



USB MIDI AND AUDIO CONTROLLER

VCI-100MKII

取扱説明書

P.2~

OWNER'S MANUAL

P.24~

〒154-0023
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CONGRATULATIONS!

Thank you for purchasing the Vestax VCI-100MKII. Please read through the owners manual thoroughly to use the VCI-100MKII safely and at its best performance.

CONTENTS

•SAFETY PRECAUTIONS	24
•IMPORTANT SAFEGUARDS	25
•FEATURES	26
•ACCESSORIES	26
•SYSTEM REQUIREMENTS	26
•FUNCTIONS OF BUTTONS, KNOBS & FADERS	27
•DRIVER SETUP	30
•HARDWARE SETUP	31
•INSTALL BUNDLED APPLICATION	32
•SOFTWARE ACTIVATION	36
•AUDIO SETUP	40
•HOW TO PLAY	43
•SPECIFICATIONS	43
•TROUBLE SHOOTING	44
•MIDI MAP	45

SAFETY PRECAUTIONS

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFEGUARDS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read instructions-All the safety and operating instructions should be read before the appliance is operated.
2. Retain instructions-The safety and operating instructions should be retained for future reference.
3. Heed Warnings-All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions-All operating and use instructions should be followed.
5. Cleaning-Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments-Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture-Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. Accessories-Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. Power sources-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.
11. Lightning-For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
12. Overloading-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
13. Object and Liquid Entry-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
14. Servicing-Do not attempt to service product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.

FEATURES

CONGRATULATIONS! You now have full control over various DJ software at your finger tips. Having excellent portability and an internal audio interface, a computer and the VCI-100MKII is all you need to DJ, where ever you want.

The ergonomic rotary knobs have been applied to keep you going for hours and the new JOG wheel torque adjust system will enable you to set the rotational touch at your preference. The JOY STICK will give you speedy access through your track list and loading on the fly, along with all other knobs, buttons and faders positioned to enable smooth access around the VCI-100MKII.

The human interface VCI-100 in a new skin. Please enjoy the VCI-100MKII.

ACCESSORIES

- OWNER'S MANUAL
- USB CABLE
- TRAKTOR LE INSTALLER CD-ROM
- AUDIO DRIVER (ASIO4 VCI100MKII) INSTALLER CD-ROM

※POWER ADAPTOR (SDC-7) IS NOT INCLUDED

SYSTEM REQUIREMENTS

Windows

OS : Windows 7/Vista/XP(SP2)

CPU: Intel Core Duo 1.4GHz or higher

RAM : 1.0GB or more

USB 1.1 port

CD-ROM DRIVE

Macintosh

OS : Mac OSX 10.5 or higher

CPU : Intel Core Duo 1.66GHz or higher

RAM : 1.0GB or more

USB 1.1 port

CD-ROM DRIVE

※The requirements above do not apply to the bundled software.

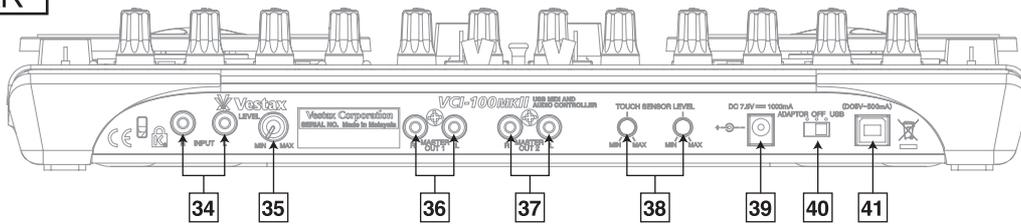
※VCI-100MKII does not support Celeron, Centrio, ATOM, AMD, and Sempron processors

Please note above are the minimum requirements and do not guarantee operation with all computers and devices. For best performance we recommend purchasing a higher spec computer.

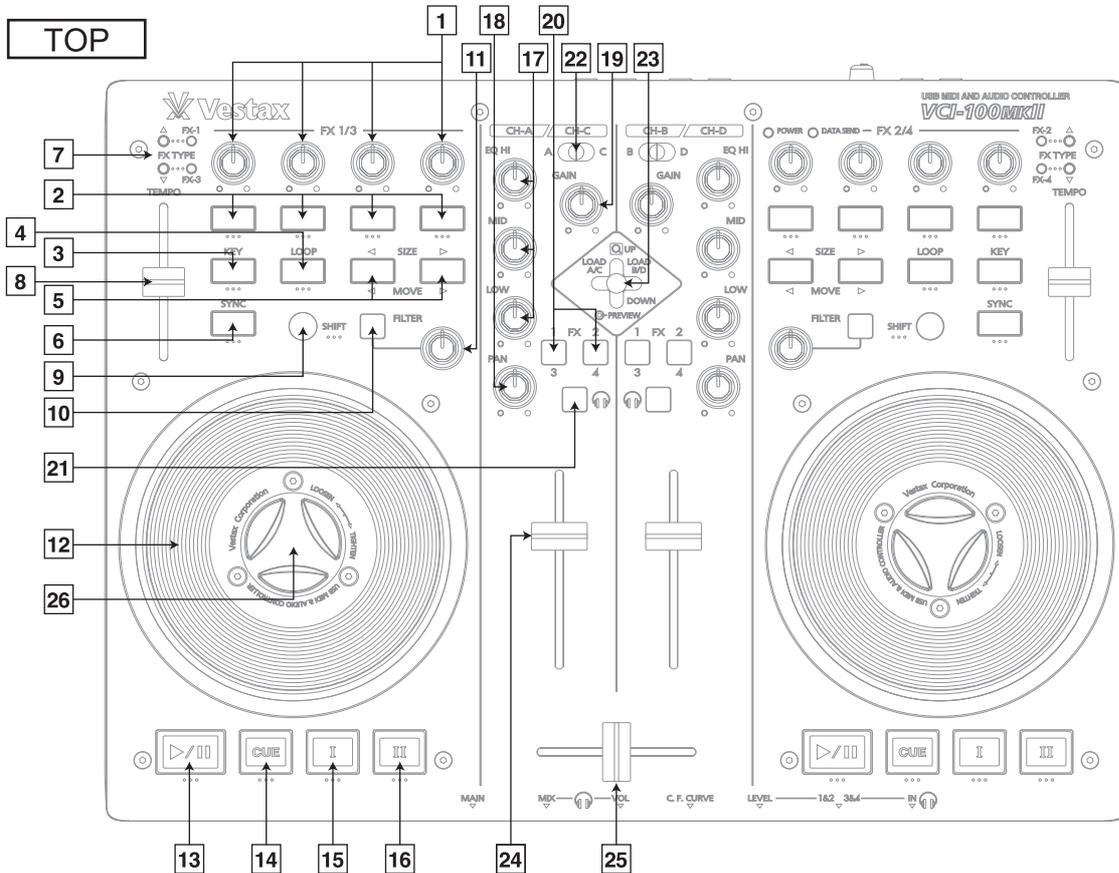
FUNCTIONS OF BUTTONS, KNOBS & FADERS

※Several features introduced below are based on Traktor Pro(Native Instrument)

