

Vestax Spin 2

取扱説明書

P.2~

OWNER'S MANUAL

P.17~

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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.



ESD Warning : The SPIN2 may be affected by Electrostatic Discharge interference. If this happens, please turn off and wait a few minutes before powering on the unit.

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.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE

Changes or modifications may cause this unit to fail to comply with Part 15 of the FCC Rules and may void the user's authority to operate the equipment.

FEATURES

Enjoy with Mac!

By installing the bundled DJ software "djay for Mac" you can enjoy DJing with Spin2 right away! "djay for Mac" provides simple yet essential DJ mix tools such as scratching, loops, EQ and sound effects to enjoy DJing with your favorite songs in iTunes.

Enjoy with iOS device!

Enjoy mixing songs on your iPad and iPhone with Spin2 by downloading the algoriddim djay for iPad and djay for iPhone app available from the App store. No need to worry about the battery as Spin2 charges your iPhone or iPad while it outputs the sound mixed in the App.

ACCESSORIES

- Owner's manual
- USB cable
- Power Adaptor (Vestax SDC-6)
- djay for Mac install guide

MINIMUM SYSTEM REQUIREMENTS

[Macintosh]

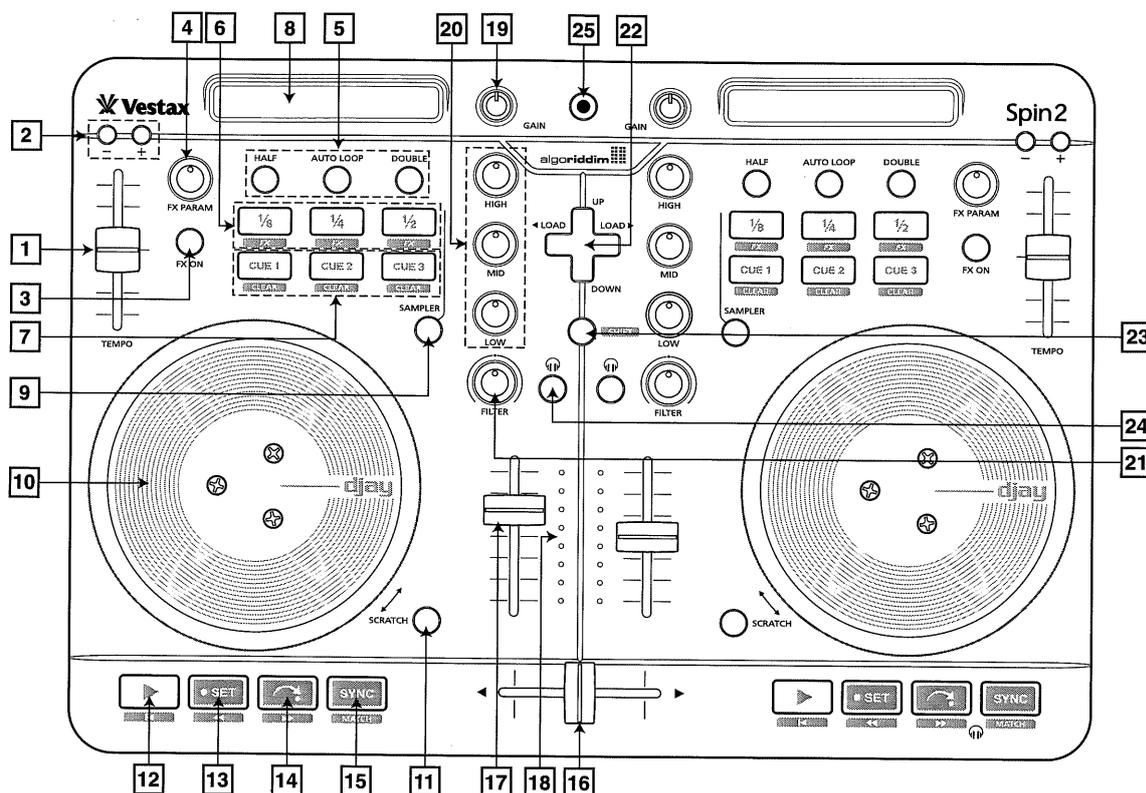
- OS : Mac OS X 10.5 or later
- CPU : Intel CPU or higher
- RAM : 1GB or more
- USB2.0 port

