Vestax
for the *people*

Typhoon

OWNER'S MANUAL P.14〜

TABLE OF CONTENTS

SAFETY PRECAUTIONS

C A U T I O N
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTI0N : TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING T0 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 consitute 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 0R ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO   RAIN 0R M0ISTURE.

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

All you need to do is connect Typhoon to your computer with a USB cable,
and you will have everything you need to DJ.

Play your favorite music, at your favorite places and whenever you like.

Don't think too much, just choose your favorite songs, adjust and control the music with your fingertips.

Feel the Music!

ACCESSORIESS

- OWNER'S MANUAL
- USB CABLE
- CD-ROM（Traktor LE)
- CD-ROM(driver）
- QUICK START GUIDE

MINIMUM SYSTEM REQUIREMENTS

Macintosh

OS : Mac OSX 10.4.11 or Higher

CPU：Intel Core DUO 1.66GHz or Higher

An Available USB Port

CD-ROM Drive

Windows

OS：Windows XP（SP2/32Bit)／Vista（32Bit)／7（32Bi t ）

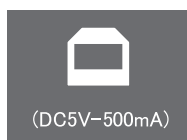CPU :Intel Core DUO 1.4GHz以上

An Available USB Port

CD-ROM Drive

※ Support for Bundled software only.
※ 64bit not compatible
※ Not support AMD CPU

SETUP

Windows

1. Connect Typhoon to your computers USB port with the included USB cable.

(DC5V-500mA)

2. Switch the power select switch located on the rear panel to USB.

ADAPTOR OFF USB

Driver Install

Typhoon requires an audio driver to be installed for operation.

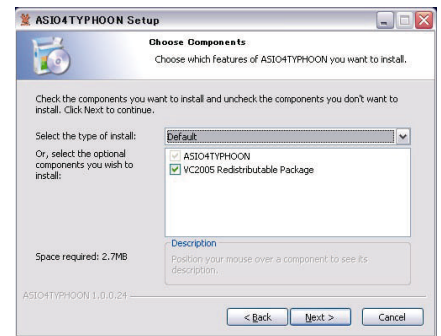1-1 Insert the included CD-ROM to your computer and double click on [ASIO4TYPHOONInstaller]

ASIO4TYPHOONInstaller - v1.0.0.24
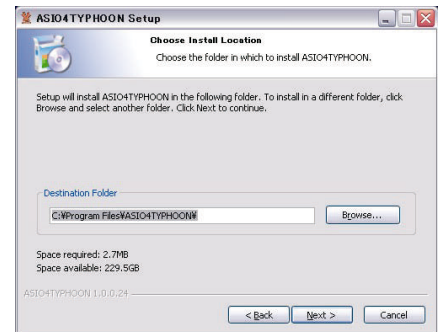
2-1 The installer will appear, click Next

2-2 The license agreement will appear, click I Agree

2-3   Drivers to be installed will appear, click Next

2-4   The installer will ask for a location for the driver to be saved,
       leave as it is unless it is necessary and click Next

2-5   The installer will ask if you wish to create a shortcut file on your desktop,
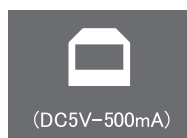   select and click Install.

3-1   Click Finish

SET UP

Macintosh

Typhoon is a driver free controller. Simply connect Typhoon to your computer with a USB cable and you're all set.

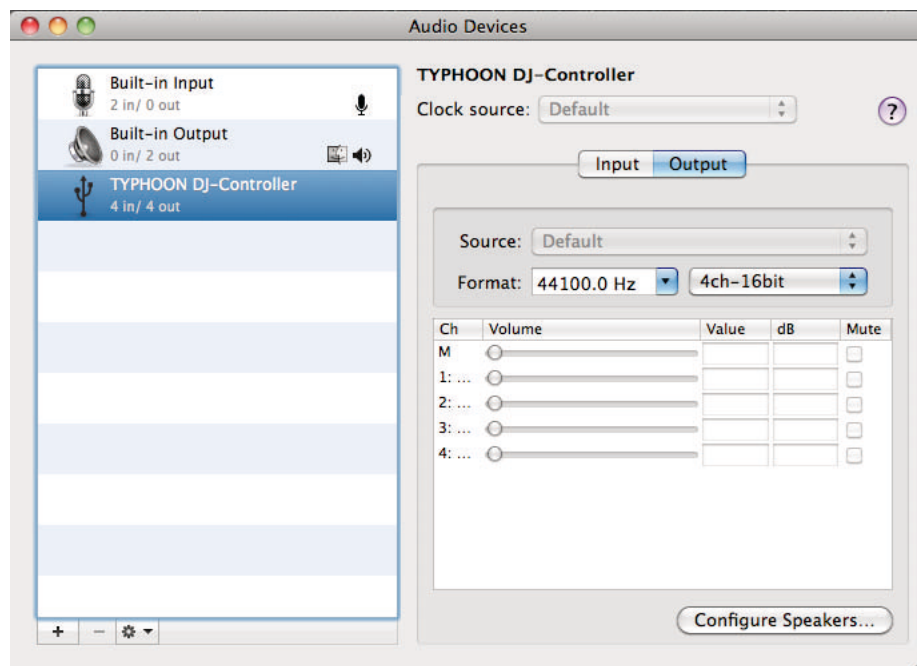1. Connect Typhoon to your computers USB port with a USB cable.