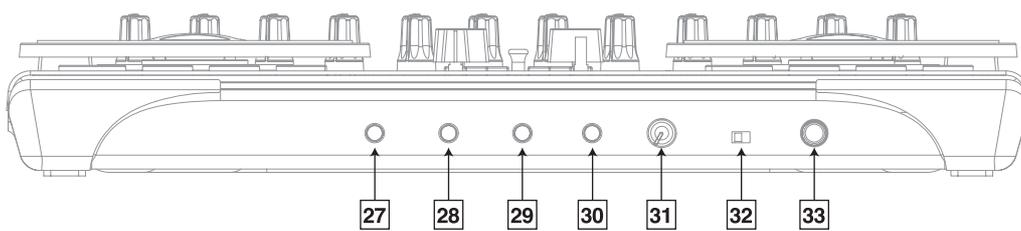
REAR



TOP



FRONT



NO	NAME	FUNCTION
1	EFFECT CONTROL	Controls the parameter of effects assigned to FX1~4.
2	EFFECT CONTROL ON/OFF	ON/OFF control for the 4 parameters of FX1~4. The parameters will apply to the effect when turned ON.
3	KEY	Enables to change the tempo of a track without changing the key.
4	LOOP	LOOP ON/OFF of each deck.
5	LOOP SIZE/MOVE(+SHIFT)	Push the left button to half the current loop size, push the right button to double. SHIFT: Moves the loop section, start point & end point in correspondence to the mode function set at the time. For details of each mode see the TRAKTOR USERS MANUAL.
6	SYNC	Automatically synchronizes the BPM of a selected track to the BPM of the Master deck track.
7	EFFECT SELECT	Selects the type of effect (delay, flanger, etc.) assigned to FX1, 2, 3, & 4. Push SHIFT together to select effects for FX3&FX4.
8	TEMPO	Adjusts the tempo of the track loaded to each deck.
9	SHIFT	Enables sub features of other buttons and faders by pushing SHIFT together. All dotted buttons can be mapped, TEMPO is the only fader that can be mapped. (※)
10	FILTER ON/OFF	Applies a filter affect to the corresponding deck.
11	FILTER	Adjusts the value of the filter effect applied with the FILTER ON/OFF button.
12	JOG WHEEL	Controls the deck just like a vinyl record found on turntables. Touching the transparent rim enables pitch bend. Touching the plate will enable scratching.
13	PLAY/PAUSE START JUMP(+SHIFT)	PLAY/PAUSE control over the loaded track. SHIFT: Jumps the play point to the start of the track.
14	CUE PAUSE	Jumps and pauses the track at a set CUE point.
15	CUE PLAY (function I)	Returns and plays from the set CUE point.
16	SET CUE (function II)	Sets a cue point when a track is paused.
17	EQ	3 band HI, MID and LOW frequency control. (The audio signal is adjusted by the software)
18	PAN	Left/Right audio signal balance control (The audio signal is adjusted by the software)
19	GAIN	Adjusts the sound volume of a loaded track (The audio signal is adjusted by the software)
20	FX	ON/OFF control for FX 1,2,3,4. (This does not function with TRAKTOR LE)
21	MONITOR	Monitor ON/OFF control. Push this button when you want to listen to a track with your headphones.
22	CHANNEL SELECT	Selects the deck you wish to control. You can control up to 4 decks. The Left side controls deck A & C. The right side controls deck B & D.
23	JOY STICK	Push up & down to go through your track library. Push left to load a track to the left deck, push right to load a track to the right deck. Pushing the JOY STICK down controls the ON/OFF of the browser list.
24	INPUT FADER	Adjusts the output volume of each deck.
25	CROSS FADER	Crossfades the output between 2 decks.
26	JOG WHEEL TORQUE ADJUST	You can adjust the JOG wheel's rotation torque (the stiffness) to your preference. Turn the adjustment anti-clockwise for a light spin, turn clockwise for a heavier touch.
27	MAIN	Master output volume control
28	MIX	Adjusts the balance of master output and monitor output (selected with the MONITOR buttons) sent to your headphones.
29	MONITOR LEVEL	Headphone volume control.
30	C.F.CURVE	You can adjust how the crossfader blends between decks. Move the control around to find your favorite setting.
31	AUDIO LEVEL	Monitor output control of the internal audio interface.
32	AUDIO CHANNEL SELECT	Selects the internal audio interface's monitor output channel.
33	HEADPHONE OUTPUT	Connection for headphones.
34	AUX INPUT	This input can be used with external LINE devices such as samplers, CD players, drum machines or another mixer for session mix. The signal is sent via USB to your computer and fed to the software.
35	AUX INPUT LEVEL	Controls the input level of devices connected to AUX INPUT.
36	MASTER OUT1	Connection for Master output 1. The audio signal from the software is sent out.
37	MASTER OUT2	Connection for Master output 2. The audio signal from the software is sent out.

NO	NAME	FUNCTION
38	TOUCH SENSOR LEVEL	Each JOG wheels plate sensitivity can be adjusted to your preference. MAX is the most sensitive, enabling scratch moves at the most light touch.
39	DC ADAPTOR	As an option, the VCI-100MKII can be powered with a Vestax SDC-7 power adaptor (7.5V DC 1000mA) *NOT INCLUDED
40	POWER SELECT SWITCH	Power supply can be selected from USB (bus power from your computer) and the SDC-7 power adaptor. Switch it to OFF when you are not using the VCI-100MKII.
41	USB PORT	This port is to connect the VCI-100MKII to your computer.

※Please note the bundled software TRAKTOR LE does not enable free MIDI assign.

DRIVER SETUP

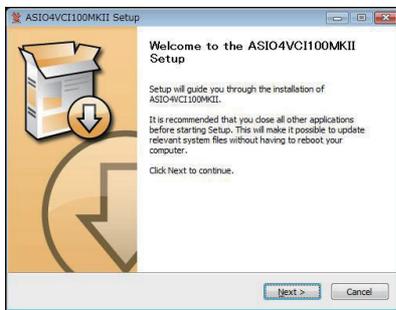
It is necessary to install the included audio driver to your computer before operating the VCI-100MKII.

※Driver installation is required for Windows only.

The ASIO4VCI100MKII audio driver will optimize the audio output setting of your Windows OS for operation with the VCI-100MKII.

1.Insert the included CD-ROM to your computer and double click on [ASIO4VCI-100MKII Installer].

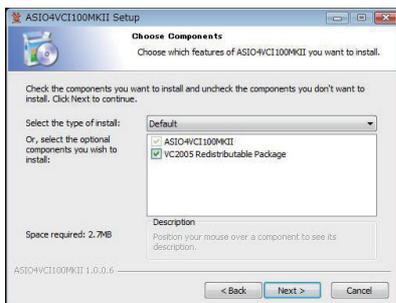
2.The installer will appear, click "Next".



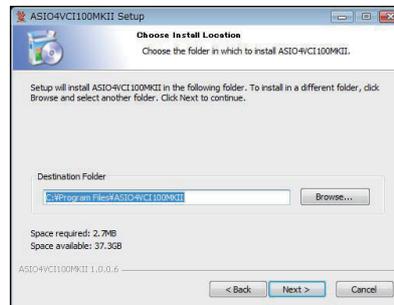
3.The license agreement will appear, click "I Agree".



4.Drivers to be installed will appear, click Next.