[iOS device]

- iOS device : iPad, iPad 2, New iPad, iPhone 4, iPhone 4S, iPod touch (4th generation)
- OS : iOS 5.1 or later

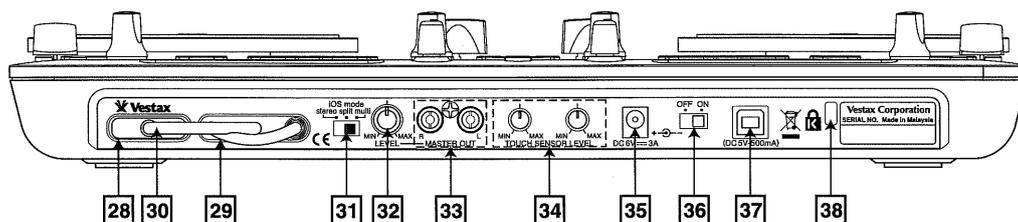
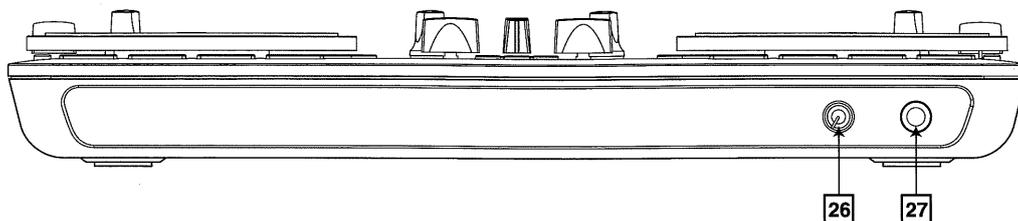
PART NAMES & FUNCTIONS

TOP



No.	Control Name	Function
1	TEMPO SLIDER	Increases / decreases the playback speed.
2	PITCH BEND	Instantly speeds up & down the songs playback speed.
3	FX ON	ON/OFF button for effects. Default setting is "ECHO".
4	FX PARAMETER	Control the FX parameter.
5	AUTO LOOP section	Control the AUTO LOOP function. Check page 29 for usage of the AUTO LOOP.
6	BOUNCE LOOP section	Control the BOUNCE LOOP function. Check page 29 for usage of the BOUNCE LOOP.
7	CUE POINT section	Control the CUE POINT function. Check page 28 for usage of the CUE POINT.
8	TOUCH STRIP	You can access any point in the song instantly by tracing your finger here.
9	SAMPLER	When you push this button, BOUNCE LOOP area ("1/2", "1/4", "1/8" button) and, CUE POINT area ("CUE 1", "CUE 2", "CUE 3" button) will be switched to a playback function of the SAMPLER mode. Push this button again to switch to normal mode.
10	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.
11	SCRATCH	Switch the operating mode of the JOG PLATTER. (ON : Scratch mode / OFF : Search mode)
12	PLAY	Plays the loaded song.
13	SET CUE	Sets CUE points within the song. A CUE point is like a marker, and can be set anywhere within the song.
14	CUE PLAY	Moves the playing position to a set CUE point. Push and hold the button to start playing the song from that CUE point.
15	SYNC	Synchronizes the BPM (beats per minute) of the song to the BPM of the song playing on the opposite deck.
16	CROSSFADER	Adjust the output balance between the songs playing on deck 1 and 2.
17	INPUT FADER	Adjust the input volume of each deck.
18	INPUT LEVEL METER	Displays input level of the song being played by LED. Adjust the volume balance between left and right deck look at the state of the meter lights up. If the top red LED is lit, sound will be distorted.
19	GAIN	Adjusts the volume of the loaded song.
20	EQ section	The three knobs adjusts the HIGH, MID, and LOW frequency of each channel.
21	FILTER	Turn to the right to enable the high-pass filter. Turn to the left to enable the low-pass filter.
22	CURSOR	Selects songs by pushing up & down. Load songs by pushing left & right.
23	SHIFT	Push SHIFT together with other buttons to enable the button's double feature.
24	MONITORING	Output the loaded song to your headphones. Song can be monitored without raising the input fader.
25	REC	Recording will start by pushing the button once. Push the button again, recording is finished, and data will be saved. (Recorded files will be saved in Finder > User > Music > djay > Recordings.)

