
CASIO

XW-J1

USER'S GUIDE

Safety Precautions

Before trying to use this product, be sure to read the separate "Safety Precautions".

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SAFETY PRECAUTIONS

WARNING

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



This recycle mark indicates that the packaging conforms to the environmental protection legislation in Germany.

Esta marca de reciclaje indica que el empaquetado se ajusta a la legislación de protección ambiental en Alemania.

Declaration of Conformity According to EU Directive



Manufacturer:
CASIO COMPUTER CO.,LTD.
6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543, Japan

Responsible within the European Union:
CASIO EUROPE GmbH
Casio-Platz 1, 22848 Norderstedt, Germany



This mark applies in EU countries only.



ESD Warning : The XW-J1 may be affected by Electrostatic Discharge interference. If this happens, please turn off and wait a few minutes before powering on the unit.

Congratulations on your selection of the CASIO electronic musical instrument.

- Before using the instrument, be sure to carefully read through the instructions contained in this manual.
- Please keep all information for future reference.

Symbols

Various symbols are used in this user's guide and on the product itself to ensure that the product is used safely and correctly, and to prevent injury to the user and other persons as well as damage to property. Those symbols along with their meanings are shown below.

DANGER

This symbol indicates information that, if ignored or applied incorrectly, creates the danger of death or serious personal injury.

WARNING

This indication stipulates matters that have the risk of causing death or serious injury if the product is operated incorrectly while ignoring this indication.

CAUTION

This indication stipulates matters that have the risk of causing injury as well as matters for which there is the likelihood of occurrence of physical damage only if the product is operated incorrectly while ignoring this indication.

Symbol Examples

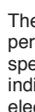


This triangle symbol () means that the user should be careful. (The example at left indicates electrical shock caution.)



This circle with a line through it () means that the indicated action must not be performed. Indications within or nearby this symbol are specifically prohibited. (The example at left indicates that disassembly is prohibited.)



The black dot () means that the indicated action must be performed. Indications within this symbol are actions that are specifically instructed to be performed. (The example at left indicates that the power plug must be unplugged from the electrical socket.)

WARNING

Smoke, Strange Odor, Overheating

Continued use of the product or AC adaptor while it is emitting smoke, a strange odor, or heat creates the risk of fire and electric shock. Take the following steps immediately.

1. Turn off power.
2. If you are using the AC adaptor for power, unplug it from the wall outlet.
3. Contact your original retailer or an authorized CASIO Service Provider.

AC Adaptor

● Misuse of the AC adaptor creates the risk of fire and electric shock. Always make sure you observe the following precautions.

- Be sure to use only the AC adaptor that is specified for this product.
- Use only a power source whose voltage is within the rating marked on the AC adaptor.
- Do not overload electrical outlets and extension cords.

● Misuse of the AC adaptor's electric cord can damage or break it, creating the risk of fire and electric shock. Always make sure you observe the following precautions.

- Never place heavy objects on the cord or subject it to heat.
- Never try to modify the cord or subject it to excessive bending.
- Never twist or stretch the cord.
- Should the electric cord or plug become damaged, contact your original retailer or authorized CASIO Service Provider.

● Never touch the AC adaptor while your hands are wet. Doing so creates the risk of electric shock.

● Use the AC adaptor where it will not be splashed with liquid *1. Liquid creates the risk of fire and electric shock.

● Before going out, be sure to unplug the AC adaptor from the power outlet and put in a place away from objects used by animals and pets. An animal or pet chewing on the power cord can cause it short, leading to the risk of fire.

● Do not touch the AC adaptor during lightning storms. Doing so creates the risk of electric shock.

Do not incinerate the product.

Never throw the product into fire. Doing so can cause it to explode, creating the risk of fire and personal injury.

Keep away from liquids *1

Liquid or foreign matter (such as pieces of metal, pencils, etc.) getting into the product create the risk of fire and electric shock. Take the following steps immediately.