(DC5V−500mA)

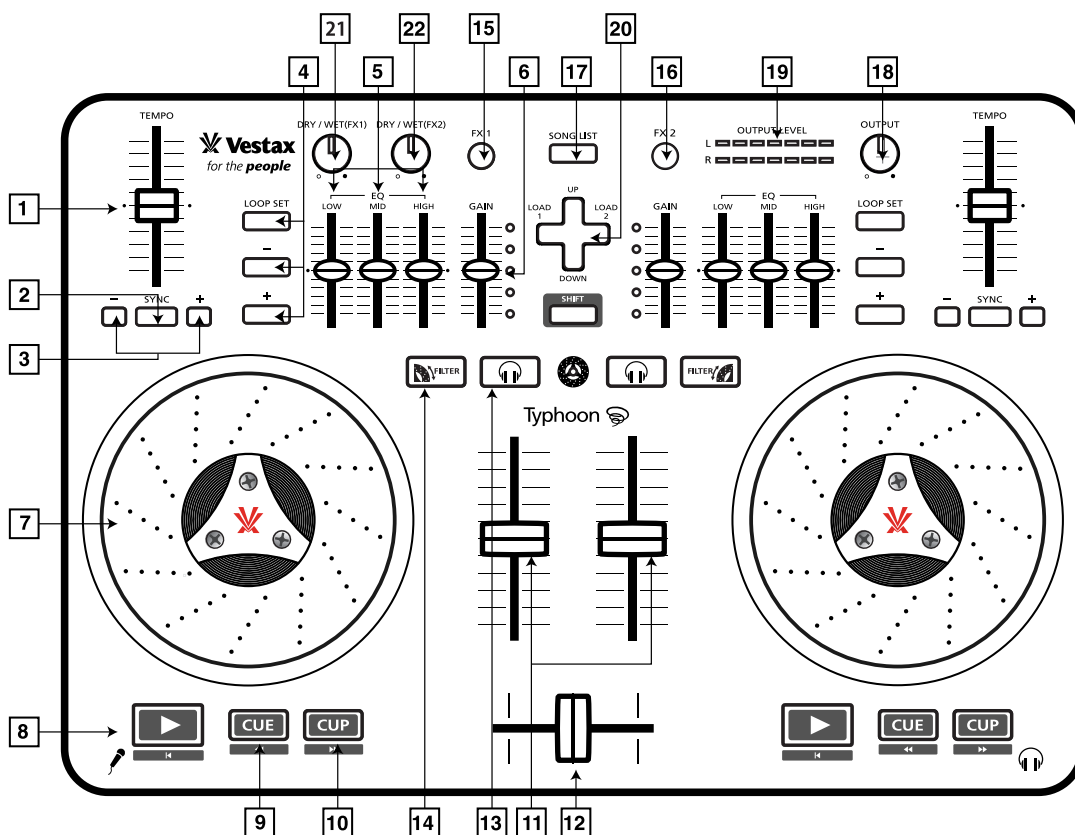2. Set the power switch on the rear panel of Typhoon to USB.

ADAPTOR OFF USB

To check if your Mac has properly identified Typhoon, follow the following steps.

1.Go to Macintosh HD > Applications > Utilities. Open "Audio MIDI Setup"

2.Please confirm Typhoon is displayed.

*See the support manual for application setup.