FRONT & REAR



No.	Control Name	Function
26	HEADPHONE LEVEL	Sets the level of Headphones. Warning! Listening to headphones too loud even for a short period, can cause irreversible damages to the user's ears.
27	HEADPHONE JACK CONNECTORS	Connect your headphones here.
28	DOCK connector holder	You can store the Dock connector here.
29	DOCK cable holder	You can store the Dock cable here.
30	DOCK CABLE	Connect the iOS device (iPad, iPhone, iPod Touch).
31	iOS mode selector	Select the audio output setting when you use iOS device (iPad, iPhone, iPod Touch). For more information, please refer to page 24 in this manual.
32	MASTER OUT LEVEL	Adjusts the master output level.
33	MASTER OUT	Connection for master output.
34	TOUCH SENSOR LEVEL	Adjust the sensitivity of the JOG platter.
35	POWER TERMINAL	Connect the included SDC-6 (DC6V 3A) power adaptor to this socket.
36	POWER ON/OFF	Set this switch to ON position.
37	USB TERMINAL	For connecting Spin2 to your computer.
38	KENSINGTON LOCK	You can protect your Spin2 from theft by attaching a Kensington lock to this slot.

SHIFT FUNCTION

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

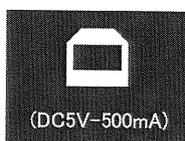
No.	Action	Function
S1	SHIFT + 1/8	Drift / INSTANT FX (Hi-pass filter effect can be obtained while the button is pushed.)
S2	SHIFT + 1/4	Sway / INSTANT FX (Flanger effect can be obtained while the button is pushed.)
S3	SHIFT + 1/2	Crush / INSTANT FX (Bit crusher effect can be obtained while the button is pushed.)
S4	SHIFT + CUE 1	Delete the CUE 1 point.
S5	SHIFT + CUE 2	Delete the CUE 2 point.
S6	SHIFT + CUE 3	Delete the CUE 3 point.
S7	SHIFT + JOG PLATTER	Auto-Cut scratch.
S8	SHIFT + PLAY	Back to the start point.
S9	SHIFT + SET CUE	Skip to backward.
S10	SHIFT + CUE PLAY	Skip to forward.
S11	SHIFT + SYNC	HARMONIC MATCH (Match with the pitch of the song of the other Deck.)

SETTING UP THE Spin2 (Mac)

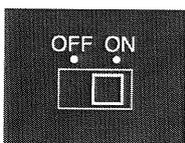
(NOTE) The numbers in the text stand for the numbers in the "PART NAMES & FUNCTIONS" (page 20, 21).

Spin2 is a driver free controller. Simply connect Spin2 to your computer with a USB cable and you're all set.

1. Connect Spin2 to your computer's USB port with a USB cable.



2. Set the power switch on the rear panel of Spin2 to ON.

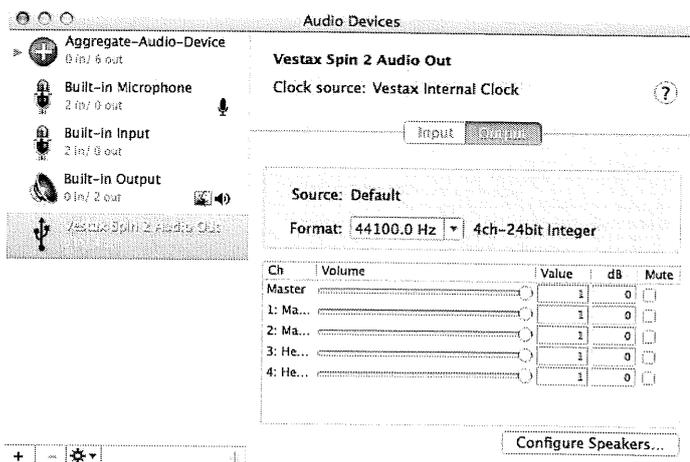


Setup completed!