1. Turn off power.
2. If you are using the AC adaptor for power, unplug it from the wall outlet.
3. Contact your original retailer or an authorized CASIO Service Provider.

Disassembly and Modification

Never try to take this product apart or modify it in any way. Doing so creates the risk of electric shock, burn injury, or other personal injury. Leave all internal inspection, adjustment, and maintenance up to your original retailer or authorized CASIO Service Provider.

Dropping and Impact

Continued use of this product after it has been damaged by dropping or subjecting it to strong impact creates the risk of fire and electric shock. Take the following steps immediately.

1. Turn off power.
2. If you are using the AC adaptor for power, unplug it from the wall outlet.
3. Contact your original retailer or an authorized CASIO Service Provider.

Plastic Bags

Never place the plastic bag the product comes in over your head or in your mouth. Doing so creates the risk of suffocation. Particular care concerning this precaution is required where small children are present.

Location

Avoid locating the product on an unstable stand, on an uneven surface, or any other unstable location. An unstable location can cause the product to fall over, creating the risk of personal injury.

CAUTION

AC Adaptor

● Misuse of the AC adaptor creates the risk of fire and electric shock. Always make sure you observe the following precautions.

- Do not locate the electric cord near a stove or other sources of heat.
- Never pull on the cord when unplugging from the electrical outlet. Always grasp the AC adaptor when unplugging.

● Misuse of the AC adaptor creates the risk of fire and electric shock. Always make sure you observe the following precautions.

- Insert the AC adaptor into the wall outlet as far as it will go.
- Unplug from the wall outlet before leaving on a trip or other longterm absence.
- To keep dust from building up in the area between the prongs of the power plug, unplug it from the power outlet and use a dry cloth or vacuum cleaner to remove dust at least once a year.
- Never use detergent to clean the power cord, especially the plug and jack parts.

Relocating the Product

Before relocating the product, always unplug the AC adaptor from the wall outlet and disconnect all other cables and connecting cords. Leaving cords connected creates the risk of damage to the cords, fire, and electric shock.

Cleaning

Before cleaning the product, always unplug the AC adaptor from the wall outlet first. Leaving the AC adaptor plugged in creates the risk of damage to the AC adaptor, fire, and electric shock.

Connectors

Connect only the specified devices and equipment to the product's connectors. Connection of a non-specified device or equipment creates the risk of fire and electric shock.

Location

Avoid the following locations for this product. Such locations create the risk of fire and electric shock.

- Areas subject to high humidity or large amounts of dust.
- In food preparation areas or other areas subject to oil smoke.
- Near air conditioning equipment, on a heated carpet, in areas exposed to direct sunlight, inside of a vehicle parked in the sun, or any other area that subjects the product to high temperatures.

Sound Volume

Do not listen to music at very loud volumes for long periods. Particular care concerning this precaution is required when using headphones. High volume settings can damage your hearing.

Heavy Objects

Never place heavy object on top of the product. Doing so can make the product top heavy, causing the product to tip over or the object to fall from it, creating the risk of personal injury.

1. Water, sports drinks, sea water, animal or pet urine, etc.
2. Stand is available as an option.

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.

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.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
 2. Keep these instructions.
 3. Heed all warnings.
 4. Follow all instructions.
 5. Do not use this apparatus near water.
 6. Clean only with dry cloth.
 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 11. Only use attachments/accessories specified by the manufacturer.
 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

The POWER indicator being unlit does not mean the apparatus is completely disconnected from the MAINS. When you need to have the apparatus completely disconnected from the MAINS, you must unplug the power cord. For that purpose, locate the apparatus in a way that secures easy access to the power cord.

Declaration of Conformity

Model Number: XW-J1
 Trade Name: CASIO COMPUTER CO., LTD.
 Responsible party: CASIO AMERICA, INC.
 Address: 570 MT. PLEASANT AVENUE, DOVER, NEW JERSEY 07801
 Telephone number: 973-361-5400

This device complies with Part 15 of the FCC Rules, Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Important!

Please note the following important information before using this product.