PART NAMES & FUNCTIONS

★ DJ Control Section

NO.	KEY	FUNCTION
1	TEMPO SLIDER	Speeds up & down the songs playing speed
2	SYNC	Synchronizes the BPM (beats per minute) of the song to the BPM of the song playing on the opposite deck.
3	PITCH BEND	Instantly speeds up & down the songs playback speed
4	LOOP SECTION	Push the LOOP SET button to start playing a loop within the song. The length of the loop is adjusted with the +/- button.
5	EQ section	The three knobs adjusts the HIGH, MID, and LOW frequency of each channel
6	GAIN	Adjusts the volume of the loaded song
7	JOG / PLATTER	Controls the loaded song just like a vinyl record found on turntables. You can control the pitch by touching the edge of the JOG.
8	Play	Plays the loaded song
9	CUE	Sets a CUE point within the song. A CUE point is a position in the song where you wish to start playback.
10	CUP	Move the cursor to the CUE point. Push the CUE button and the song will start playing from the CUE point.
11	Volume Fader	Adjusts the output volume of each deck.
12	Cross Fader	Adjusts the output balance between the songs playing on deck 1 and 2.
13	Monitoring	Outputs the loaded song to your headphones. Songs can be monitored without raising the Volume Fader.
14	FILTER	A filter effect can be applied by spinning the JOG wheel while the button is switched ON. Spin anti-clockwise for a low pass filter. Spin clockwise for a high-pass filter.
15 / 16	FX1 / FX2	ON/OFF switch for effects.
17	SONG LIST	The song list is showed as long as the button is pressed.
18	OUTPUT	Adjusts the master output level
19	OUTPUT LEVEL	Indicates the master output level in colors
20	CURSOR	Selects songs by pushing up & down. Loads songs by pushing left & right.
21 / 22	DRY /WET	Adjusts the FX Volume.
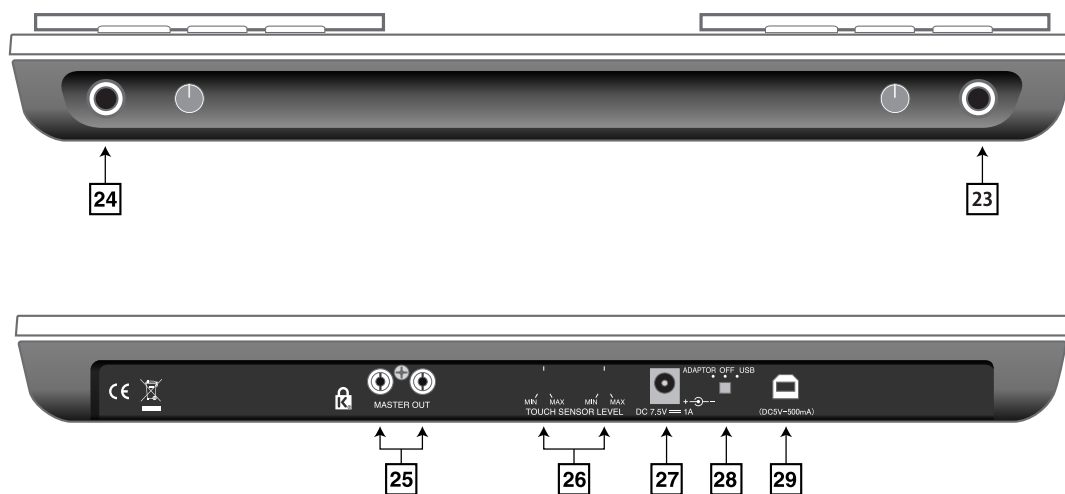
Audio I/O

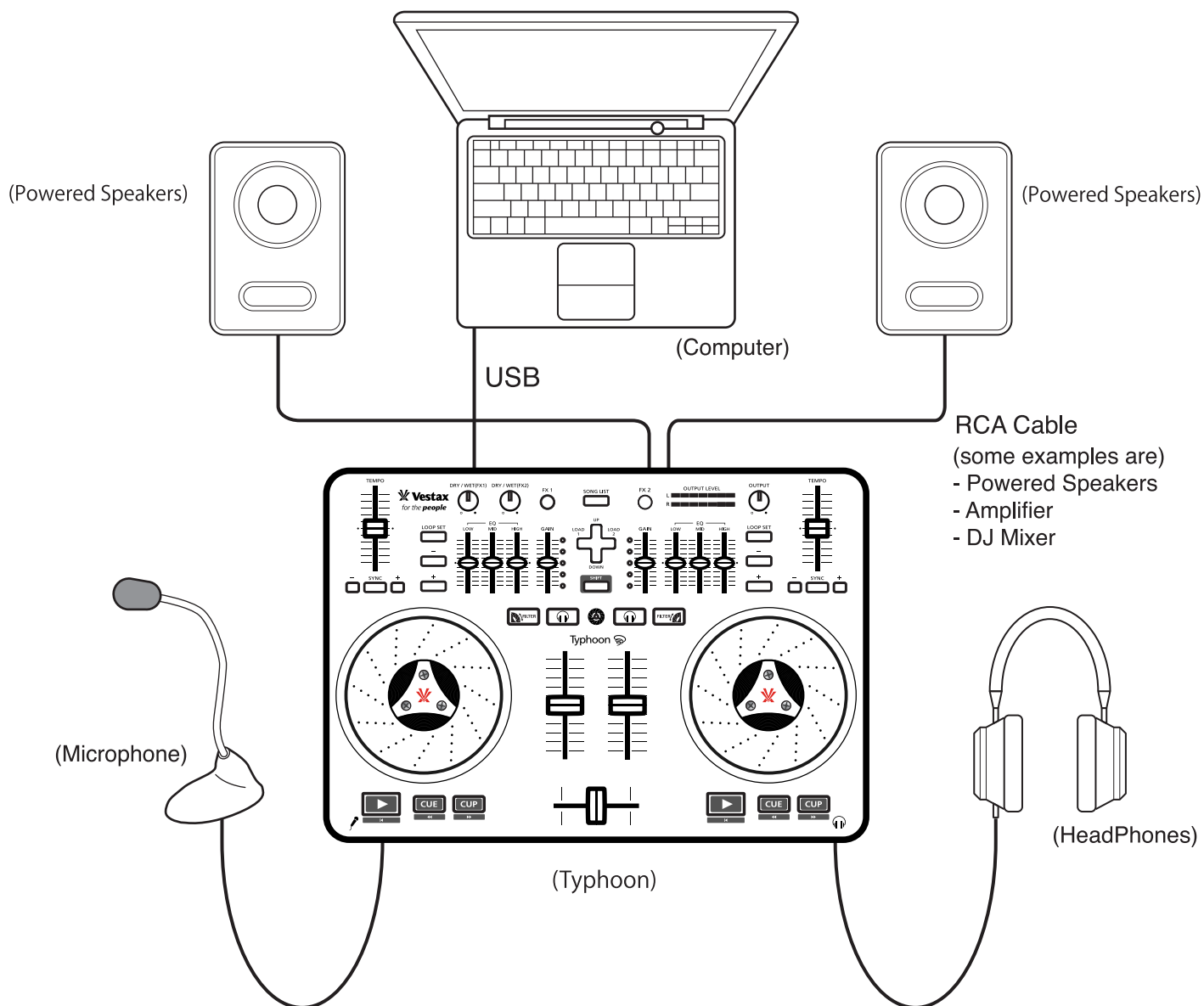| NO.	KEY	FUNCTION
3	HEADPHONE OUT	Connection for headphones Adjusts the volume of Headphone
24	MIC INPUT	Connection for microphones *Macintosh does not support
25	MASTER OUT	Connection for master output.

