggested usage is to leave this (local mapping) on "Maschine Control XT" and use the "Maschine CL-16" as a global-/song-/performance-mapping.

If you open the external device editor you'll find an overview for the currently connected channels and parameters as well as their values for all console- and Control-Link-mappings.

Unfortunately the display of the controller can not be used to show this, as Maschine does neither allow transmission of the currently selected knob-bank nor receive text Sysex outside of MCU elements. If enough people request this from Native Instruments, they might implement it.

Printable template overlay (you'll find this in full size within the extension directory for printing and cutting out yourself or you can order online from vendors like 12inchskinz.com)

Chan Plug Zm Lp

Tog Win Dup Trk

Prev Insert Preset

Next Insert Preset

Prev Knob Page

Next Knob Page

Console Bank -8

Console Bank +8

Mute 1 Solo 1

Mute 2 Solo 2

Mute 3 Solo 3

Mute 4 Solo 4

Mute 5 Solo 5

Mute 6 Solo 6

Mute 7 Solo 7

Mute 8 Solo 8

CL16 Tog 1

CL16 Tog 2

CL16 Tog 3

CL16 Tog 4

CL16 Tog 5

CL16 Tog 6

CL16 Tog 7

CL16 Tog 8

CL16 Tog 9

CL16 Tog 10

CL16 Tog 11

CL16 Tog 12

CL16 Tog 13

CL16 Tog 14

CL16 Tog 15

CL16 Tog 16

Gain 1 Pan 1

Gain 2 Pan 2

Gain 3 Pan 3

Gain 4 Pan 4

Gain 5 Pan 5

Gain 6 Pan 6

Gain 7 Pan 7

Gain 8 Pan 8

HR Pot 1

HR Pot 10

HR Pot 3

HR Pot 4

HR Pot 5

HR Pot 6

HR Pot 7

HR Pot 8

CL16 Pot 1

CL16 Pot 2

CL16 Pot 3

CL16 Pot 4

CL16 Pot 5

CL16 Pot 6

CL16 Pot 7

CL16 Pot 8

CL16 Pot 9

CL16 Pot 10

CL16 Pot 11

CL16 Pot 12

CL16 Pot 13

CL16 Pot 14

CL16 Pot 15

CL16 Pot 16

Channel Volume

Channel Pan

Main Out Volume

Undo

Redo

Automate Link

Auto: Read Touch

Q 50% Restore Q

Quant Del Double

Click InputQ

Select Arm

Solo Global

Mute Global

Pad Mode

Impact (Note In 1)

Note In 2

Note In 3

Note In 4

Mute / Solo

Select

Quant / Marker

Edit / Nav

RTL

RTZ

Chan -1 Pads -16

Chan +1 Pads +16

Shift

Play Toggle Loop

Rec

Mix

Erase

Repeat

Q-Pst A Zm Out Full

Q-Pst B Zm In Out Full

Q-Pst C Zm Out V Data

Q-Pst D Zm In V Data

Q-Pst E Tog Zm Undo Zm

Q-Pst F Zm Sel Full

Q-Pst G Loop Sel Exact

Q Clear Q onTrk Snap

Mrk 1 Mrk 5 > Nudge Bar

Mrk 2 Mrk 6 ^ Extend

Mrk 3 Mrk 7 < Nudge Bar

Mrk 4 Mrk 8 Dup Shared

< Mrk < Extend

+ Mrk Named v Extend

> Mrk > Extend

MrkTrk Del Del Time

Many thanks go out to Taoyoyo for testing and overview gfx: