CONTROLLER EDITOR

Controller Editor Template Documentation

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Software version: 1.6.3 (03/2014)

Special thanks to the Beta Test Team, who were invaluable not just in tracking down bugs, but in making this a better product.

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Table of Contents

1 About this Document

This document explains how to use your Native Instruments (NI) hardware controller and its NI Controller Templates to control several products from Native Instrument and other companies.

Before you start

In order to control a MIDI-enabled software with your NI hardware controller in MIDI mode, make sure that this software is set up for receiving MIDI data from the hardware controller. If the software you want to control is capable of sending MIDI data back to the hardware controller, select your NI hardware controller as a *MIDI Out* device.

Note that some programs require an assignment file to be loaded in order to be able to control it with NI hardware controller. These files can be found in the Controller Editor application folder's sub folder named "Template Support Files".

Installation instructions and additional requirements are provided at the beginning of each chapter.

1.1 Document Conventions

This document uses particular formatting to point out special facts and to warn you of potential issues. The icons introducing the following notes let you see what kind of information can be expected:

Whenever this exclamation mark icon appears, you should read the corresponding note carefully and follow the instructions and hints given there if applicable.

This light bulb icon indicates that a note contains useful extra information. This information may often help you to solve a task more efficiently, but does not necessarily apply to the setup or operating system you are using; however, it's always worth a look.

Furthermore, the following formatting is used:

- Text appearing in (drop-down) menus (such as *Open...*, *Save as...* etc.) and paths to locations on your hard drive or other storage devices is printed in *italics*.

- Text appearing elsewhere on the screen (labels of buttons, controls, text next to checkboxes etc.) is printed in light blue. Whenever you see this formatting applied, you will find the same text appearing on the screen.
- Important names and concepts are printed in **bold**.
- References to keys on your computer's keyboard you'll find put in square brackets (e.g., "Press [Shift] + [Return]").

1. Sequences of ordered instructions are introduced by numbers.

▶ Single instructions are introduced by this play button type arrow.

→ Results of actions are introduced by this smaller arrow.

2 AUDIO KONTROL 1

2.1 MIDI/CC

Use this Controller Editor template to control software via MIDI commands.

Note that the software needs to accept MIDI CC commands.

2.1.1 Installation

► Select MIDI/CC as remote control surface in the software you want to control.

For detailed information please refer to your host software's documentation. Furthermore, articles describing the setup procedure in several common host softwares are available in the NI Knowledge Base: www.native-instruments.com/knowledge/

2.1.2 Knob/Button Pages

Control Name	Description
Button 1 (left)	Shift
Button 2 (center)	MIDI CC 60
Button 3 (right)	MIDI CC 61
Knob	MIDI CC 7 (Channel Volume)
Button 2 + Shift (Button 1)	MIDI CC 62
Button 3 + Shift (Button 1)	MIDI CC 63
Knob + Shift	MIDI CC 11 (Expression)

2.2 Mackie Control Universal™

In software supporting the MCU protocol, this Controller Editor template provides basic transport and master volume control.

2.2.1 Installation

► Select Mackie Control as remote control surface in your host software that supports the MCU (Mackie Control Universal™) protocol.

For detailed information please refer to your host software's documentation. Furthermore, articles describing the setup procedure in several common host softwares are available in the NI Knowledge Base: www.native-instruments.com/knowledge/

2.2.2 Knob/Button Pages

Control Name	Description
Button 1 (left)	Shift
Button 2 (center)	MCU Button Stop
Button 3 (right)	MCU Button Start
Knob	Master Volume
Button 2 + Shift (Button 1)	MCU Button Home
Button 3 + Shift (Button 1)	MCU Button Record
Knob + Shift	Master Volume

3 KORE Controller

3.1 Ableton Live™

3.1.1 Installation

In the Controller Editor folder, sub folder *Template Support Files/Ableton Live User Remote Scripts*, you will find the folder "Kore Controller 2" that contains a user configuration file for Live™.

1. Copy the entire folder “Kore Controller 2“ to the following location:

   On Mac OS X: */Users/<username>/Library/Preferences/Ableton/ Live <current version>/User Remote Scripts/*

   On Windows: *C:\Documents and Settings\<username>\Application Data\Ableton\Live <current version>\Preferences\User Remote Scripts*

2. Load the Template “Ableton - Racks & Mixer” using Controller Editor.
3. In the MIDI sections of Live's preferences, select *Kore Controller 2* from the control surface list (probably last entry).
4. Select *NI Kore MIDI* as “MIDI In & Out” interface.