Others

NO.	KEY	FUNCTION
26	TOUCH SENSOR LEVEL	Adjusts the sensitivity of the jog wheel
27	DC POWER INPUT	Connection for DC adaptor: DC7.5V 1A(Option)
28	POWER SOURCE SELECTION	Selects the power source between the DC Adaptor, OFF, and USB
29	USB Socket	For connecting Typhoon to your computer.

SHIFT

Push SHIFT together with other buttons to enable the buttons double features.

SHIFT + PLAY :   Back to start point
SHIFT + CUE :   Skipping
SHIFT + CUP :   FF

SETUP (Example)

(Powered Speakers)

(Powered Speakers)

(Computer)

USB

RCA Cable
(some examples are)
- Powered Speakers
- Amplifier
- DJ Mixer

(Microphone)

(HeadPhones)

(Typhoon)

*Items other than Typhoon illustrated in the images
below are not included
* Macintosh does not support MIC Input

*See page 17 of the users manual

SUPPORT

TROUBLE SHOOTING

1) The computer doesn't recognize the Typhoon

- Please connect to another USB port.
- Check if the USB cable is connected correnctly.
- If the Typhoon is connected via USB hub, check if the problem can be solved by connecting directly to the computer.

2) There's no sound coming from the Typhoon

- Check if the audio cable is connected correctly.
- Check whether the power supply of the amplifier (or Speaker) has been turned on.

OFFICIAL SUPPORT CHANNEL

For Typhoon hardware support and customer service,

Vestax Global Support
https://www.vestax.jp/info/contact/ci/index.php

SPECIFICATIONS

SIZE : 354mm(W) x 240mm(D) x 35mm(H) [45mm(H) with knobs]
Weight : 1.5kg
VOLTAGE : 5V(USB POWER)
POWER CONSUMPTION : 500mA
POWER ADAPTOR : DC7.5V 1A(Option)

Vestax
for the people

Typhoon

Quick Start Guide P.15～

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SETUP

■Windows

1 Connect Typhoon to your computer with the included USB cable.

2 Switch the power select switch located on the rear panel to USB, the power LED on the top panel will turn on.
    (Select DC-7.5V ADAPTOR if using the Vestax power adaptor)

NOTE: The Typhoon cannot operate at its best when connected to a non-powered USB hub and when
        the computers remaining battery is low.
        It is recommended to use the Vestax power adaptor for stable operation.

    On Windows XP a message saying "New hardware found" will appear, and the required drivers will be
    automatically installed. (The message may not appear when the Typhoon is connected for the second time
    or when the driver is already installed)

3 To check connection status in Windows XP, view [control panel] > [system] > [hardware] > [device manager] >
    inside USB controller find [USB combined device] (Property: Location: Vestax Typhoon)

■Macintosh

1 Connect Typhoon to your computer with the included USB cable.

2 Switch the power select switch located on the rear panel to USB, the power LED on the top panel will turn on.
    (Select DC-7.5V ADAPTOR if using the Vestax power adaptor)

NOTE: The Typhoon cannot operate at its best when connected to a non-powered USB hub and when
        the computers remaining battery is low. It is recommended to use the Vestax power adaptor
        for stable operation.