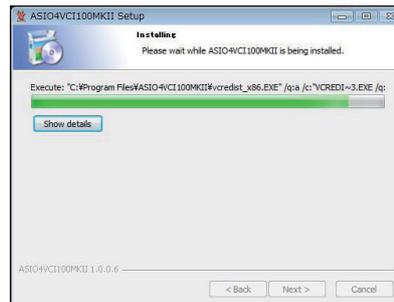
5.The installer will ask for a location for the driver to be saved, leave as it is unless it is necessary and click "Next".



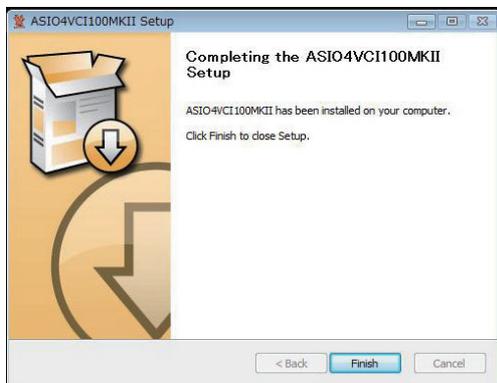
6.The installer will ask if you wish to create a shortcut file on your desktop, select and click "Install".



7.Installing started.



8. Click "Finish".



HARDWARE SETUP

■ Windows

1. Connect the VCI-100MKII to your computers USB port with the included USB cable.



2. If you wish to use the Vestax SDC-7 power adaptor, set the power select switch to "ADAPTOR". If you wish to use USB bus power, set the power select switch to "USB". The POWER LED of the VCI-100MKII will light up when power is ON.



NOTE: Please use the Vestax SDC-7 power adaptor if you are connecting the VCI-100MKII to a non-powered USB hub, or if your computers USB bus power supply is unstable. A powered USB hub is also an option for stable operation.

Windows will automatically install necessary drivers for the VCI-100MKII.

3. The VCI-100MKII will appear in Device manager (Control Panel/System/Hardware/Device Manager) as "USB Composite Device" under Universal Serial Bus if connected and recognized correctly.

■ Macintosh

1. Connect the VCI-100MKII to your computers USB port with the included USB cable.

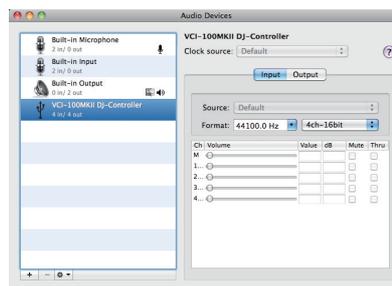


2. If you wish to use the Vestax SDC-7 power adaptor, set the power select switch to "ADAPTOR". If you wish to use USB bus power, set the power select switch to "USB". The POWER LED of the VCI-100MKII will light up when power is ON.



NOTE: Please use the Vestax SDC-7 power adaptor if you are connecting the VCI-100MKII to a non-powered USB hub, or if your computers USB bus power supply is unstable. A powered USB hub is also an option for stable operation.

3. The VCI-100MKII will appear in the Audio devices list in Audio MIDI Setup (Applications/Utilities/Audio MIDI Setup) as "VCI-100MKII DJ-Controller" if connected and recognized correctly.



INSTALL BUNDLED APPLICATION

■ How to install Traktor LE (Windows)

1. Open the install disk or downloaded installer.



2. The installer will start up. Click "Next".



3. Read the License Agreement and put a tick in the box next to "I accept the terms of the license agreement" and click "Next".



4. Click "Next".



5. You will be asked a location to install Traktor LE. If you have no preference, leave the location as is and click "Next".



6. If you are using a Native Instruments audio interface follow the instructions for settings. If you are using an audio interface from other manufacturers click "Next".



7. If you are using Kontrol X1, follow the instructions. If not, click "Next".



8. Click "Next" when the screen below appears.
Installation will begin.



9. Click "Finish"



Installation completed.

In order to use Traktor LE continuously, you need to activate your software.

Activation is a process required to authorize the use of software. Without activating your software, you will experience limits to certain features.

Make sure to activate your software.

How to install Traktor LE (Mac)

1. Click "Traktor Installer Mac.mpkg"



2. Click "Continue"



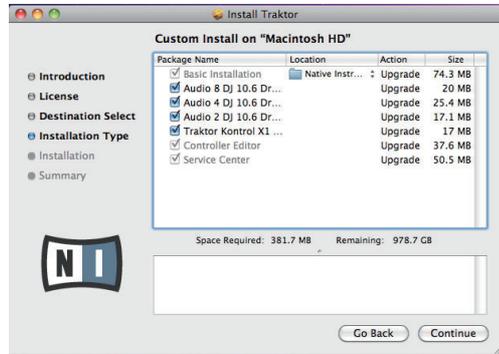
3. The installer will start once the file is unzipped.
Click "Continue"



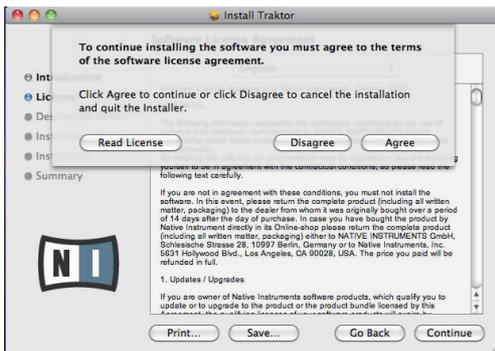
4. Read the license agreement and put a tick in "Continue"



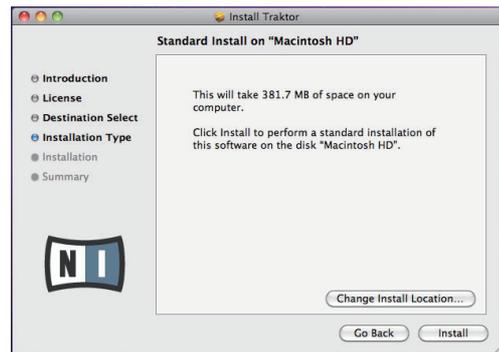
7. Click "Continue"



5. Click "Agree"



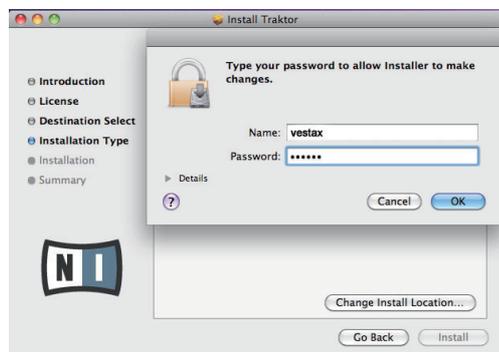
8. As default Traktor LE program files will be installed to the Applications folder. Click "Select Folder" if you wish to change the location. Click "Install".



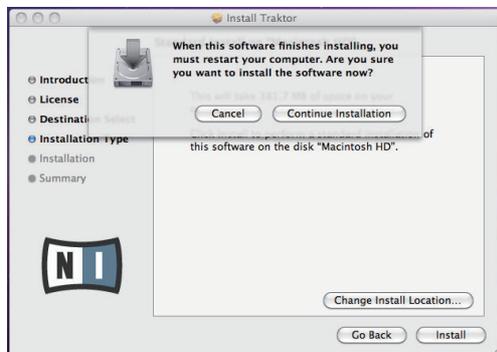
6. Click "Continue"



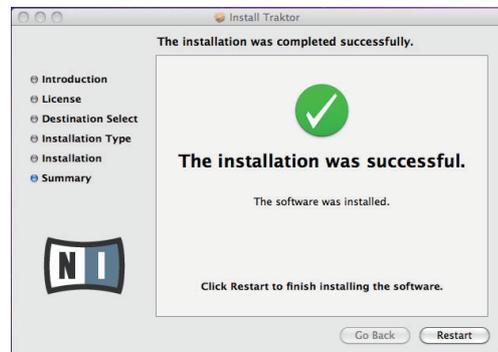
9. Enter your Macintosh password.