3.1.2 Knob Pages

Page Name	Description
Current Rack / Device	8 knobs of whichever Live Rack or Drum Rack is active or locked to hardware. When a device other than a Rack is in focus, Device On/Off and the first 127 parameters of whichever live device/VST is active or locked to hardware.
Sends Tracks 1-4	Sends 1 & 2 for tracks 1-4. The buttons are for Record Arm for the 1st 8 tracks.
Sends Tracks 5-8	Sends 1 & 2 for tracks 5-8. The buttons are still Record Arm for the 1st 8 tracks.
Track Volumes	Volume for the 1st 8 tracks. The buttons are still Record Arm for the 1st 8 tracks.
Drum Rack	Direct mapping to the 16 drum pads visible on an active or locked Drum Rack. The top row of buttons = the top row of pads; touching the top row of knobs will trigger the second row of pads, etc. Turning the 8 knobs each send CC's 12 -18 on channel 2 for freely assigning to MIDI learnt functions. Try mapping to effects or macros for that drum.
MIDI Learn 1	A group of 16 MIDI CC's on channel 3 for freely assigning to any parameter in Live.
MIDI Learn 2	A second group of 16 MIDI CC's on channel 4 for freely assigning to any parameter in Live.

3.1.3 Transport Buttons

Page Name	Description
Stop	Stop
Play	Play
Record	Record
Audition	Lock/unlock KORE Controller to active device.

3.1.4 Global Controls

Page Name	Description
Dial	Program Change
Control	Rewind
Sound	Fast Forward
Enter	Prior bank of parameters for an active device when on “Current Rack / Device” page.
Esc	Next bank of parameters for an active device when on “Current Rack / Device” page
Pedal 1	MIDI CC 74
Pedal 2	MIDI CC 75
FS 1	Play
FS 2	Record

3.2 Mackie Control Universal™

3.2.1 Installation

► Select Mackie Control as remote control surface in your host software that supports the MCU (Mackie Control Universal™) protocol.

For detailed information please refer to your host software's documentation. Furthermore, articles describing the setup procedure in several common host softwares are available in the NI Knowledge Base: www.native-instruments.com/knowledge/

3.2.2 Knob Pages

Page Name	Description
Mute / Volume	MCU Buttons Mute 1-8 MCU Fader 1-8
Solo / Volume	MCU Buttons Solo 1-8 MCU Fader 1-8
Rec / Volume	MCU Buttons Solo 1-8 MCU Fader 1-8
V-Pot push / V-Pots	MCU V-Pot push MCU V-Pot turn
Track Select / V-Pots	MCU SELECT Ch. 1-8 MCU V-Pot turn
V-Pot Mode / V-Pots	MCU Buttons MCU V-Pot turn

3.2.3 Global Controls

Control Name	Description
Stop	MCU Button Stop
Play	MCU Button Play
Record	MCU Button Record
Pre-Listen	MCU Button Scrub
Scroll Wheel	MCU Jog Wheel
Control	MCU Bank left (Fader groups)
Sound	MCU Bank right (Fader groups)
Enter	Rewind
ESC	Fast Forward
Pedal	MCU Pedal
Footswitch 1 / 2	MCU Foot Switches

3.3 MASSIVE

3.3.1 Installation

Installation for MASSIVE versions up to 1.1.3:

1. Copy the file “Massive - Kore Controller 2.mca” from the Controller Editor folder, sub folder “Template Support Files” to the MASSIVE assignment folder:

   On Mac OS X: place the file “Massive - Kore Controller 2.mca” in */Library/Application Support/Native Instruments/Massive/mca/*

On Windows : place the file “Massive - Kore Controller 2.mca” in the “mca” folder inside the MASSIVE application folder.

2. Start MASSIVE and load the MIDI Setup “Kore Controller 2” by selecting *Options > Midi > Midi Setup*.
3. Load the “Massive” Template in the Controller Editor.

Installation for MASSIVE version 1.1.4 and later:

1. Copy the file “Massive - Kore Controller 2.mca” from the Controller Editor folder, sub folder “Template Support Files” to the MASSIVE assignment folder.

   On Mac OS X, place the file “Massive - Kore Controller 2.mca” in *~/Library/Application Support/Native Instruments/Massive/mca/*

   On Windows, place the file “Massive - Kore Controller 2.mca” in the “mca” folder inside the MASSIVE application data folder.

   On Windows Vista: *C:\Users\<username>\AppData\Local\Native Instruments\Massive\mca*

   On Windows XP: *C:\Documents and Settings\<username>\Local Settings\Application Data \Native Instruments\Massive\mca*

2. Start MASSIVE and load the MIDI Setup “Kore Controller 2” by selecting *Options > Midi > Midi Setup*.
3. Load the “Massive” Template in the Controller Editor.

3.3.2 Knob Pages

Page Name	Description
Macro Controls	Controls the 8 macro parameters.
Osc 1, Osc 2	Controls Oscillator 1 and Oscillator 2 parameters.
Osc 3, Noise	Controls Oscillator 3 parameters and Noise parameters.