- Before using the AD-59300S Adaptor to power the unit, be sure to check the AC Adaptor for any damage first. Carefully check the power cord for breakage, cuts, exposed wire and other serious damage. Never let children use an AC adaptor that is seriously damaged.
- The product is not intended for children under 3 years.
- Use only CASIO AD-59300S adaptor.
- The AC adaptor is not a toy.
- Be sure to disconnect the AC adaptor before cleaning the product.

FEATURES

Enjoy with iOS devices!

Enjoy mixing songs from your iTunes library on your iPad and iPhone with XW-J1 by downloading the algoriddim vjay / djay for iPad and vjay / djay for iPhone app available from the App store. There's no need to worry about the battery, as XW-J1 charges your iPhone or iPad while you play.

Please refer the algoriddim website to check the latest information of applications.

<http://www.algoriddim.com/hardware>

Enjoy with Mac / Windows Computers!

By installing optional DJ software(not included) "djay for Mac", you can enjoy DJing with XW-J1 right away! "djay for Mac" provides simple yet essential DJ mix tools such as scratching, loops, EQ and FX. Windows users can try the Deckadance DJ software(Demo) from Imageline, for DJing with Windows computers.

You can download a driver for Windows® and a MIDI mapping file for “Image-Line Deckadance” from the CASIO website below.

<http://world.casio.com/>

From the above URL, select your country on the top of the page and click → support → download → Electronic Musical Instruments.

Note : The text of the webpage may appear in the language of the selected country.

MINIMUM SYSTEM REQUIREMENTS

[iOS device for vjay application]

(iPad)		(iPhone)	
Compatible with	iPad 2 Wi-Fi iPad 2 Wi-Fi + 3G iPad (3rd generation) iPad Wi-Fi + 4G, iPad (4th generation)* iPad Wi-Fi + Cellular (4th generation)* iPad mini and iPad mini Wi-Fi + Cellular* *Requires iOS 5.1 or later	Compatible with	iPhone4S iPhone5* iPod touch 5th gen* and up*

* For lightning connector connection, please use the genuine 30-pin to Lightning adaptor provided by Apple.

[iOS device for djay application]

(iPad)		(iPhone)	
Compatible with	iPad 3rd gen iPad 2 iPad (and up*)	Compatible with	iPod touch 4th gen iPhone 4S iPhone 4 (and up*)

* For lightning connector connection, please use the genuine 30-pin to Lightning adaptor provided by Apple.

[MAC OS]

OS : 10.6 or higher
CPU : Core DUO 1.66GHz(SSE1) or higher
RAM : 1.0GB or higher
USB port, Harddisk space for music data.

[Windows OS]