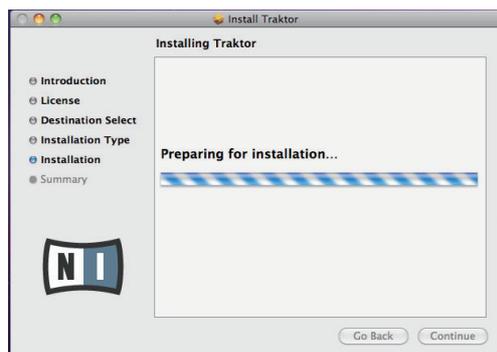
10. Click "Continue Installation"



12. Once installation has completed, click "Restart".



11. Start installing.



Installation completed.

In order to use Traktor LE continuously, you need to activate your software.

Activation is a process required to authorize the use of software. Without activating your software, you will experience limits to certain features.

Make sure to activate your software.

SOFTWARE ACTIVATION

■ How to activate Traktor LE (online)

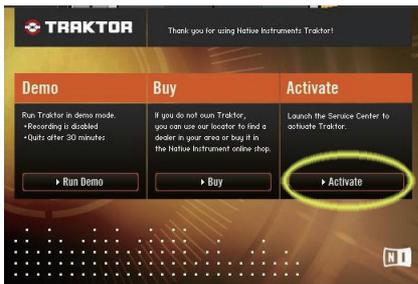
Below is how to activate bundled software TraktorLE. (Online)

Activation is a process required to authorize the use of software. Without activating your software, you will experience limits to certain features. Make sure to activate your software.

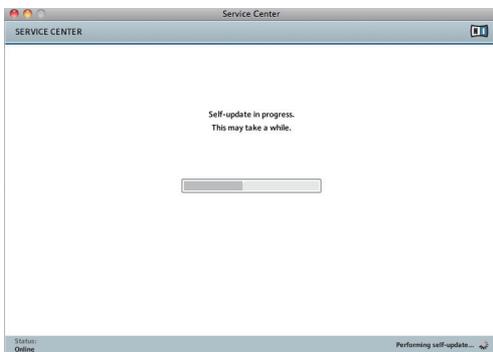
NOTE: The computer activating the software must have Internet connection.

1. Start Traktor LE

2. Click "Activate" once the screen below appears.



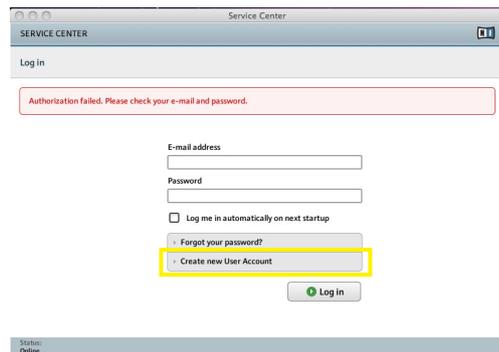
3. A software called SERVICE CENTER will start up. SERVICE CENTER has an automatic update feature, if there's any new updates available, it will be automatically downloaded. Click "OK"



4. If you have an NI account enter your username, password and click "Log in".

<How to create an account>

4-1. Click "Create new User Account"



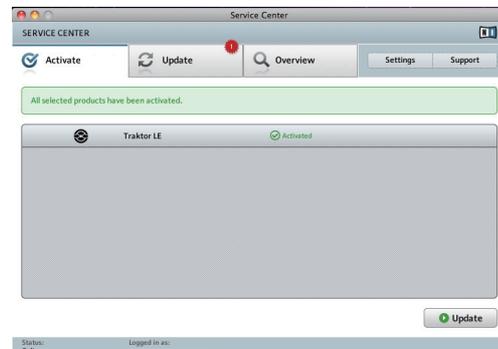
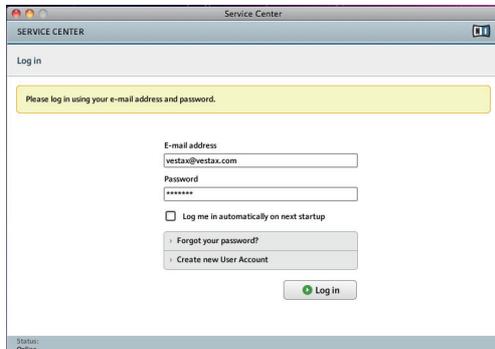
4-2. Enter all necessary boxes and click "Next".



4-3. You will receive an email from Native Instruments once registration is completed.



5. Type in the username and password included in the email from Native Instruments and login.

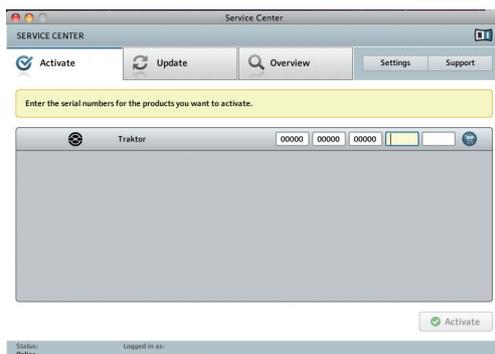


Activation completed!

6. You will be requested to answer a survey when logging in for the first time after creating an account. The survey is not required but it will be appreciated if you could kindly answer.

Click "OK" and the activation screen will appear.

7. Enter the serial number (25 digits) included and click "Activate"



■ How to activate Traktor (offline)

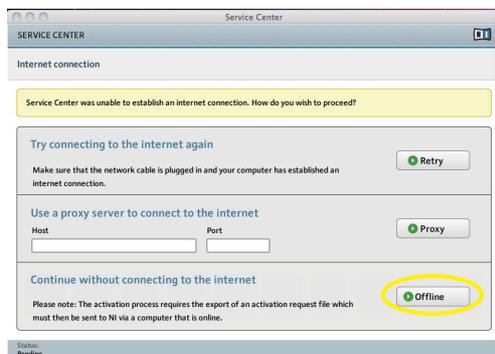
If the computer you have installed Traktor LE does not have internet connection, follow the steps below to activate the Traktor software you wish to use offline. (Online activation is much faster and easier than offline activation)

NOTE: You will need internet access through another computer to activate Traktor.

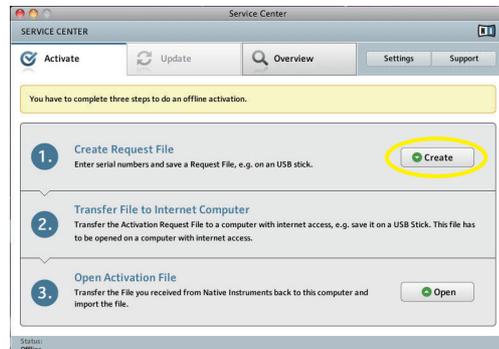
1.Start Traktor. Click the Activate button on the bottom right of the screen.