Page Name	Description
Mod Osc, (& Cutoff)	Controls the Modulation Osc parameters and cutoffs for Filter 1 and 2.
Filt 1, Filt 2	Controls parameters for Filter 1 and Filter 2.
Envelope 1	Controls parameters for Envelope 1.
Envelope 2	Controls parameters for Envelope 2.
Envelope 3	Controls parameters for Envelope 3.
Envelope 4	Controls parameters for Envelope 4.
FX1, FX2	Controls parameters for FX1 and FX2.
Eq, Pan	Controls parameters for EQ and Pan.
Ins, FX Mix, Feedback	Controls parameters for the Inserts, Effects Mix, and Feedback.
Amps, Filters	Controls parameters for Amps and Filters.

3.3.3 Global Controls

Control Name	Description
Stop	MIDI Stop
Start	MIDI Start
Record	MIDI CC 62
Pre-Listen	MIDI CC 63
Scroll wheel	MIDI CC 7 (Volume)
Control	MIDI CC 118
Sound	MIDI CC 119
Enter	MIDI CC 70
ESC	MIDI CC 117

Control Name	Description
Pedal 1 / 2	MIDI CC 7 (Volume) / 11 (Expression)
Footswitch 1 / 2	MIDI CC 65 (Portamento) / 64 (Sustain)

3.4 PRO-53

3.4.1 Installation

1. Click on the NI logo within PRO-53 and select *Load Controllermap* from the drop-down menu.
2. Load the file "Pro-53 Controller Map - Kore Controller 2.txt" from the "Controller Editor/ Template Support Files" folder as Controller Map for PRO-53.
3. From the same drop-down menu, select *Enable Automatic CC Dump*.
4. Load the "PRO-53" Template in the Controller Editor.

3.4.2 Knob Pages

Page Name	Description
Oscillator A & B	Control for all parameters for Osc A and B.
Mixer & Amplifier	Controls for the Mixer and Amplifier.
Filter	Controls for the filter.
Delay FX	Controls for Delay Effect.
Poly-Mod	Controls for Poly-Mod.
LFO	Controls for LFO.
Wheel-Mod	Controls for Wheel-Mod and Pitchbend.
Global	Controls global sound parameters.

3.4.3 Global Controls

Control Name	Description
Stop	MIDI Stop
Start	MIDI Start
Record	MIDI CC 68
Pre-Listen	MIDI CC 69
Scroll wheel	MIDI CC 7 (Volume)
Control	MIDI CC 62
Sound	MIDI CC 63
Enter	MIDI CC 60
ESC	MIDI CC 61
Pedal 1 / 2	MIDI CC 7 (Volume), 11 (Expression)
Footswitch 1 / 2	MIDI CC 65 (Portamento), 64 (Sustain)

3.5 TRAKTOR PRO

3.5.1 Installation

1. Open the Preferences dialog in TRAKTOR PRO.
2. Load the settings file “Traktor Pro - Kore Controller 2.tsi” by clicking Import on the Preferences dialog. This file is located in the Controller Editor application folder, sub folder “Template Support Files”.
3. In the next dialog named “Select Categories to import”, click OK.
4. Load the “Traktor Pro” Template in the Controller Editor.

3.5.2 Knob Pages

Page Name	Description
Advanced FX	Knob 1: FX Dry/wet Knob 2-4: FX Parameters 1-3 Button 1: FX On Button 2: FX Reset Button 3 / 4: FX Button 1 / 2
Chained FX	Knob 1: FX Dry/Wet Knob 2-4: FX 1-3 Amount Hold Button 1 + Knobs 1-3: FX Select Button 2-4: FX 1-3 On

3.5.3 Global Controls

Control Name	Description
Scroll wheel	Browse: List Select Up/Down
Pre-Listen + Scroll wheel	Master Volume (Soft Takeover)
Stop	Snap Mode
Play	Quantize Mode
Rec	Audio Recorder On/Off
Enter	Maximizes/Minimizes Full Browser View
ESC	Tick On/Off
Control	Loads Selected Track into Deck A
Sound	Loads Selected Track into Deck B

4 MASCHINE Controller

4.1 Ableton Live™

4.1.1 Installation

In order to use the MASCHINE Controller for controlling Ableton Live™, you need to copy a folder from the "Template Support Files" folder into the application folder of Ableton Live™.

- If you are using Ableton Live™ 7, copy the folder "/Ableton Live 7/Maschine Controller" to the Ableton Live™ application folder.
- If you are using Ableton Live™ 8, copy the folder "/Ableton Live 8/Maschine Controller" to the Ableton Live™ application folder.