3 To check the connection status in Macintosh, view [Applications] > [Utilities] >
    [Audio MIDI setting] > [MIDI device] and find the Typhoon icon as shown in the picture.
    Click the [Typhoon] icon to see property.

    Device: Typhoon
    Manufacture: Vestax
    Model: Typhoon

Traktor LE INSTALL & SETUP

Install Traktor LE (Bundled Software)

1-1 Insert the included installer disc to your computer.

2-1 Click [Traktor] to start the installer.

2-2 Once the file is unzipped and the installer has appeared, click Next.

3-1 Put a tick in the left bottom box to agree to the license agreement and click Next.

4-1 Choose [Complete] and click Next. The installer will ask if you wish to install Native Instruments interface driver. If you wish the driver together, put a tick in the box and click Next.

5-1 A summary of the current status will appear, confirm and click Next.
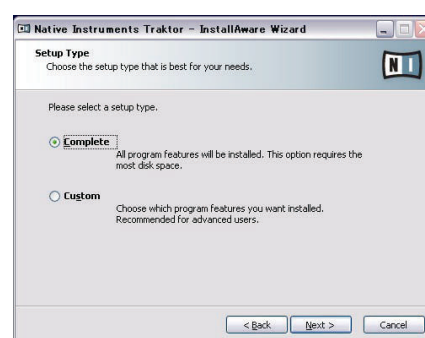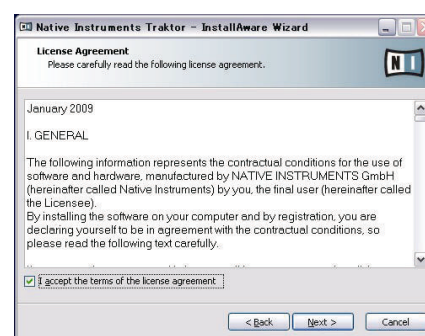
6-1 The installation will start.

7-1 Once the installation is completed the message below will
appear. Put a tick in any preferred box and click Finish to
end the installer.
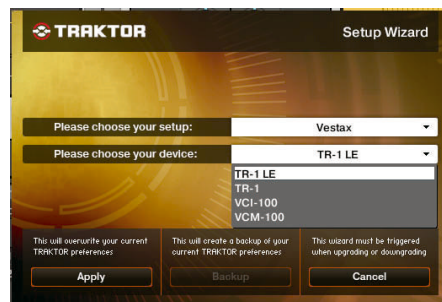
8-1 The following window will appear when starting Traktor
for the first time. Choose a command to start. Choose
Vestax as your setup, and Typhoon as your device.

「Demo」・・・To use demo features only. (30days limitation)
「Buy」・・・Purchase Traktor serial online
「Activate」・・・Activates the purchased serial

9-1 The preference menu will appear when first starting
Traktor.
Set each setting to your preference.
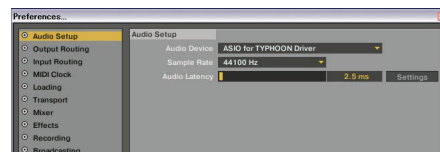
「Audio Setup」・・・Audio interface selection & sampling
rate setting
「Output Routing」・・・Output setting
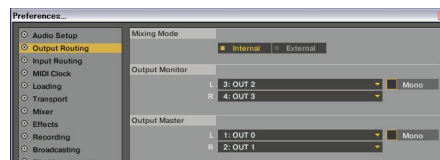
10-1 Open the "Output Routing". Please set it as follows.

Output Monitor
L 3 : OUT2
R 4 : OUT3

Output Master
L 1 : OUT 0
R 2 : OUT 1

Typhoon is now ready to control Traktor LE!

■Macintosh

1-1 Insert the included installer disc to your computer.
      Click [Traktor] to start the installer.

2-1 Click Next.

2-2 Click continue, the license agreement will appear. Click Agree.

3-1 The installer will ask to choose a directory for Traktor to be
   installed. Default directory is the Application folder.

      If you are using several hard disk drives and wish to install
      Traktor to a different folder, click [change directory] and
      choose a new folder.

4-1 Enter your Macintosh password.