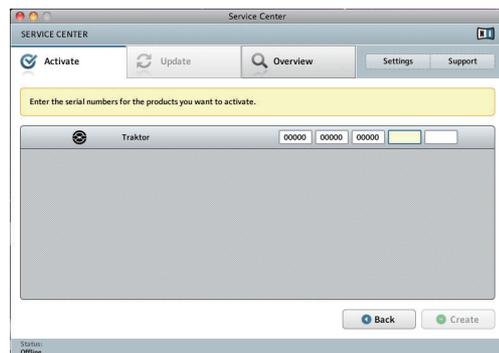
2.Click "Offline" on the right of "Continue without connecting to the internet"



3.On the next screen click the "Create" button under "Create Activation Request File"



4.Enter your serial number



5.After pressing the "Create" button you get a save dialog which allows to export the Activation Request File (ARF) on your computer.(saved as an html file)Transmit the ARF file to a computer which is connected to the Internet (e.g. via USB stick)

6.Double click ActivateRequestFile.html to open your Internet browser.

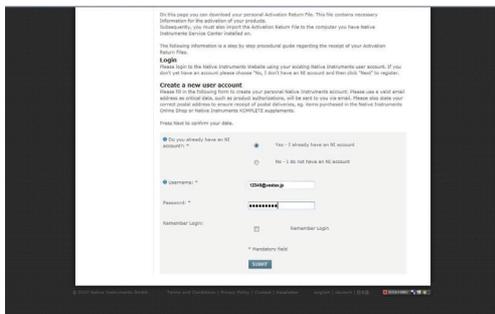
Press the "Send" button and follow the instructions on the screen.

During this process you are asked to log in with your username and password. If you have no user account yet, you are offered to create one.

7. Click "Next".

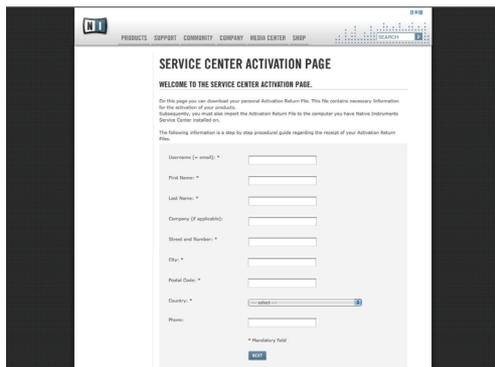


8-1. If you have an NI account enter your username, password and click "Submit".



8-2. If you do not have a NI account you will be asked to create one.

Follow the instructions on the screen.



You will receive an email from Native Instruments once registration is completed.

Write down the password and do not lose it!

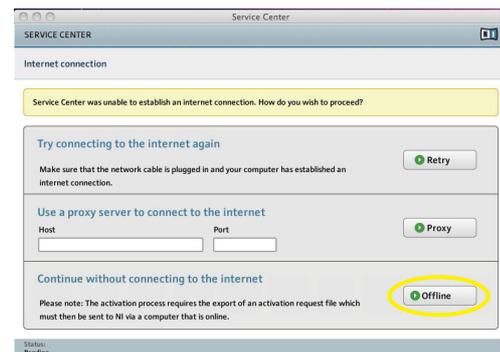
Once your account has been created, double click the ARS file to open your internet browser. Enter your username, password and click "Submit"

9. Download the Activation Return file on the last web page. Save the file to a USB stick or disk.

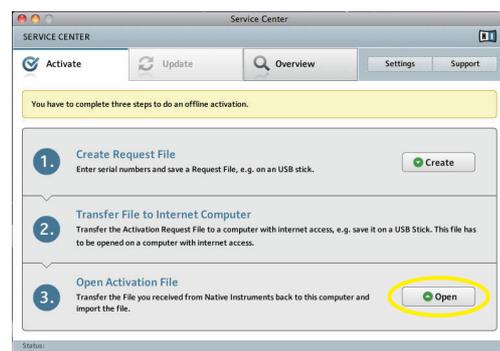
10. Transmit it back to your offline computer. Start Traktor LE. Click "Activate"



11. Click "Offline"



12. Click "Open" on the bottom right of the screen.



13. Choose the ActivateReturnFile.naf file and open it.

Activation completed!

AUDIO SETUP

Traktor LE Audio Setting

If VCI-100MKII isn't synchronizing with Traktor LE, the audio setting could possibly be not completed. Follow the steps below to complete the settings.

Make sure to install the driver (included in the disc Audio Driver CD ASIO4VCI100MKII) before using VCI-100MKII with a windows computer.

*Macintosh computers do not require driver installation.

*You can download driver from Vestax Support site.
(URL: help.vestax.co.jp/en/)

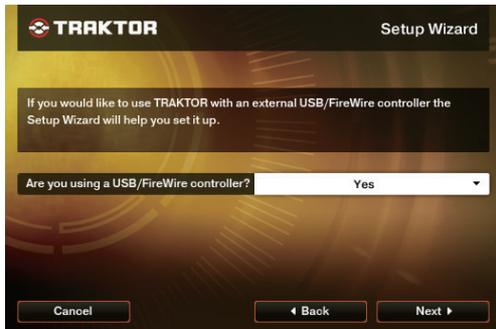
1. Connect the USB port of Typhoon to your computer's USB port with a USB cable.

2. Start Traktor LE

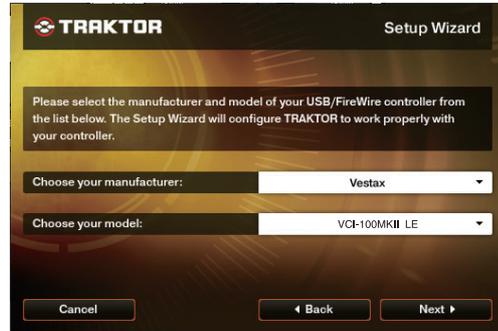
3. Open the Start Up Wizard from the  Preference menu located top Right of the screen, and click "Next".



4. 「Are you using an USB/Fire Wire controller? 」 will appear, choose "Yes" and click "Next".



5. 「Choose your manufacturer」 and 「Choose your model」 will appear, choose and , then click "Next".



6. 「Are you using a NI interface? 」 will appear, choose "Yes" if you are using a Native Instruments interface, choose "No" if you are using an interface from other manufacturers. Click "Next".



7. Click "Finish" and setup is completed.



If the situation does not change after following the steps above, try the steps below.

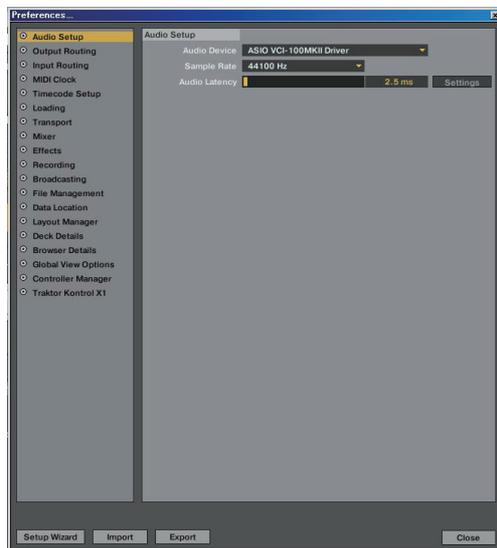
8. Open the Preference menu (click the icon on the right top of the screen that looks like a gear wheel)



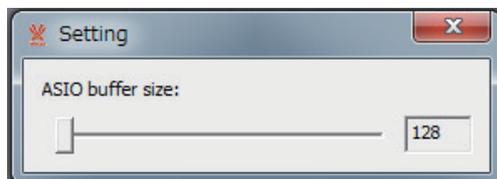
Open "Audio Setup" located on the left top.

