



# CONTROLLER EDITOR

Controller Editor Template Documentation



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Document authored by: Native Instruments GmbH

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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## Germany

Native Instruments GmbH  
Schlesische Str. 29-30  
D-10997 Berlin  
Germany  
[www.native-instruments.de](http://www.native-instruments.de)

## USA

Native Instruments North America, Inc.  
6725 Sunset Boulevard  
5th Floor  
Los Angeles, CA 90028  
USA  
[www.native-instruments.com](http://www.native-instruments.com)

## Japan

Native Instruments KK  
YO Building 3F  
Jingumae 6-7-15, Shibuya-ku,  
Tokyo 150-0001  
Japan  
[www.native-instruments.co.jp](http://www.native-instruments.co.jp)



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# 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/](http://www.native-instruments.com/knowledge/)

#### 2.1.2 Knob/Button Pages

Control Name	Description
<b>Button 1 (left)</b>	Shift
<b>Button 2 (center)</b>	MIDI CC 60
<b>Button 3 (right)</b>	MIDI CC 61
<b>Knob</b>	MIDI CC 7 (Channel Volume)
<b>Button 2 + Shift (Button 1)</b>	MIDI CC 62
<b>Button 3 + Shift (Button 1)</b>	MIDI CC 63
<b>Knob + Shift</b>	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/](http://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/](http://www.native-instruments.com/knowledge/)

### 3.2.2 Knob Pages

Page Name	Description
<b>Mute / Volume</b>	MCU Buttons Mute 1-8 MCU Fader 1-8
<b>Solo / Volume</b>	MCU Buttons Solo 1-8 MCU Fader 1-8
<b>Rec / Volume</b>	MCU Buttons Solo 1-8 MCU Fader 1-8
<b>V-Pot push / V-Pots</b>	MCU V-Pot push MCU V-Pot turn
<b>Track Select / V-Pots</b>	MCU SELECT Ch. 1-8 MCU V-Pot turn
<b>V-Pot Mode / V-Pots</b>	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
<b>Macro Controls</b>	Controls the 8 macro parameters.
<b>Osc 1, Osc 2</b>	Controls Oscillator 1 and Oscillator 2 parameters.
<b>Osc 3, Noise</b>	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
<b>Pedal 1 / 2</b>	MIDI CC 7 (Volume) / 11 (Expression)
<b>Footswitch 1 / 2</b>	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
<b>Oscillator A &amp; B</b>	Control for all parameters for Osc A and B.
<b>Mixer &amp; Amplifier</b>	Controls for the Mixer and Amplifier.
<b>Filter</b>	Controls for the filter.
<b>Delay FX</b>	Controls for Delay Effect.
<b>Poly-Mod</b>	Controls for Poly-Mod.
<b>LFO</b>	Controls for LFO.
<b>Wheel-Mod</b>	Controls for Wheel-Mod and Pitchbend.
<b>Global</b>	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	<b>Enables Scene Trigger Mode (see: Transport Control Scene Off-sets)</b>	
	If Scene have Clips	Pad on
	If scene have no clips	Pad off
	If all Clips of a Scene are triggered	Pad flashes
Pattern	<b>Enables Clip Trigger Mode</b>	
	Available clips are active	Pad on
	Clips are playing or triggered	Pad flashes
Mute	<b>Enables Clip Mute Mode</b>	
	Available clips are active	Pad on
	Clips are muted	Pad flashes



### 4.1.4 Transport Buttons

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

### 4.1.5 Group Buttons

Button Name	Description
<b>E</b>	Left
<b>B</b>	Up
<b>F</b>	Down
<b>G</b>	Right

### 4.1.6 Master Controls

Control Name	Description
<b>Volume</b>	Controls the Master Volume
<b>Tempo</b>	Controls the Master Panning
<b>Swing</b>	Controls the Master Crossfader
<b>Note Repeat</b>	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
<b>Cell 1 – Cell 16</b>	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.
<b>Global Effects</b>	This page adjusts several effect settings for all 16-cells at once.
<b>Delay &amp; Reverb</b>	This page adjusts the Delay and Reverb master effect settings.

### 4.2.3 Battery Pad Assignment

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

## 4.2.4 Master Controls

Control Name	Description
<b>Volume</b>	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
<b>Global Effects</b>	This page adjusts several effect settings for all 16-cells at once.
<b>Delay &amp; Reverb</b>	This page adjusts the Delay and Reverb master effect settings.

### 4.3.3 Battery Pad Assignment

Pad Name	Description
<b>Battery C1-D#2</b>	These pads are the 16 cells in Battery which correspond to the standard MASCHINE kit layout.
<b>Battery C2-D#3</b>	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
<b>Volume</b>	This knob controls the master volume of Battery 3.