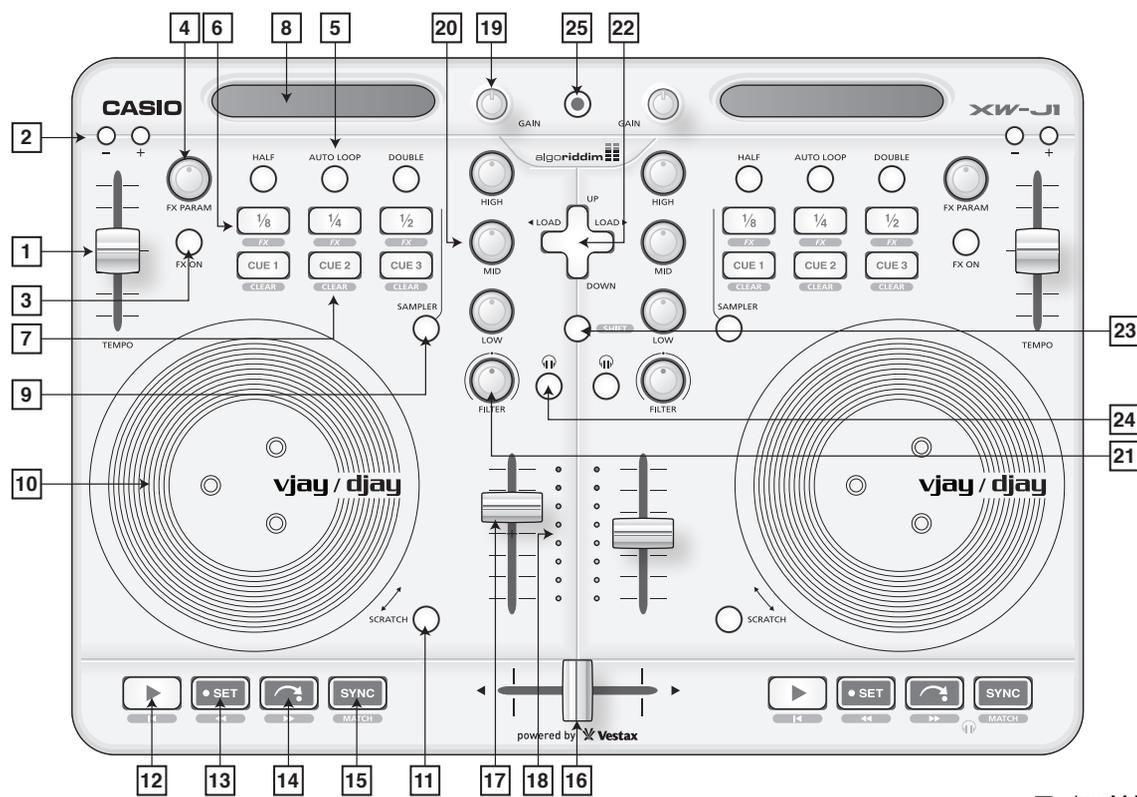
OS : Windows 7 (SP1 32bit / 64bit)
CPU : Intel Core Duo or more
RAM : 2.0GB or more
USB2.0 port, Harddisk space for music data.

- Specifications and designs are subject to change without notice.
- Access the website below for the latest news about specifications