Click on the "Audio Device" box and choose Asio for VCI-100MKII if using a Windows computer, "VCI-100MKII DJ Controller" if using a Macintosh computer.

※The name of the driver will differ in order to which OS you are using.



9. Software buffer size can be changed by clicking "Setting" in "Audio setup". Set the buffer size to a small value to reduce latency.



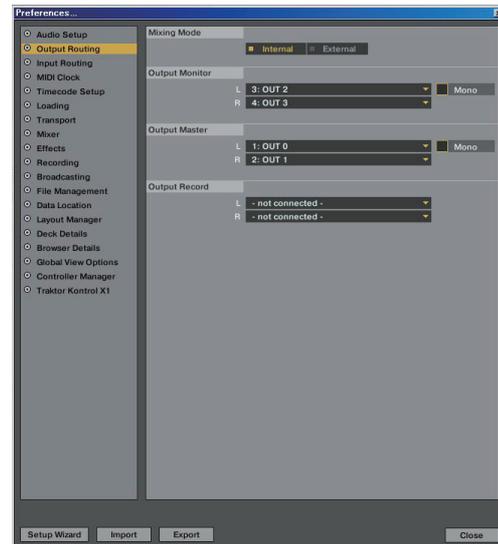
10. Open Output Routing (this is the input/output settings menu)

「Output Monitor」 (Output to headphones)

	Windows	Mac OS
L	3 : OUT2	Top Front Left
R	4 : OUT3	Top Front Center

「Output Master」 (Output to speakers)

	Windows	Mac OS
L	1 : OUT0	Back Center
R	2 : OUT1	Side Left

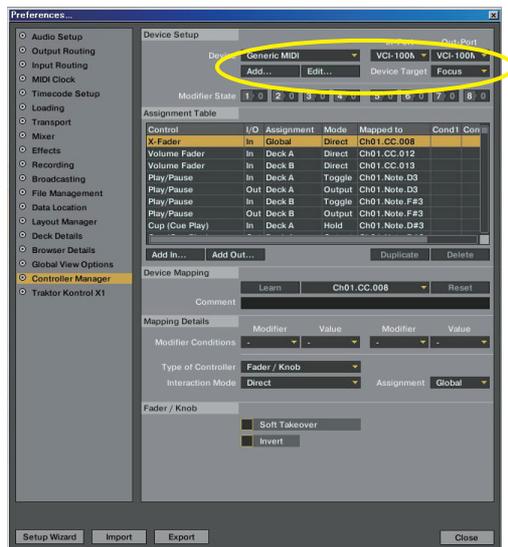


Set as above.

*Macintosh users: The output port description will change in order to which OS you are using.

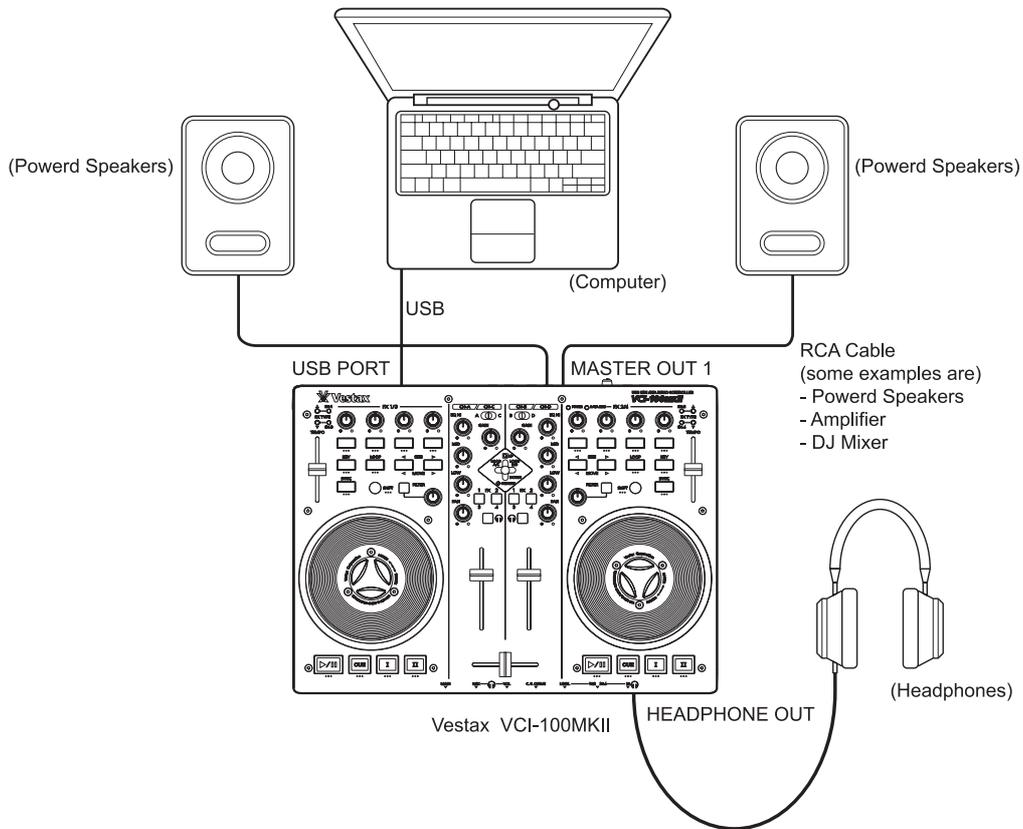
11. Next set the “Controller Manager”.

Set 「Device」 to “Generic MIDI”, 「In Port」 and 「Out Port」 to “VCI-100MKII”.



Setting Completed

HOW TO PLAY



SPECIFICATIONS

POWER:5V(USB POWER)
POWER CONSUMPTION:480mA
POWER ADAPTOR:Vestax SDC-7 (DC7.5V 1000mA)(Not included)
MEASUREMENT:368(W)x270(D)x38(H)mm
WEIGHT:2.1kg

Resolution: 16bits
Sampling Rate: 44.1kHz
Master Output Level: 2dB \pm 0.2dBV (without adaptor) 6dBV \pm 0.2dBV(with adaptor)
Headphone Output Level: 2dB \pm 0.2dBV (without adaptor) 5dBV \pm 0.2dBV(with adaptor)
Master THD+N: Less than 0.02%
Headphone THD+N: Less than 0.07%
Master SN Ratio: Less than -80dBV
Headphone SN Ratio: Less than -80dBV
Master Crosstalk: Less than -80dBV
Headphone Crosstalk: Less than -70dBV

- Design, features and system requirements are subject to change without notice for future improvements.
- Vestax is a registered trade mark of Vestax Corporation
- All brand names and product names are registered trademarks of their respective companies.