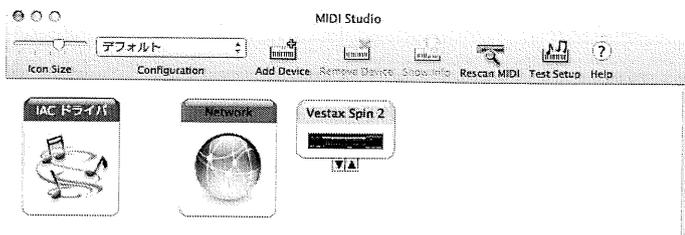
All you have to do is connect speakers or headphones to the Spin2. (Refer to page 25)
Speakers, headphones, and audio cable are not included.

To check if Spin2 has been properly identified by your Mac, following steps.

1. Go to Finder > Applications > Utilities. Open "Audio MIDI Setup".
2. Spin2 will be displayed as shown below in the item "audio device".



3. Open the MIDI Studio by clicking "Show MIDI Window" from "Window" in the menu bar.



See the "djay for Mac install guide" for install instructions.

SETTING UP djay for Mac

Connect Spin2 to your computers USB port with a USB cable.
Set the power switch on the rear panel of Spin2 to ON.
See the "djay for Mac install guide" for install instructions.

1. Start djay.
2. Open the Preference menu (djay > Preference menu).
3. Click the Devices tab and set the audio setting as below.

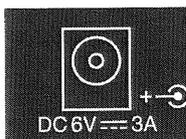


4. Click Apply.

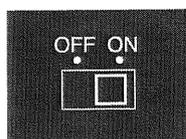
SETTING UP THE Spin2 (iOS)

Spin2 can be connected and used with iOS devices (iPad, iPhone, iPod touch).

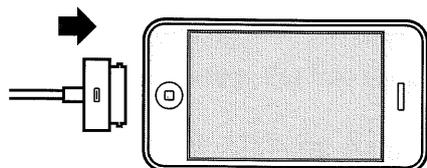
1. Connect the power adaptor to the power socket located on the rear panel of the Spin2 (#35).
(NOTE) If used with an iOS device, power adapter connection is required.



2. Set the power switch on the rear panel of Spin2 to ON (#36).



3. Connect Spin2 to your iOS devices Dock socket with the Dock cable of Spin2 (#30).
 (NOTE) Please take care about the direction of the connector.



4. Launch the "djay for iPad" or "djay for iPhone" App.
 **"djay for iPad" and "djay for iPhone", please download from the App Store separately. (Fee required)

5. Select the audio output setting in the iOS mode selector on the rear panel of the Spin2 (#31).



Setup completed!

All you have to do is connect speakers or headphones to the Spin2. (Refer to page 25)
 Note: Speakers, headphones, and audio cable are not included.

Audio output setting

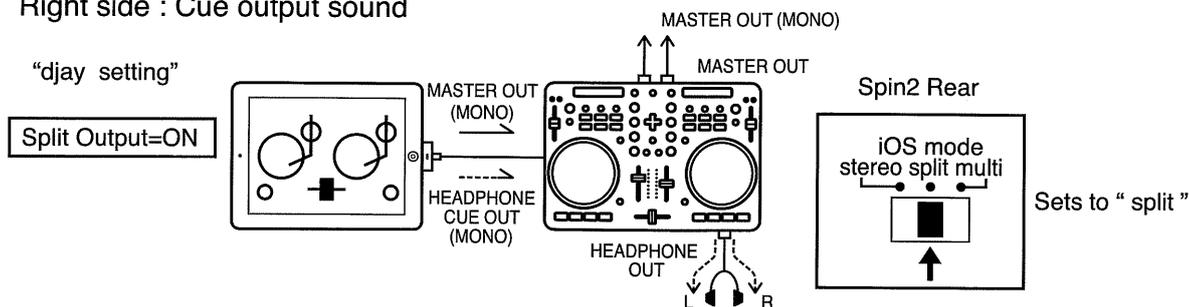
(NOTE)

If using iOS 5, stereo or split modes should be used.
 If using iOS 6, multi mode should be used.