## 4.4 FXpansion Guru™

### 4.4.1 Knob Pages

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

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

## 4.4.2 Pad Pages

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

## 4.4.3 Transport Buttons

Button Name	Description
<b>Play</b>	Play
<b>Rec</b>	Record
<b>Stop</b>	Stop
<b>&lt;..&gt;</b>	Select Engines

#### 4.4.4 Group Buttons

Button Name	Description
<b>A to H</b>	Select Pad Pages

#### 4.4.5 Master Controls

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

## 4.5 GM Drums (Channel 10)

### 4.5.1 Knob Pages

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

### 4.5.2 Pad Pages

Page Name	Description
<b>GM C-D#1</b>	Standard GM mapping to the pads using the controls stated in the page title.
<b>GM Standard Kit</b>	This is a standard drum kit created closely following the kit-pad layout for Maschine kits.
<b>GM Perc1</b>	This is a kit using percussion sounds.
<b>GM Perc2</b>	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/](http://www.native-instruments.com/knowledge/)

### 4.6.2 Knob Pages

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



### 4.6.3 Pad Pages

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

### 4.6.4 Transport Buttons

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

### 4.6.5 Group Buttons

Page Name	Description
<b>A to F</b>	Switch Pad Pages

## 4.6.6 Master Controls

Control Name	Description
<b>Vol</b>	Master volume
<b>Tempo</b>	CC 1 (regular MIDI)
<b>Swing</b>	CC 11 (regular MIDI)
<b>Note Repeat</b>	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
<b>Macro Controls</b>	Controls the 8 macro parameters.
<b>Osc 1, Osc 2</b>	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.
<b>Osc 3, Noise</b>	Controls Oscillator 3 parameters and Noise parameters.  Note: Same left and right divide as previous knob page.
<b>Mod Osc, (&amp; Cutoff)</b>	Control the Modulation Osc parameters and cutoffs for Filter 1 and 2.

Page Name	Description
<b>Filt 1, Filt 2</b>	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 .
<b>Envelope 1</b>	Controls parameters for Envelope 1.
<b>Envelope 2</b>	Controls parameters for Envelope 2.
<b>Envelope 3</b>	Controls parameters for Envelope 3.
<b>Envelope 4</b>	Controls parameters for Envelope 4.
<b>FX1, FX2</b>	Controls parameters for FX1 and FX2.  Note: Same left and right-hand divide as previous knob pages.
<b>EQ, Pan</b>	Controls parameters for EQ and Pan
<b>Ins, FX Mix, Feedback</b>	Controls parameters for the Inserts, Effects Mix, and Feedback.
<b>Amps, Filters</b>	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
<b>Oscillator A &amp; B</b>	Control for all parameters for Osc A and B.  <b>Note:</b> 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).
<b>Mixer &amp; Amplifier</b>	Controls for the Mixer and Amplifier
<b>Filter</b>	Controls for the filter.
<b>Delay FX</b>	Controls for Delay Effect.
<b>Poly-Mod</b>	Controls for Poly-Mod.
<b>LFO</b>	Controls for LFO.
<b>Wheel-Mod</b>	Controls for Wheel-Mod and Pitchbend.
<b>Global</b>	Controls global sound parameters.

## 4.9 REAKTOR Junatik

### 4.9.1 Knob Pages

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

### 4.9.2 Pad Pages

Page Name	Description
<b>FX + EQ</b>	"Additional FX" Section including EQ.
<b>VCF + VCA</b>	Filter related and VCA Envelope controls.
<b>VCF + Mod Env</b>	Filter related and Mod Envelope controls.
<b>Miscellaneous</b>	Miscellaneous settings, resets and additional MIDI controls.
<b>Stereo Delay</b>	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.

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

## 4.10.3 Pad Pages

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

## 4.10.4 Transport Buttons

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



## 4.10.5 Group Buttons

Button Name	Description
<b>A...D</b>	Loop Engines on/off
<b>E...H</b>	E...H: Retrigger Engines 1-4 on/off

## 4.10.6 Master Controls

Control Name	Description
<b>Volume</b>	Gain = Master volume
<b>Tempo</b>	LooP Lng = FX Loop – loop length
<b>Swing</b>	Gate Speed
<b>Note repeat</b>	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
<b>Empty</b>	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
<b>No pages used</b>	<p>Pads control playback and loop functions for Deck A and Deck B.</p> <p>For a detailed description load the “Traktor Pro” Template in the Controller Editor and see the labels of the pads.</p>

### 4.12.4 Transport Buttons

Button Name	Description
<b>&lt; and &gt;</b>	Load to Decks
<b>Play and Erase</b>	List browse

### 4.12.5 Group Buttons

Button Name	Description
<b>A and B</b>	FX assign for Deck A
<b>C and D</b>	FX assign for Deck B

### 4.12.6 Master Controls

Control Name	Description
<b>Volume</b>	Loop length Deck A
<b>Swing</b>	Loop length Deck B
<b>F1 [Snap]</b>	Acts as a shift button for the Pads to trigger advanced options.
<b>F2 [Auto Write]</b>	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
<b>DRY/WET</b>	Deck Gain
<b>1-3</b>	FX Parameter
<b>BROWSE</b>	Turn: browse Playlist Push: load selected track to deck
<b>LOOP</b>	Turn: select Auto Loop size Push: set Auto Loop

### 5.2.4 Button Page

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



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