5-1 The installer will confirm if you wish to precede the installation.
      Click install to start.
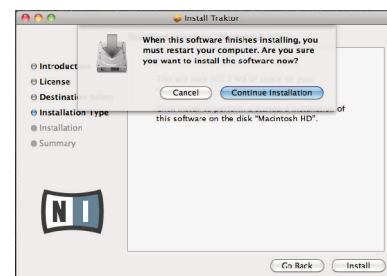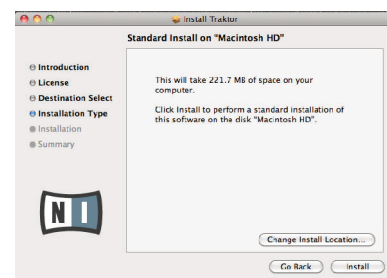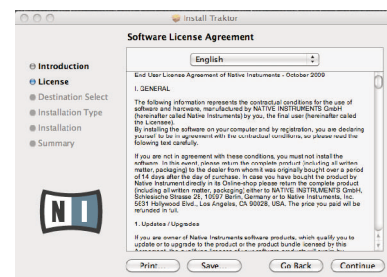
5-2 The screen below will appear when installation is in process.
Restart your computer once the installation has completed.
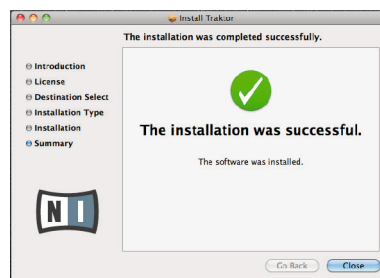
6-1 The following window will appear when starting Traktor
for the first time. Choose a command to start.

「Demo」・・・To use demo features only. (30days limitation)
「Buy」・・・Purchase Traktor serial online
「Activate」・・・Activates the purchased serial

7-1 The preference menu will appear when first starting Traktor.
Set each setting to your preference.

「Audio Setup」・・・Audio interface selection & sampling rate setting
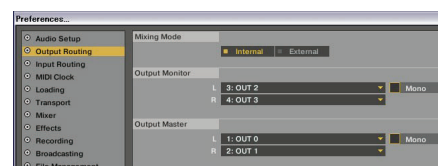「Output Routing」・・・Output setting
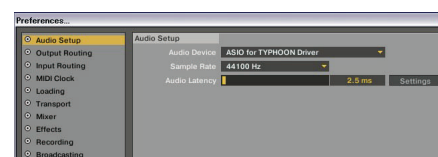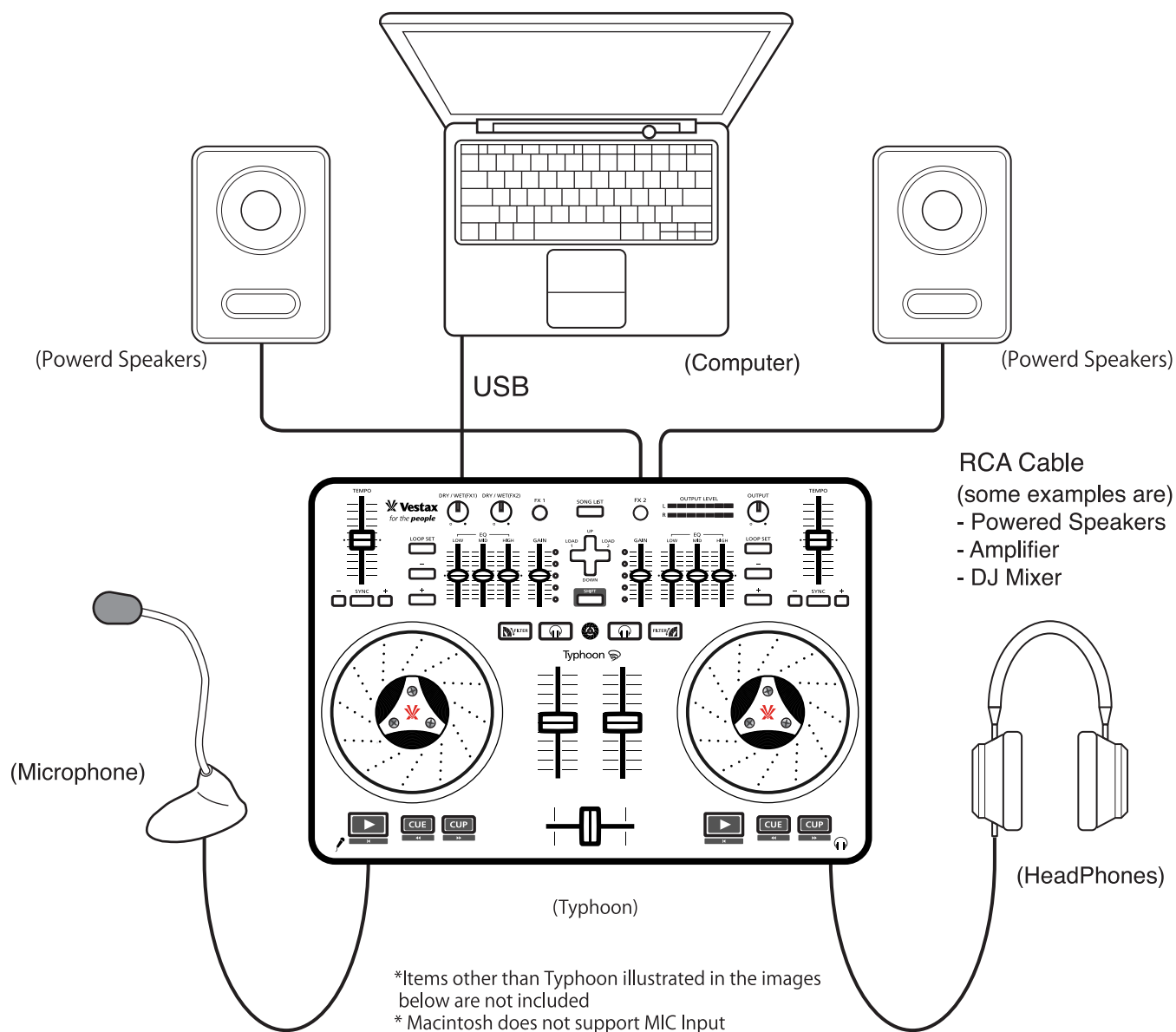
8-1 Open the "Output Routing". Please set it as follows.