1) Split

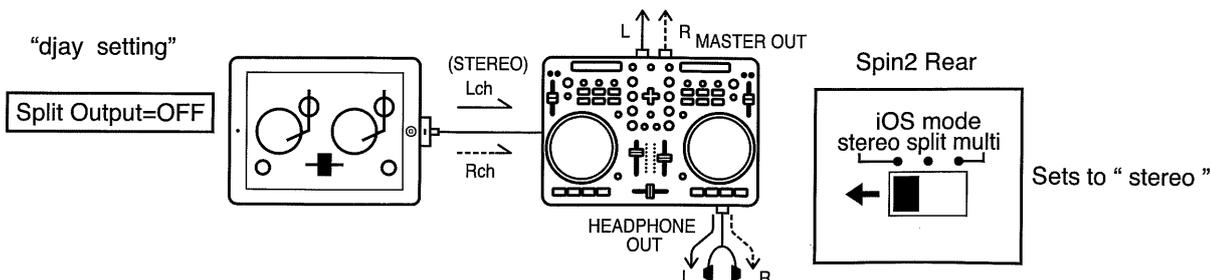
Switching to "split" the switch to enable the Split Output mode of djay App. djay sends the master output to the left channel, and the cue output to the right channel. This lets you cue songs through your headphones independently of the mix that's going through the speakers. At the same time, you can hear everything that's going on.

Left side : Master output sound
 Right side : Cue output sound



2) Stereo

Stereo output mode to enable Spin2 to output 2ch stereo signals sent from Algoriddim djay.



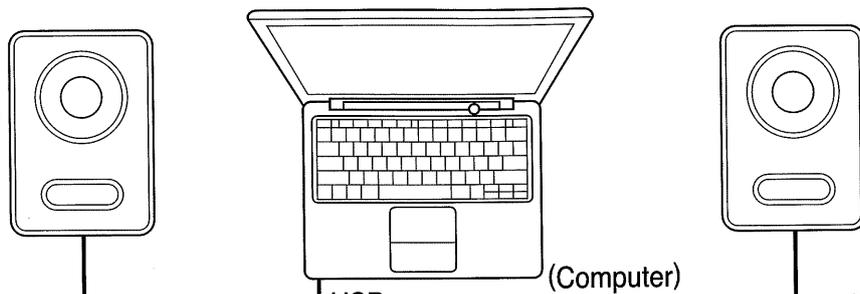
3) Multi

If your iPhone or iPad is running iOS 6, choose "multi" with the iOS mode switch located on the rear panel.

CONNECTION EXAMPLE

Spin2 + Mac

(Powered Speakers)

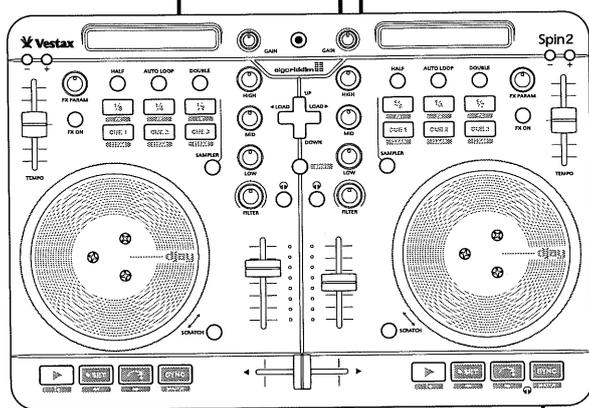


(Computer)

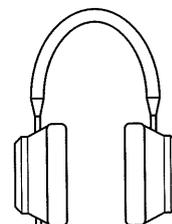
(Powered Speakers)

USB

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



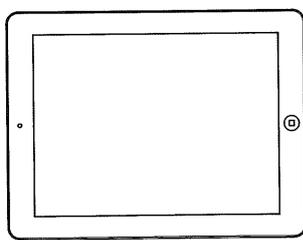
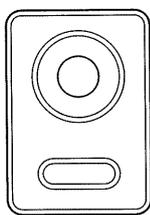
(Spin2)



(Headphones)

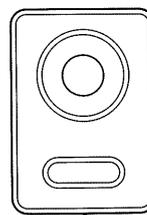
Spin2 + iOS device

(Powered Speakers)



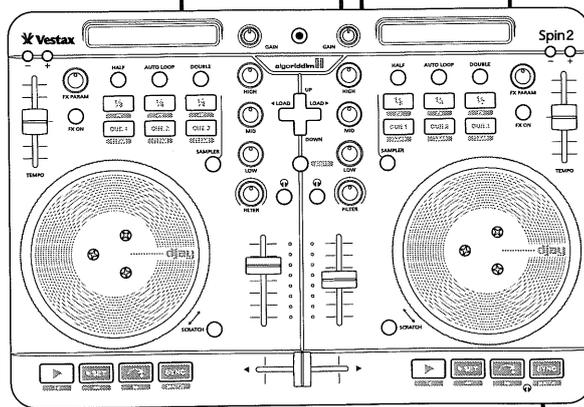
(Dock Cable)