Mac OS X

The target folder is located inside the Ableton Live™ application bundle. Right click on the "Live.app" file and choose "*Show Package Contents*". Copy *~/Ableton Live/Maschine* folder to: *Contents/App-Resources/MIDI Remote Scripts*.

Windows

The target folder is located inside the Ableton Live™ installation directory (usually *C:\Program Files\Ableton*). Copy "Maschine" to: *\Resources\MIDI Remote Scripts*.

Additional requirements

Activate MIDI Script in Ableton Live™:

1. From Live's Options menu, select the *Preferences* entry.
2. In the Preferences dialog, click the MIDI Sync tab to access the MIDI controller settings.
3. From the Control Surface menu, select the Maschine Controller entry.
4. From the Input menu, select the Maschine Controller entry.
5. From the Output menu, select the Maschine Controller entry.

4.1.2 Knob Pages

Page Name	Description
Track 1-8: Mute, Vol	8 Knobs control Track Volume. Buttons control Track Mute.
Track 1-8: Solo, Pan	8 Knobs control Track Panning. Buttons control Track Solo.
Track 1-8: Rec, Vol	8 Knobs control Track Volume. Buttons control Track Arm (Record Mode).
Sends 1	8 Knobs control Track Send 1.
Sends 2	8 Knobs control Track Send 2.

4.1.3 Pad Buttons

Button Name	Description	
Scene	**Enables Scene Trigger Mode (see: Transport Control Scene Offsets)**	
	If Scene have Clips	Pad on
	If scene have no clips	Pad off
	If all Clips of a Scene are triggered	Pad flashes
Pattern	**Enables Clip Trigger Mode**	
	Available clips are active	Pad on
	Clips are playing or triggered	Pad flashes
Mute	**Enables Clip Mute Mode**	
	Available clips are active	Pad on
	Clips are muted	Pad flashes

4.1.4 Transport Buttons

Button Name	Description
Play	Play Song
Rec	Record Song
Erase	Press Erase to stop all Clips
Loop [Restart] (holding down)	Scene Offset (Scene Mode – scene 17-32) active
< (holding down)	Scene Offset (Scene Mode – scene 33-48) active
> (holding down)	Scene Offset (Scene Mode – scene 49-64) active
Grid (holding down)	Scene Offset (Scene Mode – scene 65-80) active

4.1.5 Group Buttons

Button Name	Description
E	Left
B	Up
F	Down
G	Right

4.1.6 Master Controls

Control Name	Description
Volume	Controls the Master Volume
Tempo	Controls the Master Panning
Swing	Controls the Master Crossfader
Note Repeat	Displays BPM rate (flashing)

4.2 BATTERY 3

4.2.1 Installation

1. Start Battery 3.
2. Open "Battery 3 – Maschine Controller.kt3" from the Controller Editor folder, sub folder "Template Support Files".
3. Load the Battery 3 Template in the Controller Editor.

4.2.2 Knob Pages

Page Name	Description
Cell 1 – Cell 16	These knob pages are specific to each of the 16 cells in the "Battery 3" Template, controlling the cell volume, pan, tune, and volume envelope parameters.
Global Effects	This page adjusts several effect settings for all 16-cells at once.
Delay & Reverb	This page adjusts the Delay and Reverb master effect settings.

4.2.3 Battery Pad Assignment

Pad Name	Assignment
Battery C1-D#2	These pads are the 16 cells in Battery which correspond to the standard MASCHINE kit layout.

4.2.4 Master Controls

Control Name	Description
Volume	This knob controls the master volume of Battery 3.

4.3 BATTERY 3 (Large)

4.3.1 Installation

1. Start Battery 3.
2. Open “Battery 3 (Large)– Maschine Controller.kt3” from the Controller Editor folder, sub folder “Template Support Files”.
3. Load the “Battery 3 (Large)” Template in the Controller Editor.

4.3.2 Knob Pages

Page Name	Description
Global Effects	This page adjusts several effect settings for all 16-cells at once.
Delay & Reverb	This page adjusts the Delay and Reverb master effect settings.

4.3.3 Battery Pad Assignment

Pad Name	Description
Battery C1-D#2	These pads are the 16 cells in Battery which correspond to the standard MASCHINE kit layout.
Battery C2-D#3	These pads are the 16 cells in Battery which correspond to the MIDI notes C2 (48) to D#2 (63)
(etc.)	(etc.)

4.3.4 Master Controls

Control Name	Description
Volume	This knob controls the master volume of Battery 3.