<http://world.casio.com/>

PART NAMES & FUNCTIONS for vjay app

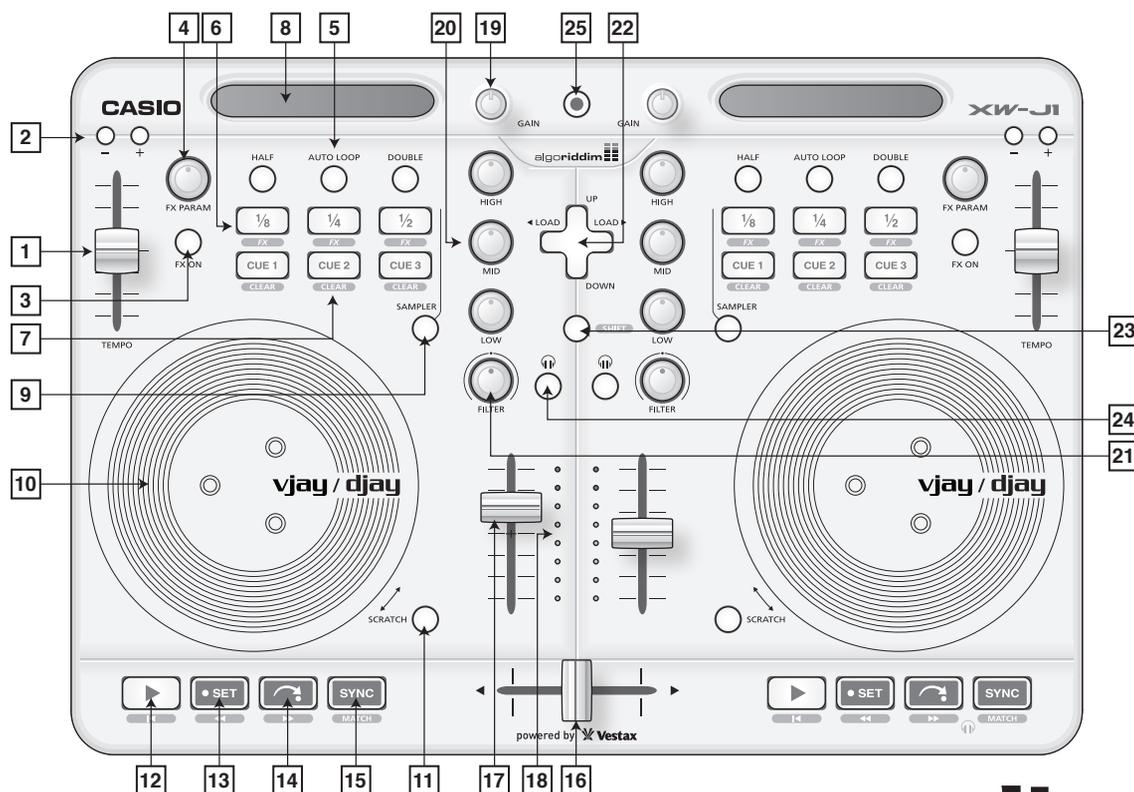
TOP



No.	Control Name	Function
1	TEMPO SLIDER	Increasing / decreases the video and sound playback speed.
2	PITCH BEND	Instantly speeds up & down the video and song playback speed.
3	FX ON	ON/OFF button for visual effect
4	FX PARAM	Control for visual effect parameter.
5	AUTO LOOP section	Control the AUTO LOOP function. Check a page of "ADVANCED FEATURES" for usage of the AUTO LOOP.
6	BOUNCE LOOP section	Control the BOUNCE LOOP function. Check a page of "ADVANCED FEATURES" for usage of the BOUNCE LOOP.
7	CUE POINT section	Control the CUE POINT function. Check a page of "ADVANCED FEATURES" for usage of the CUE POINT.
8	TOUCH STRIP	You can access any point in the video and song instantly by tracking your finger here.
9	SAMPLER	Not assigned
10	JOG PLATTER	Controls the loaded video and 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 video and song.
13	SET CUE	Sets CUE points within the video and song. A CUE point is like a position maker, and can be set anywhere within the video and song.
14	CUE PLAY	Moves the playing position to a set CUE point. Push and hold the button to start playing the video and song from that CUE point.
15	SYNC	Synchronizes the BPM (beat per minute) of the song to the BPM of the video and song playing on the opposite deck.
16	CROSS FADER	Adjust the output video and audio balance between the video and songs playing on deck 1 and 2.
17	INPUT FADER	Adjust the input volume of each deck audio.
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	Adjust the volume of the loaded song.
20	EQ section	For video, the three knobs adjusts HIGH = "RED", MID = "GREEN", LOW = "BLUE" colors of each channels. For audio, the three knobs adjusts as 3 band equalizer (HIGH / MID / LOW)
21	FILTER	For video, the FILTER knob adjusts white visual effect balance. For audio, turn to the right to enable the high-pass filter. Turn to the left to enable the low-pass filter.
22	CURSOR	Selects videos and songs by pushing up & down(at video browser). Load videos and songs by pushing left & right.
23	SHIFT	Push SHIFT together with other buttons to enable the button's double features.
24	MONITORING	Output the loaded song to your headphones. Song can be monitored without raising the input fader. * Headphone outputs the sound opposite to the position of the CROSS FADER for pre-monitor automatically. And you can also use monitor button on each deck by manually.
25	REC	Recording will start by pushing the button once. The REC button on screen will flash during recording. Push the button again, recording is finished, and recording data will be saved on recording list. (To check your recording list, please push red recording button on vjay screen once by finger.)