(iPad, iPhone, iPod touch)



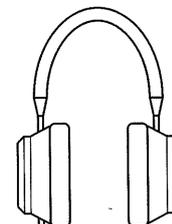
(Powered Speakers)

(Power Adaptor)



(Spin2)

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



(Headphones)

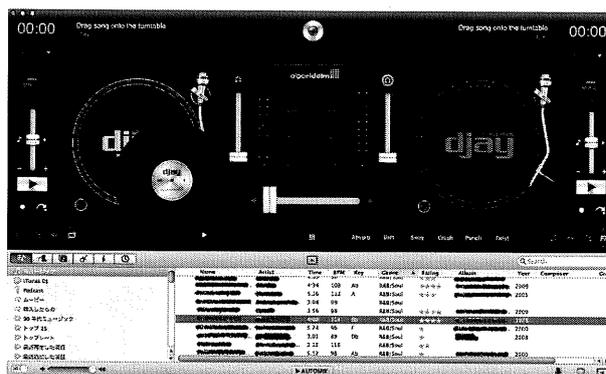
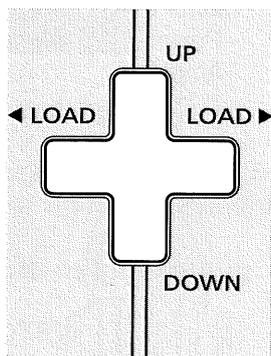
BASIC OPERATION

*This guide explains the basics of using djay on Mac OS X.

Once setup has completed, let's play some songs.
To begin with, load a song to deck 1 (left).

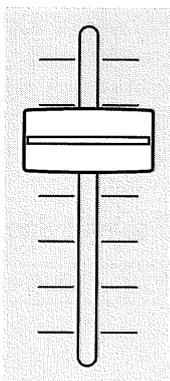
(NOTE) Make sure the left and right Input fader of Spin2 (#17) are both set to the lowest position.

Use the Cross key (#22) to choose a song from your play list, shown on the right side of djay.
Push the left arrow key to load the song you want to play.

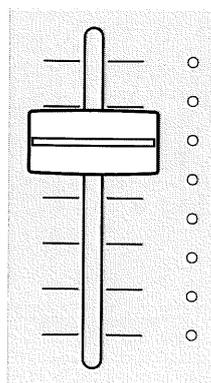


Set the Crossfader (#16) to the left and slowly raise the left Input fader (#17).

The song will start playing immediately when it has been loaded, you can hear the sound by simply raising the Input fader (#17).



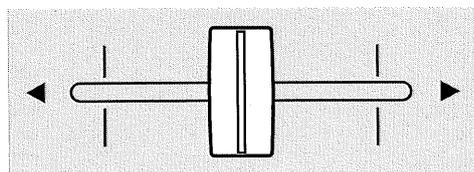
(If the sound volume is too low, adjust the Gain knob (#19) to a point where the Input level meter (#18) just reaches the red LED, then reduce it slightly.)



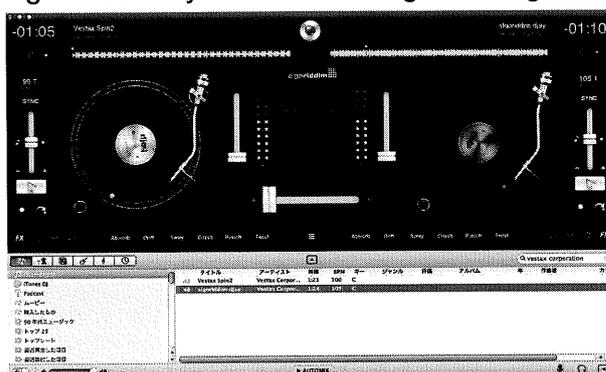
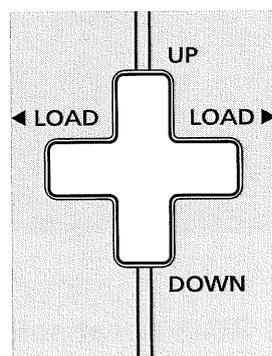
★ TIP

If you want the song to standby on pause when it has been loaded to a deck, go to djay > Preference > General and remove the check mark from "Automatically start playing song".