4.4 FXpansion Guru™

4.4.1 Knob Pages

Page Name	Description
Engines Mute + Vol	Engine 1...8 mute (buttons) and volume (knobs)
Engines Solo + Vol	Engine 1...8 solo (buttons) and volume (knobs)
Coloured Pad Groups 1..8	Automation of colored pad controls
Coloured FX Groups 1..8	Automation of colored FX controls
Master FX Controls 1..8	Master FX Controls 1..8

Page Name	Description
Edit Scopes (basic)	Edit basic pad controls in selectable groups: 1 pad layer only / pad - all layers / all colored pads / all pads in engine.
Edit Scopes Env's	Edit envelope controls in selectable groups
Edit Scopes FX	Edit pad FX and aux controls in selectable groups
Edit Scopes (extras)	Edit more pad controls in selectable groups

4.4.2 Pad Pages

Page Name	Description
Pads 1-16	Trigger pads of selected engine
Pattern 1-16	Trigger pattern of selected engine
Scene 1-16 / 17-32 / 33 - 48	Recall scene (all engines pattern and state).
Select Engines	Select the engine.

4.4.3 Transport Buttons

Button Name	Description
Play	Play
Rec	Record
Stop	Stop
<..>	Select Engines

4.4.4 Group Buttons

Button Name	Description
A to H	Select Pad Pages

4.4.5 Master Controls

Control Name	Description
Volume	Engine volume
Tempo	Groove Velocity of selected engine
Swing	Groove amount of selected engine
Note repeat	Note repeat
F1 [Snap]	Undo
F2 [Auto Write]	Commit (Rec)
Control	Panic
Pads modifier buttons	Select Guru™ windows Solo/Mute: solo/mute sel. Engine

4.5 GM Drums (Channel 10)

4.5.1 Knob Pages

Page Name	Description
GM CC# 1-8	MIDI CC's for controlling basic expression parameters and bank selection It uses the MIDI controls stated in the title of this page.
GM CC' 71-77	Basic filter, Envelope, Vibrato control This uses the MIDI controls stated in the title of this page.
GM CC# 91-98	FX control This uses the MIDI controls stated in the title of this page.

4.5.2 Pad Pages

Page Name	Description
GM C-D#1	Standard GM mapping to the pads using the controls stated in the page title.
GM Standard Kit	This is a standard drum kit created closely following the kit-pad layout for Maschine kits.
GM Perc1	This is a kit using percussion sounds.
GM Perc2	This is a kit using percussion sounds.

4.6 Mackie Control Universal™

4.6.1 Installation

► Select Mackie Control as remote control surface in your host software that supports the MCU (Mackie Control Universal™) protocol.

For detailed information please refer to your host software's documentation. Furthermore, articles describing the setup procedure in several common host softwares are available in the NI Knowledge Base: www.native-instruments.com/knowledge/

4.6.2 Knob Pages

Page Name	Description
Vpot push / Vpots	MCU V-Pot push MCU V-Pot turn
Mute / Volume	MCU Buttons Mute 1-8 MCU Fader 1-8
Solo / Volume	MCU Buttons Solo 1-8 MCU Fader 1-8
Track Select / Vpots	MCU SELECT Ch. 1-8 MCU V-Pot turn
VpotMode / Vpots	MCU Buttons MCU V-Pot turn

4.6.3 Pad Pages

Page Name	Description
Select / VPot-assign	1-8: select track 1..8 9-16: Vpot function assignment.
Mute / VPot-assign	1-8: mute track 1..8 9-16: Vpot function assignment.
Solo / VPot-assign	1-8: solo track 1..8 9-16: Vpot function assignment.
Record / VPot-assign	1-8: track record READY 1..8 9-16: Vpot function assignment.
Navigation	Easy to grasp navigation with scrub and enter.

4.6.4 Transport Buttons

Button Name	Description
Loop [Restart]	MCU Loop button
>	FFW
<	Rewind
Grid	Read on/off
Play	Play
Rec	Record
Erase	Stop

4.6.5 Group Buttons

Page Name	Description
A to F	Switch Pad Pages

4.6.6 Master Controls

Control Name	Description
Vol	Master volume
Tempo	CC 1 (regular MIDI)
Swing	CC 11 (regular MIDI)
Note Repeat	Scrub

4.7 MASSIVE

4.7.1 Installation

For MASSIVE versions up to 1.1.3

1. Copy the file "Massive - Maschine Controller.mca" from the Controller Editor folder, sub folder "Template Support Files" to the MASSIVE assignment folder.

   On Mac OS X, place the file "Massive - Maschine Controller.mca" in */Library/Application Support/Native Instruments/Massive/mca/*.

   On Windows, place the file "Massive - Maschine Controller.mca" in the "mca" folder inside the MASSIVE application folder.

2. Start MASSIVE and load the MIDI Setup "Maschine Controller" by selecting *Options > Midi > Midi Setup*.
3. Load the Massive Template in the Controller Editor.