Output Monitor
L 3 : OUT2
R 4 : OUT3

Output Master
L 1 : OUT 0
R 2 : OUT 1

Typhoon is now ready to control Traktor LE!

HOW TO PLAY Traktor LE with Typhoon

(Powerd Speakers)

(Computer)

USB

(Powerd Speakers)

RCA Cable
(some examples are)
- Powered Speakers
- Amplifier
- DJ Mixer

(Microphone)

(HeadPhones)

(Typhoon)

*Items other than Typhoon illustrated in the images
 below are not included
* Macintosh does not support MIC Input

*See page 17 for hardware and software setup

BASIC OPERATION

Once setup has completed, let's play some songs.

Start Traktor, and then double click the master and monitor knob within the software.
Turn the mix knob to the left.

NOTE: Set the two input faders no.11 of Typhoon to their lowest position.
   The mix knob in Traktor cannot be controlled with Typhoon.

Open Explorer and find the folder with the song you wish to play.
Once the songs are listed in the box next to the Explorer, push the cross button up and down to go through the list.
Choose a song and push the left of the cross button (LOAD1) to load the song to deck A.
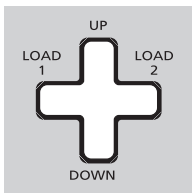
Push PLAY of deck A to start the song.

Set the crossfader no.12 to the left and slowly raise the left input fader no.11.
The song will start playing immediately when it has been loaded, you can hear the sound by simply raising the
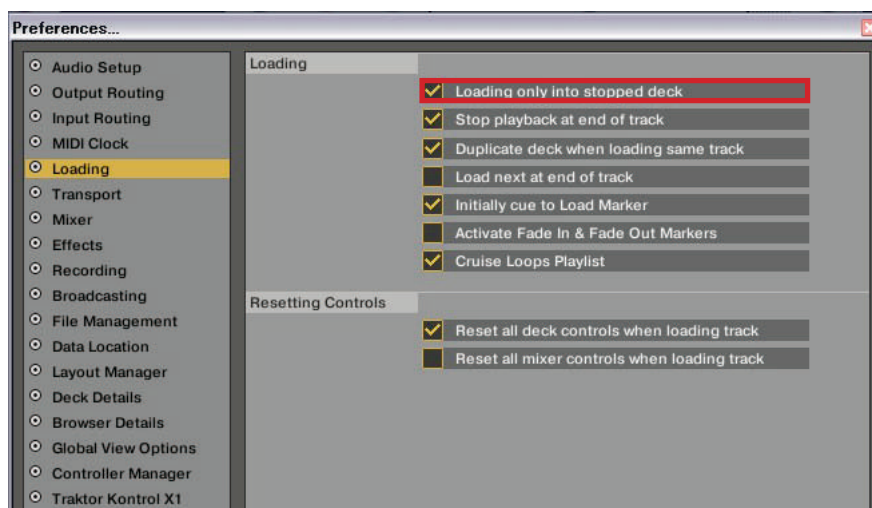input fader.
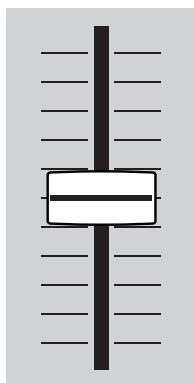
the sound volume is too low, adjust the GAIN fader no.6 to a point were the LED meter on the side reaches orange.
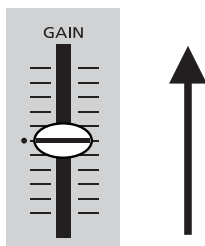

★Tip
Put a tick in "Loading only into stopped deck" to prevent from stopping a song by accidentally loading a song.

  he crossfader no.12 , as it is named, crosses (mixes) the songs playing on deck 1 and 2.
Deck 1´s sound is played when the crossfader no.12 is set to the left, and deck 2 ś sound is played when it is set to the right.
Both decks songs are played out when the crossfader is set to the center, which will let you mix both songs using the input faders no.11 .
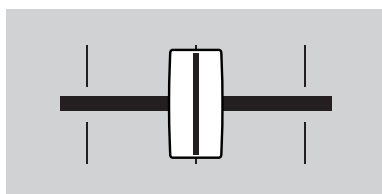
Next use the cross button again to load a song to deck B. This time push the right side of the cross button (LOAD2).
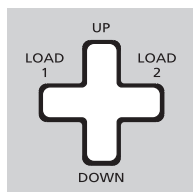

Each deck now has a song loaded. The songs can be mixed with the cross fader and input fader, but at this point the BPM of either song is not matched.