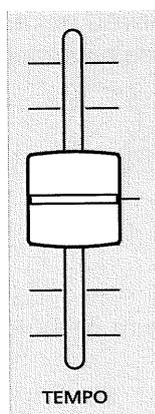
The Crossfader (#16), crosses (mixes) the songs playing on deck 1 and 2. Deck 1's sound is played when the Crossfader (#16) is set to the left, and deck 2's sound is played when it is set to the right. Both decks songs are played out when the Crossfader is set to the center, which will let you mix both songs using the Input faders (#17).



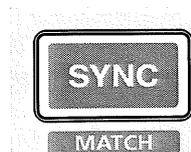
Right now there's a song playing on the left deck. Use the Cross key (#22) again to choose a song from your play list. This time, push the right cross key to load the song to the right deck.



Both decks (1 and 2) are now playing songs. The songs can be mixed by moving the Crossfader and Input faders, but will sound awkward because the tempo of the two songs is different. Usually a DJ adjusts the tempo of the two songs using the Tempo fader (#1), to make a mix, but this requires technique and experience.



However, it's a different case if you use djay and Spin2. Push the SYNC button (#15) on one side. Do you notice the change?



The tempo of deck 1 and 2 now matches. djay does the most difficult part of DJing for you. Everyone and anyone can be a DJ!

★ TIP

You can listen to songs with your headphones with the input fader kept down, before playing them out by pushing the Monitoring button (#24)

ADVANCED FEATURES

1. START POINT & CUE POINT

Cue points of a song can be set with Spin2. 4 cue points can be set on each deck.

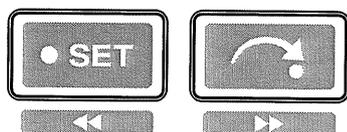


A) How to set a START POINT

Load a track to a deck and search for the point you wish to set a start point using the JOG wheel (#10). The visual waveform of the track displayed in djay is a helpful aid when looking for a desired point. Once you have decided where to set a start point, push SET CUE(#13) and that point will be saved as the START POINT.

(The START POINT is displayed as a white colour dot on the virtual vinyl in djay)

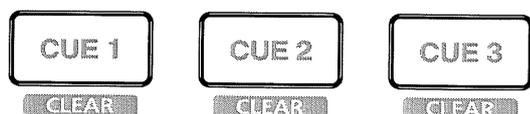
Once a START POINT is set, the track will jump to that point every time you push CUE PLAY(#14).



B) How to set a CUE POINT

Up to 3 CUE points can be set easily with the CUE 1, CUE 2 and CUE 3 buttons in the CUE POINT area (#7). CUE points are saved to tracks when a CUE button is pushed. Push the CUE button again to jump to a saved CUE point. CUE points can be deleted by pushing SHIFT (#23) together with each CUE button.

(CUE points are displayed as red, green and blue dots on the virtual vinyl in djay)



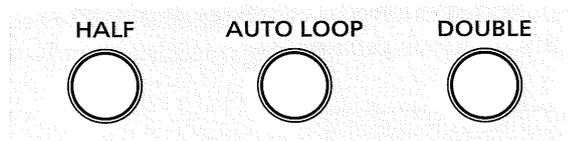
2. AUTO LOOP & BOUNCE LOOP

Loops are fun to play with, and also helps you add a little extra to your mix.



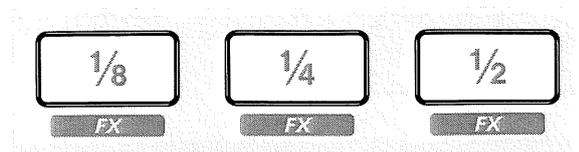
A) How to use AUTO LOOP

The AUTO LOOP button located in the AUTO LOOP area (#5) creates loops at a fixed length. Push HALF to shorten the loop length by half and push DOUBLE to double the loop length. Push AUTO LOOP again to exit the loop.