For MASSIVE version 1.1.4 and later

1. Copy the file "Massive - Maschine Controller.mca" from the Controller Editor folder, sub folder "Template Support Files" to the MASSIVE assignment folder.

On Mac OS X, place the file “Massive - Maschine Controller.mca” in *~/Library/Application Support/Native Instruments/Massive/mca/*.

On Windows, place the file “Massive - Maschine Controller.mca” in the “mca” folder inside the MASSIVE application data folder.

On Windows XP: *C:\Documents and Settings\<username>\Local Settings\Application Data\Native Instruments\Massive\mca*.

On Windows Vista: *C:\Users\<username>\AppData\Local\Native Instruments\Massive\mca*.

2. Start MASSIVE and load the MIDI Setup “Maschine Controller” by selecting *Options > Midi > Midi Setup*.
3. Load the "Massive" Template in the Controller Editor.

4.7.2 Knob Pages

Page Name	Description
Macro Controls	Controls the 8 macro parameters.
Osc 1, Osc 2	Controls Oscillator 1 and Oscillator 2 parameters. Oscillator 1 controls use the left-hand side Maschine window and according knobs. Oscillator 2 uses the right-hand side window and according knobs.
Osc 3, Noise	Controls Oscillator 3 parameters and Noise parameters. Note: Same left and right divide as previous knob page.
Mod Osc, (& Cutoff)	Control the Modulation Osc parameters and cutoffs for Filter 1 and 2.

Page Name	Description
Filt 1, Filt 2	Controls parameters for Filter 1 and Filter 2. Filter 1 is controlled by the left-hand side of the Maschine hardware and Filter 2 on the right-hand .
Envelope 1	Controls parameters for Envelope 1.
Envelope 2	Controls parameters for Envelope 2.
Envelope 3	Controls parameters for Envelope 3.
Envelope 4	Controls parameters for Envelope 4.
FX1, FX2	Controls parameters for FX1 and FX2. Note: Same left and right-hand divide as previous knob pages.
EQ, Pan	Controls parameters for EQ and Pan
Ins, FX Mix, Feedback	Controls parameters for the Inserts, Effects Mix, and Feedback.
Amps, Filters	Controls parameters for Amps and Filters.

Same left and right-hand divide as previous knob pages.

4.7.3 Pad Pages

Page Name	Description
	All pad pages are velocity sensitive. Notes are mapped from C-1– D#7 across 8 pad pages named accordingly.

4.8 PRO-53

4.8.1 Installation

1. Click on the NI logo within PRO-53 and select Load *Controllermap* from the drop-down menu.
2. Load the file "Pro-53 Controller Map - Maschine Controller.txt" from the "Controller Editor/Template Support Files" folder as Controller Map for PRO-53.
3. From the same drop-down menu, select *Enable Automatic CC Dump*.
4. Load the "PRO-53" Template in the Controller Editor.

4.8.2 Knob Pages

Page Name	Description
Oscillator A & B	Control for all parameters for Osc A and B. **Note:** Osc A uses the left-hand side MASCHINE Controller display and controls, and Osc B uses the right-hand side display and controls. This is illustrated in the page title. This applies to every page in this Template (where control could be mapped this way).
Mixer & Amplifier	Controls for the Mixer and Amplifier
Filter	Controls for the filter.
Delay FX	Controls for Delay Effect.
Poly-Mod	Controls for Poly-Mod.
LFO	Controls for LFO.
Wheel-Mod	Controls for Wheel-Mod and Pitchbend.
Global	Controls global sound parameters.

4.9 REAKTOR Junatik

4.9.1 Knob Pages

Page Name	Description
VCO section use	Basics: Oscillator Amplitude related and Filter Cutoff
VCO section all	All possible controls in VCO section
Phils first page	Basic Controls out of a musician's point of view
Add. FX + LFO	“Add. FX” Section and LFO

4.9.2 Pad Pages

Page Name	Description
FX + EQ	“Additional FX” Section including EQ.
VCF + VCA	Filter related and VCA Envelope controls.
VCF + Mod Env	Filter related and Mod Envelope controls.
Miscellaneous	Miscellaneous settings, resets and additional MIDI controls.
Stereo Delay	Possible controls for trailed Stereo Delay.

4.9.3 Transport Buttons

Button Name	Description
< / >	Ensemble Snapshots (instrument are available in Phils first page and FX Snapshots in Stereo Delay).
Grid	Velocity to VCA

4.9.4 Group Buttons

Button Name	Description
Cn...D#n+1	Velocity sensitive notes without after-touch in 8 octaves.

4.9.5 Master Controls

Control Name	Description
Volume	CC1 can be assigned to whatever you like.
Tempo	LFO speed
Swing	Octave control
Note repeat	LFO Trigger
F1 [Snap] / F2 [Auto Write]	Octave – and +

4.10 REAKTOR Scenario

4.10.1 Additional requirements

1. In REAKTOR's Audio Setup dialog, activate the MASCHINE Controller's MIDI In and MIDI Out ports by clicking on their entries. This is required for incremental parameter updates.