The BPM, or tempo, can be adjusted with the tempo sliders on each side of Typhoon. If it's difficult to match the BPM using the tempo sliders, push the SYNC button below one of the sliders and the BPM will automatically match.
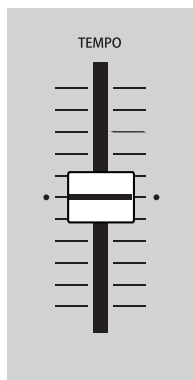
Push the SYNC button below the right (or the left if you wish!) TEMPO SLIDER no.1
Do you notice the change?
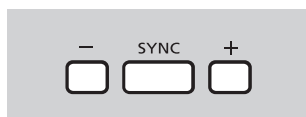
The tempo of deck 1& 2 now matches.

★ *TIP*

You can listen to songs with your headphones with the input fader kept down, before playing them out by pushing the Monitoring button (no.13).

OTHER FEATURES

CUE POINT
If there is a certain part of a song, where you would like to start playback from, you can set a CUE point.
Scroll to the point within the song with the JOG wheel and push the CUE button.
The song will jump and pause at the CUE point when the CUE button is pushed while a song is played.
The song will jump and play from the CUE point when the CUP button is pushed while a song is played.
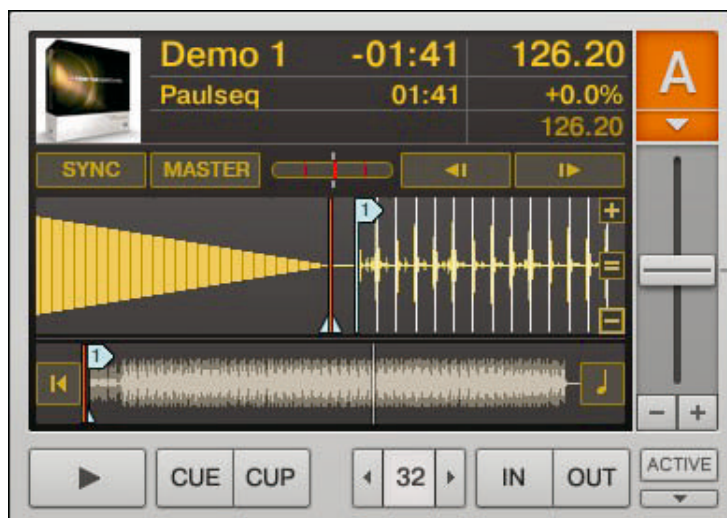
2.LOOP

+/- The length of the loop is adjusted with the button.
The current length is shown in each deck.

Push the LOOP SET button at the point where you would like to start a loop.
(The LOOP SET button will turn red) The LOOP will start immediately.
Push the LOOP SET button again whenever you wish to end the loop and go back to the song.

The length of the loop can also be changed with the +/- buttons while the loop itself is playing.
You can create a drum roll effect by shortening down the loop in to a stutter sound.

3. FILTER

The FILETR button applies a filter effect to the song.
The level of filter you apply to the song can be adjusted by rotating the JOG wheel.
A low-pass filter begins when rotated anti-clockwise and a high-pass filter begins when rotated clockwise.

!

FILTER

Lowpass Filter   ←—→   Highpass Filter
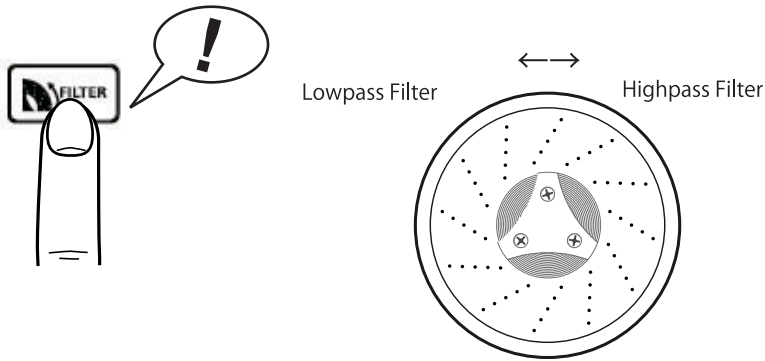
4. EFFECTS

Digital effects can be added to the song by pressing the FX button.
FX1 will apply to deck 1; FX2 will apply to deck 2.
The balance between the original sound and effect sound can be adjusted with the DRY/WET knob on each deck.

DRY / WET(FX1)   DRY / WET(FX2)   FX 1   SONG LIST   FX 2