B) How to use BOUNCE LOOP

Use the 1/8, 1/4 and 1/2 buttons in the BOUNCE LOOP area to trigger loops for fixed lengths only while the buttons are pushed. When the loop is turned off (when you release the button) the playback position is returned to the position where it would be if it had not entered the loop. Loops set with BOUNCE LOOP are great for creating instant stutter effects.

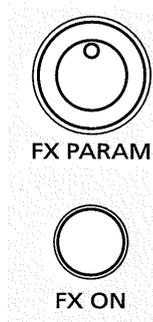


3. FX

djay for Mac has a variety of effect functions.

A) How to use ADVANCED FX

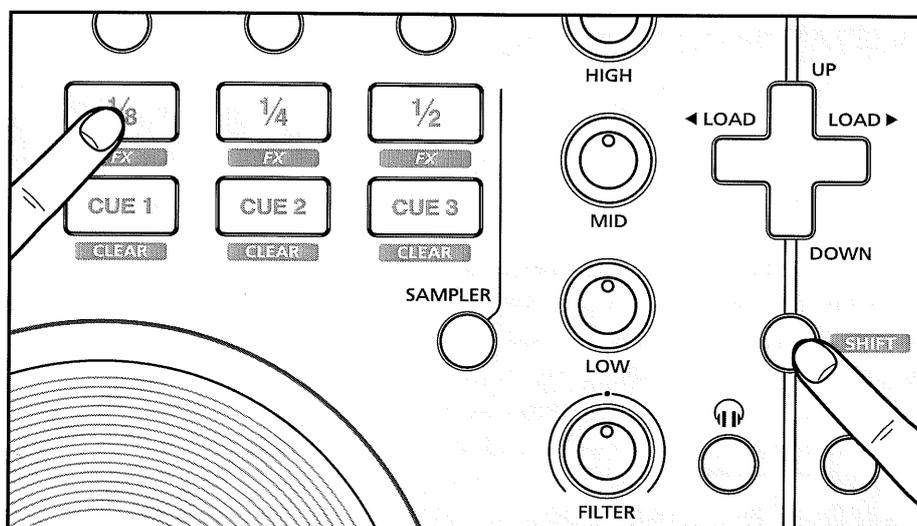
Push FX ON (#3) to apply sound effects to a track. (ECHO is the default effect)
 The FX PARAM knob (#4) adjusts the parameter (effect level) of each effect.
 (The parameter for ECHO is depth width)



B) How to use INSTANT FX

INSTANT FX can be triggered by pushing the SHIFT button (#23) together with the BOUNCE LOOP buttons (#6). The following INSTANT FX are assigned as default.

- "1/8" button : Drift / Hi-pass filter effect is enabled while the button is pushed.
- "1/4" button : Sway / Flanger effect is enabled while the button is pushed.
- "1/2" button : Crush / Bit crusher effect is enabled while the button is pushed.



SUPPORT

TROUBLE SHOOTING

1) The JOG platters do not operate.

-Adjust the TOUCH SENSOR LEVEL located on the rear panel of the Spin2 (no.34).

-Check SCRATCH button (no.11) is ON.

2) Can not playback.

-The sensor settings is possibly too high. Adjust the TOUCH SENSOR LEVEL located on the rear panel of the Spin2 (no.34).

3) My computer doesn't recognize Spin2.

-Check if your computer fulfills the minimum system requirements.

-Connect the USB cable to another USB port. (Certain USB ports may have connection errors.)

-If you are using a USB hub, try connecting directly to your computer. Also try connecting to all USB ports.

-Try changing the USB cable. Using a poor quality USB cable can cause communication errors.

-Quit all other running applications including anti-virus software and resident software. Also turn off WiFi and Bluetooth connections.

-Clean up your MIDI driver registry from MIDI Studio. (Refer to page 22)

Open the MIDI studio with Spin2 disconnected. You can delete by choosing the "Vestax Spin2" icon, and clicking on the "Remove device."

OFFICIAL SUPPORT CHANNEL

For the latest support information, please check here.

Vestax Global Support

<http://help.vestax.co.jp/en/>

SPECIFICATIONS

Dimensions : 354(W) x 250(D) x 47(H)mm (with knobs)

Weight : 1.45kg

Power consumption : 17W (AC100V - 230V) (During iOS device charging)

Power adaptor : DC 6V 3A / Vestax SDC-6