2. In order to use the Start/Stop commands, select the External Sync entry from REAKTOR's Settings menu. Note that this function is available in Stand-alone mode only!

4.10.2 Knob Pages

Page Name	Description
Filter + Gain 1…4	Recommended page for using Live.
Engine n Controls [1..4]	All possible controls of Loop Engines sections.
Loop, Slice, Gater, Lo/Hi	Loop FX controls 1
Infinity FFB (+Loop+Slice)	Mainly Loop FX – Infinity FFB controls
LoopFX Overview	Loop FX controls 2

4.10.3 Pad Pages

Page Name	Description	
Off	1…4/5…8:	Sample select down/up
	9…12/13…16:	Filter Cutoff down/up
Scene	FX Infinity FFB enable on/off	

4.10.4 Transport Buttons

Button Name	Description
Start	Start
Rec	Continue
Erase	Stop
Loop [Restart]	enable Loop FX on/off
< / >	Scene memory +/-
Grid	enable FX Slicer on/off

4.10.5 Group Buttons

Button Name	Description
A…D	Loop Engines on/off
E…H	E…H: Retrigger Engines 1-4 on/off

4.10.6 Master Controls

Control Name	Description
Volume	Gain = Master volume
Tempo	LooP Lng = FX Loop – loop length
Swing	Gate Speed
Note repeat	Gate on/off

4.11 Toontrack® EZDrummer®

4.11.1 Additional requirements

There are 'Alias' pads on the pad pages which are left this way as their assignment depends on the expansion packs you have.

4.11.2 Knob Pages

Page Name	Description
Empty	This knob page is free for assignment dependent on which host you are using EZDrummer® within.

4.11.3 Pad Pages

Page Name	Description
Standard Kit	Standard drum kit created in accordance with the MASCHINE kit pad set up.
Pad Page C#1 – E2	The Pads are assigned in accordance to the preceding 16 Key map MIDI controls used by EZDrummer®.
Pad Page F2-F3	The Pads are assigned in accordance to the preceding 16 Key map MIDI controls used by EZDrummer®.
Pad Page A-1 – C1	The Pads are assigned in accordance to the first 16 Key map MIDI controls used by EZDrummer®.

4.12 TRAKTOR PRO

4.12.1 Installation

1. Open the Preferences dialog in TRAKTOR PRO.
2. Load the settings file “Traktor Pro - Maschine Controller.tsi” by clicking Import on the Preferences dialog. This file is located in the Controller Editor application folder, sub folder “Template Support Files”.
3. In the next dialog named Select Categories to import, click OK.
4. Load the “Traktor Pro” Template in the Controller Editor.

4.12.2 Knob Pages

Page Name	Description
TRAKTOR PRO FX	FX control for Advanced & Chained FX

4.12.3 Pad Pages

Page Name	Description
No pages used	Pads control playback and loop functions for Deck A and Deck B. For a detailed description load the "Traktor Pro" Template in the Controller Editor and see the labels of the pads.

4.12.4 Transport Buttons

Button Name	Description
< and >	Load to Decks
Play and Erase	List browse

4.12.5 Group Buttons

Button Name	Description
A and B	FX assign for Deck A
C and D	FX assign for Deck B

4.12.6 Master Controls

Control Name	Description
Volume	Loop length Deck A
Swing	Loop length Deck B
F1 [Snap]	Acts as a shift button for the Pads to trigger advanced options.
F2 [Auto Write]	Switches to Hotkeys mode: Pads can be used to trigger Hotkeys.

4.13 XLN Audio Addictive Drums™

4.13.1 Installation

Please see Addictive Drums™ manual for additional support regarding MIDI mapping and key map assignments.

4.13.2 Knob Pages

Page Name	Description
Empty	This knob page is free for assignment and depends on which host you are using Addictive Drums™ in.

4.13.3 Pad Pages

Page Name	Description
Standard Kit	Standard drum kit created in accordance with the MASCHINE kit pad set up.
Pad Page C1 – D#2	The Pads are assigned in accordance to the preceding 16 Keymap MIDI control used by Addictive Drums™.
Pad Page E2-G#3	The Pads are assigned in accordance to the preceding 16 Keymap MIDI control used by Addictive Drums™.
Pad Page A3– A#4	The Pads are assigned in accordance to the first 16 Keymap MIDI control used by Addictive Drums™

5 TRAKTOR KONTROL X1

5.1 Serato Scratch Live™

5.1.1 Installation

In order to use the TRAKTOR KONTROL X1 hardware controller for controlling Serato Scratch Live™, you need to copy the file "SSL_X1.xml" from the Controller Editor folder's sub folder "Template Support Files" to the Serato Scratch Live™ "MIDI" folder.