TROUBLE SHOOTING

Problem	Solutions
The VCI-100MKII doesn't turn ON	Please check if the USB cable is connected correctly to the VCI-100MKII and your computer. Also check that the power switch is set to USB. If you are using the power adaptor, set the power switch to ADAPTOR
The JOG wheel back light stays red and doesn't turn blue / The JOG wheel doesn't respond	The sensor settings can possibly be too high. Please adjust the sensor knobs located on the rear panel of the VCI-100MKII. (The adjustment point can differ between the left and right JOG wheel)
The DATA SEND LED doesn't turn on	The power may not be turned on. Please see if the power switch is set to USB. There could be a hardware of MIDI signals not being sent. Please contact your regional Vestax distributor or the store you purchased the VCI-100MKII..
The computer doesn't identify the VCI-100MKII	Communication between a computer and external devices can be tricky sometimes. This can relate to several causes such like the order of starting the software, the computer not fulfilling the minimum system requirement for the VCI-100MKII and software, or using a faulty USB cable. Some computers may have USB ports that identify the VCI-100MKII and some that do not. If you are a Windows user, your registry could be cluttered, which can cause many issues. > Please check if the USB cable is connected correctly > Try all USB ports on your computer > Test with another USB cable > Check if your computer fulfills the minimum system requirement > Start the software after connecting the VCI-100MKII and turning on the power. > Clean up your MIDI driver registry. This can be tricky and we strongly recommend referring to the Microsoft support page before editing or deleting anything.
The VCI-100MKII doesn't synchronize with the software	Please check the MIDI setup and Audio setup of the software (see p.40) Try all USB ports on your computer. Some computers may have USB ports that identify the VCI-100MKII and some that do not Using a USB2.0 hub can sometimes correct the communication between your computer and the VCI-100MKII. The VCI-100MKII may fail to sync with your computer if it does not fulfill the minimum system requirement. Please check if your computer fulfills the minimum system requirement of the VCI-100MKII and the software.
There's no sound	Please check the following >Is each volume fader and knob turned up? Please also check the volume settings of your stereo and speakers. >Check the VCI-100MKII output connections >Check the audio setting of the software
There's a noise in the sound	If you are experiencing a noise in the sound please check the following. >Check if your computer fulfills the minimum system requirement of the VCI-100MKII and software. Noises can be caused due to poor computer performance. >The audio device settings may be incorrect. Check the software audio settings (see p.40) >Check if the included audio driver for VCI-100MKII is installed.
I can't install the software	Please check if you're logged in as Administrator. Installation may also fail when other applications are running, make sure to close all. Check if your computer fulfills the minimum system requirement of the VCI-100MKII and software. Installation may fail if your computer doesn't fulfill the requirements.
I can't install the included audio driver	Check if your computer fulfills the minimum system requirement of the VCI-100MKII and software. Installation may fail if your computer doesn't fulfill the requirements. The installer CD-ROM may possibly be damaged. Please download the audio driver from the Vestax website. (www.help.vestax.co.jp/en/)
There's no sound in the headphones	Please check the monitor volume setting and make sure the monitor button is turned on.
How can I play the sound out from my computers speakers?	If you wish to play the sound out from your computers speakers, go to audio setup of the software and select "built-in speakers". Please note the monitoring feature will be discarded when this setting is applied.

※1 Please note operation with computers with less specification than the minimum system requirements below is not guaranteed.

※2 Please follow the items below to pursue stable operation of the VCI-100MKII and Traktor.

- Close all applications excluding Traktor
- Close all resident software (anti virus, etc)
- Turn off Wi-Fi connection
- Turn off all drivers of other devices

※3 Latest product support, FAQ and downloads is available from the Vestax support website.

Please refer the support website for updated information. www.help.vestax.co.jp/en/

MIDI MAP

SWITCH				MIDI Channel			
Control	Number	MIDI	MIDI+SHIFT	Deck A (FX1)	Deck C (FX3)	Deck B (FX2)	Deck D (FX4)
L - EFFECT TYPE Up	SW_01	G# 1		Ch 1	Ch 3		
L - EFFECT TYPE Down	SW_02	A 1		Ch 1	Ch 3		
L - EFX_Parameter_On	SW_03	G# 2	E 5	Ch 1	Ch 3		
L - EFX_Parameter_Reset	SW_04	C# 2	A 4	Ch 1	Ch 3		
L - EFX_Parameter_1	SW_05	Eb 2	B 4	Ch 1	Ch 3		
L - EFX_Parameter_2	SW_06	E 2	C 5	Ch 1	Ch 3		
L - PLAY	SW_07	Bb 1	F# 4	Ch 1	Ch 3		
L - SET CUE	SW_08	B 1	G 4	Ch 1	Ch 3		
L - I	SW_09	F# 2	D 5	Ch 1	Ch 3		
L - II	SW_10	G 2	Eb 5	Ch 1	Ch 3		
L - SYNC	SW_11	C 2	G# 4	Ch 1	Ch 3		
L - LOOP	SW_12	D 2	Bb 4	Ch 1	Ch 3		
L - KEY	SW_13	A 2	F 5	Ch 1	Ch 3		
L - SIZE FWD	SW_14	F 2	C# 5	Ch 1	Ch 3		
L - SIZE BACK	SW_15	Eb 3	B 5	Ch 1	Ch 3		
L - FILTER_ON	SW_16	A 3		Ch 1	Ch 3		
L - SHIFT	SW_17	C 2		Ch 5	Ch 5		
L - Deck_Switch_A_Hold	SW_18	E 3		Ch 1	Ch 1		
L - Deck_Switch_C_Hold	SW_19	F 3		Ch 1	Ch 1		
L - MONITOR	SW_20	F# 3	Bb 5	Ch 1	Ch 3		
L - FX1	SW_21	Bb3	G 5	Ch 1	Ch 3		
L - FX2	SW_22	G# 3	G# 5	Ch 1	Ch 3		
R - EFFECT TYPE Up	SW_23	G# 1				Ch 2	Ch 4
R - EFFECT TYPE Down	SW_24	A 1				Ch 2	Ch 4
R - EFX_Parameter_On	SW_25	E 2	C 5			Ch 2	Ch 4
R - EFX_Parameter_Reset	SW_26	C# 2	A 4			Ch 2	Ch 4
R - EFX_Parameter_1	SW_27	Eb 2	B 4			Ch 2	Ch 4
R - EFX_Parameter_2	SW_28	G# 2	E 5			Ch 2	Ch 4
R - PLAY	SW_29	Bb 1	F# 4			Ch 2	Ch 4
R - SET CUE	SW_30	B 1	G 4			Ch 2	Ch 4
R - I	SW_31	F# 2	D 5			Ch 2	Ch 4
R - II	SW_32	G 2	Eb 5			Ch 2	Ch 4
R - SYNC	SW_33	C 2	G# 4			Ch 2	Ch 4
R - LOOP	SW_34	Eb 3	B 5			Ch 2	Ch 4
R - KEY	SW_35	A 2	F 5			Ch 2	Ch 4
R - SIZE FWD	SW_36	D 2	Bb 4			Ch 2	Ch 4
R - SIZE BAK	SW_37	F 2	C# 5			Ch 2	Ch 4
R - FILTER_ON	SW_38	A 3				Ch 2	Ch 4
R - SHIFT	SW_39	E 3				Ch 5	Ch 5
R - Deck_Switch_B_Hold	SW_40	E 3				Ch 2	Ch 4
R - Deck_Switch_D_Hold	SW_41	F 3				Ch 2	Ch 4
R - MONITOR	SW_42	F# 3	Bb 5			Ch 2	Ch 4
R - FX1	SW_43	Bb3	G 5			Ch 2	Ch 4
R - FX2	SW_44	G# 3	G# 5			Ch 2	Ch 4
Brower_Preview	SW_45	F# 3		Ch 5	Ch 5	Ch 5	Ch 5
Brower_Up	SW_46	G 3		Ch 5	Ch 5	Ch 5	Ch 5
Brower_Down	SW_47	G# 3		Ch 5	Ch 5	Ch 5	Ch 5
Brower_Load_A/C	SW_48	G 3		Ch 1	Ch 3		
Brower_Load_B/D	SW_49	G 3				Ch 2	Ch 4
Touch On/Off				MIDI Channel			
LEFT DECK touch	SW_50	B 3		Ch 1	Ch 3		
RIGHT DECK touch	SW_51	B 3				Ch 2	Ch 4
JOG Wheel				MIDI Channel			
LEFT WHEEL	ENC01	CC16		Ch 1	Ch 3		
RIGHT WHEEL	ENC02	CC16				Ch 2	Ch 4
VOLUME				MIDI Channel			
L - EFX_Wet/Dry	VR01	CC22		Ch 1	Ch 3		
L - EFX_Parameter 1	VR02	CC23		Ch 1	Ch 3		