Mac OS X

The target folder is located inside the Serato Scratch Live™ content directory (usually *~user/music/ScratchLIVE/MIDI*). Copy the SSL_X1.xml into the MIDI folder (if the MIDI folder does not exist inside the Serato Scratch Live™ directory you have to manually create it).

Windows

The target folder is located inside the Serato Scratch Live™ content directory (usually ~ *My Documents\My Music\ScratchLIVE\MIDI*). Copy the SSL_X1.xml into the MIDI folder (if the MIDI folder does not exist inside the Serato Scratch Live™ directory you have to manually create it).

5.1.2 Additional requirements

Load MIDI mapping in Serato Scratch Live™:

1. Enter the Setup dialogue in Serato Scratch Live™.
2. Go to the MIDI tab.
3. Select the entry SSL_X1.
4. Confirm by clicking on Load.

5.1.3 5.1.3 Knob Page

Knob Name	Description
DRY/WET	Deck Gain
1-3	Sampler Slot Volume
BROWSE	Turn: browse Playlist Push: load selected track to deck
LOOP	Turn: select Auto Loop size Push: set Auto Loop

5.1.4 Button Page

Button Name	Description
ON	Key Lock On/Off
1-3	Play Sampler Slot
FX1	Loop Roll
FX2	Tempo Tap
IN	Set Loop In Point
OUT	Set Loop Out Point
< BEAT	Cue 1
CUE/REL	Cue 2
PLAY	Cue 3
BEAT >	Cue 4
CUP/ABS	Cue 5
SYNC	Censor
SHIFT	Activates Shift layer
SHIFT + BROWSE (push)	Instant double
SHIFT + LOOP (push)	Loop active

Button Name	Description
SHIFT + < BEAT	Sets/overwrites Cue 1
SHIFT + CUE/REL	Sets/overwrites Cue 2
SHIFT + PLAY	Sets/overwrites Cue 3
SHIFT + BEAT >	Sets/overwrites Cue 4
SHIFT + CUP/ABS	Sets/overwrites Cue 5

5.2 Serato Scratch Live™ 2

5.2.1 Installation

In order to use the TRAKTOR KONTROL X1 hardware controller for controlling Serato Scratch Live™ 2, you need to copy the file "SSL2_X1.xml" from the Controller Editor folder's sub folder "Template Support Files" to the Serato Scratch Live™ 2 "MIDI" folder.

Mac OS X

The target folder is located inside the Serato Scratch Live™ 2 content directory (usually *~user/music/ScratchLIVE/MIDI*). Copy the SSL2_X1.xml into the MIDI folder (if the MIDI folder does not exist inside the Serato Scratch Live™ 2 directory you have to manually create it).

Windows

The target folder is located inside the Serato Scratch Live™ 2 content directory (usually

~\My Documents\My Music\ScratchLIVE\MIDI). Copy the SSL2_X1.xml into the MIDI folder (if the MIDI folder does not exist inside the Serato Scratch Live™ 2 directory you have to manually create it).

5.2.2 Additional requirements

Load MIDI mapping in Serato Scratch Live™ 2:

1. Enter the Setup dialogue in Serato Scratch Live™ 2.
2. Go to the MIDI tab.

3. Select the entry SSL2_X1.
4. Confirm by clicking on Load.

5.2.3 Knob Page

Knob Name	Description
DRY/WET	Deck Gain
1-3	FX Parameter
BROWSE	Turn: browse Playlist Push: load selected track to deck
LOOP	Turn: select Auto Loop size Push: set Auto Loop

5.2.4 Button Page

Button Name	Description
ON	Key Lock On/Off
1-3	FX on/off
FX1	Assign FX Unit 1
FX2	Assign FX Unit 2
IN	Set Loop In Point
OUT	Set Loop Out Point
< BEAT	Cue 1
CUE/REL	Cue 2
PLAY	Cue 3
BEAT >	Cue 4
CUP/ABS	Cue 5
SYNC	Censor
SHIFT	Activates Shift layer

Button Name	Description
SHIFT + 1-3	Play Sampler Slot
SHIFT + FX1	Loop Roll
SHIFT + FX2	Tempo Tap
SHIFT + BROWSE (push)	Instant double
SHIFT + LOOP (push)	Loop active
SHIFT + < BEAT	Sets/overwrites Cue 1
SHIFT + CUE/REL	Sets/overwrites Cue 2
SHIFT + PLAY	Sets/overwrites Cue 3
SHIFT + BEAT >	Sets/overwrites Cue 4
SHIFT + CUP/ABS	Sets/overwrites Cue 5