Control	Number	MIDI	MIDI+SHIFT	Deck A (FX1)	Deck C (FX3)	Deck B (FX2)	Deck D (FX4)
L - EFX_Parameter 2	VR03	CC24		Ch 1	Ch 3		
L - EFX_Parameter 3	VR04	CC25		Ch 1	Ch 3		
L - EQ_Hi_Hi	VR05	CC17		Ch 1	Ch 3		
L - EQ_Mid_Hi	VR06	CC18		Ch 1	Ch 3		
L - EQ_Mid	VR07	CC19		Ch 1	Ch 3		
L - EQ_Low	VR08	CC20		Ch 1	Ch 3		
L - EQ_TRIM	VR09	CC21		Ch 1	Ch 3		
L - Filter	VR10	CC26		Ch 1	Ch 3		
L - Pitch_Fader	VR11	CC27	CC30	Ch 1	Ch 3		
		CC43	CC46	Ch 1	Ch 3		
L - Volume_Fader	VR12	CC28		Ch 1	Ch 3		
		CC44		Ch 1	Ch 3		
		CC23				Ch 2	Ch 4
R - EFX_Wet/Dry	VR13	CC23				Ch 2	Ch 4
R - EFX_Parameter 1	VR14	CC24				Ch 2	Ch 4
R - EFX_Parameter 2	VR15	CC25				Ch 2	Ch 4
R - EFX_Parameter 3	VR16	CC26				Ch 2	Ch 4
R - EQ_Hi_Hi	VR17	CC20				Ch 2	Ch 4
R - EQ_Mid_Hi	VR18	CC28				Ch 2	Ch 4
R - EQ_Mid	VR19	CC19				Ch 2	Ch 4
R - EQ_Low	VR20	CC18				Ch 2	Ch 4
R - EQ_TRIM	VR21	CC21				Ch 2	Ch 4
R - Filter	VR22	CC27				Ch 2	Ch 4
R - Pitch_Fader	VR23	CC17	CC30			Ch 2	Ch 4
		CC33	CC46			Ch 2	Ch 4
R - Volume_Fader	VR24	CC22				Ch 2	Ch 4
		CC38				Ch 2	Ch 4
CROSS FADER	VR25	CC16		Ch 5	Ch 5	Ch 5	Ch 5
		CC32		Ch 5	Ch 5	Ch 5	Ch 5
Fader Curve	VR26	CC17		Ch 5	Ch 5	Ch 5	Ch 5
HeadPhone Volume	VR27	CC18		Ch 5	Ch 5	Ch 5	Ch 5
HeadPhone Mixer	VR28	CC19		Ch 5	Ch 5	Ch 5	Ch 5
MAIN Level Output	VR29	CC20		Ch 5	Ch 5	Ch 5	Ch 5
LED				MIDI Channel			
L - EFX_Parameter_On	LED01	G# 2		Ch 1			
	LED02	G# 2			Ch 3		
L - EFX_Parameter_Reset	LED03	C# 2		Ch 1			
	LED04	C# 2			Ch 3		
L - EFX_Parameter_1	LED05	Eb 2		Ch 1			
	LED06	Eb 2			Ch 3		
L - EFX_Parameter_2	LED07	E 2		Ch 1			
	LED08	E 2			Ch 3		
L - PLAY	LED09	Bb 1		Ch 1			
	LED10	Bb 1			Ch 3		
L - SET CUE	LED11	B 1		Ch 1			
	LED12	B 1			Ch 3		
L - I	LED13	F# 2		Ch 1			
	LED14	F# 2			Ch 3		
L - II	LED15	G 2		Ch 1			
	LED16	G 2			Ch 3		
L - SYNC	LED17	C 2		Ch 1			
	LED18	C 2			Ch 3		
L - FILTER_ON	LED19	A 3		Ch 1	Ch 3		
L - KEY	LED20	A 2		Ch 1			
	LED21	A 2			Ch 3		
L - LOOP	LED22	F 2		Ch 1			
	LED23	F 2			Ch 3		
L - SIZE BAK	LED24	D 2		Ch 1			
	LED25	D 2			Ch 3		
L - SIZE FWD	LED26	Eb 3		Ch 1			
	LED27	Eb 3			Ch 3		
L - MONITOR	LED28	F# 3		Ch 1	Ch 3		
L - FX1	LED29	Bb3		Ch 1	Ch 3		
L - FX2	LED30	G# 3		Ch 1	Ch 3		
R - EFX_Parameter_On	LED31	E 2				Ch 2	

Control	Number	MIDI	MIDI+SHIFT	Deck A (FX1)	Deck C (FX3)	Deck B (FX2)	Deck D (FX4)
	LED32	E 2					Ch 4
R - EFX_Parameter_Reset	LED33	C# 2				Ch 2	
	LED34	C# 2					Ch 4
R - EFX_Parameter_1	LED35	Eb 2				Ch 2	
	LED36	Eb 2					Ch 4
R - EFX_Parameter_2	LED37	G# 2				Ch 2	
	LED38	G# 2					Ch 4
R - PLAY	LED39	Bb 1				Ch 2	
	LED40	Bb 1					Ch 4
R - SET CUE	LED41	B 1				Ch 2	
	LED42	B 1					Ch 4
R - I	LED43	F# 2				Ch 2	
	LED44	F# 2					Ch 4
R - II	LED45	G 2				Ch 2	
	LED46	G 2					Ch 4
R - SYNC	LED47	C 2				Ch 2	
	LED48	C 2					Ch 4
R - FILTER_ON	LED49	A 3				Ch 2	Ch 4
R - KEY	LED50	A 2				Ch 2	
	LED51	A 2					Ch 4
R - LOOP	LED52	F 2				Ch 2	
	LED53	F 2					Ch 4
R - SIZE BAK	LED54	D 2				Ch 2	
	LED55	D 2					Ch 4
R - SIZE FWD	LED56	Eb 3				Ch 2	
	LED57	Eb 3					Ch 4
R - MONITOR	LED58	F# 3				Ch 2	Ch 4
R - FX1	LED59	Bb3				Ch 2	Ch 4
R - FX2	LED60	G# 3				Ch 2	Ch 4