PART NAMES & FUNCTIONS for djay app

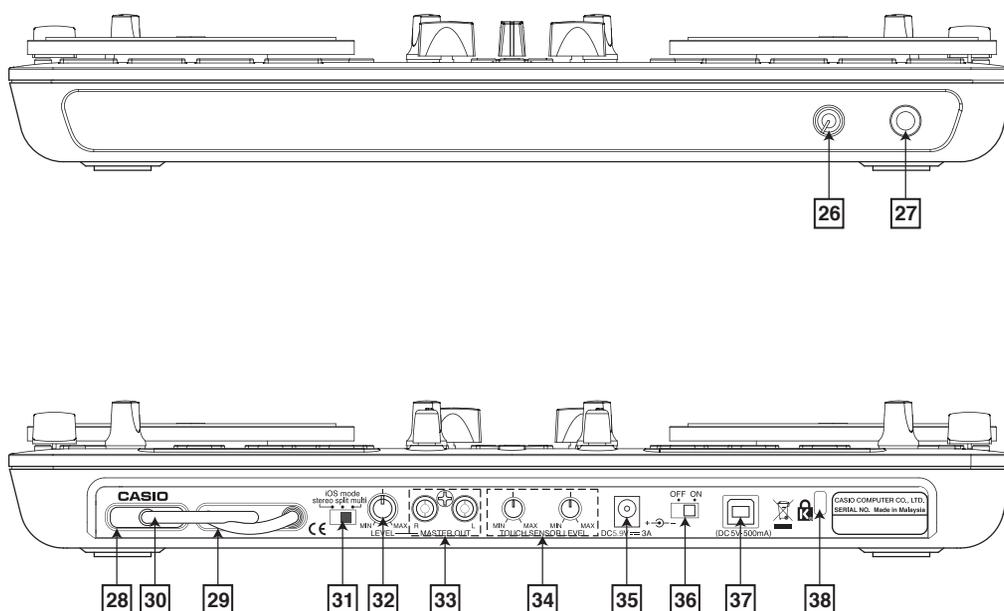
TOP



djay

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 a page of ADVANCED FEATURES for usage of the AUTO LOOP.
6	BOUNCE LOOP section	Control the BOUNCE LOOP function. Check a page of ADVANCED FEATURES for usage of the BOUNCE LOOP.
7	CUE POINT section	Control the CUE POINT function. Check a page of ADVANCED FEATURES 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. (For djay for MAC, recorded files will be saved in Finder / User / Music / djay / Recordings.)

FRONT & REAR



vjay & djay app

No.	Control Name	Function
26	HEADPHONE LEVEL	Sets the level of Headphone. (WARNING!! Listening to headphone 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	Selecting the audio output setting when you use iOS device (iPad, iPhone, iPod Touch). For more information, please refer to a page for "SETTING UP THE XW-J1(iOS)" 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 (DC 5.9V 3A) power adaptor to this socket.
36	POWER ON/OFF	Set this switch to ON position.
37	USB TERMINAL	For connecting XW-J1 to your computer.
38	KENSINGTON LOCK	You can protect your XW-J1 from theft by attaching a Kensington lock to this slot.

SHIFT FUNCTION

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

vjay & djay app

No.	Action	Function
S1	SHIFT + 1/8	Drift / INSTANT FX (Hi-pass filter effect can be obtained while the button is pushed.) (Vjay: Video visual FX + INSTANT FX for audio)
S2	SHIFT + 1/4 (only for djay app)	Sway / INSTANT FX (Flanger effect can be obtained while the button is pushed.)
S3	SHIFT + 1/2 (only for djay app)	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 mode. Without scratch action by fingers, it will play scratch based on same tempo of deck.
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 (only for "djay for MAC")	HARMONIC MATCH (Match with the pitch of the song of the other Deck.)

* Before start

- You can buy "vjay for iPad/iPhone" or "djay for iPad/iPhone" at App Store.



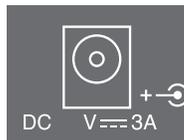
- For the users already have these application, please update it to the latest version.

- "vjay for iPad/iPhone", "djay for iPad/iPhone" are products of Algoriddim. When you need more information, please access the following URL to obtain the manual of them.

- <http://www.algoriddim.com/vjay-ipad>
- <http://www.algoriddim.com/vjay-iphone>
- <http://www.algoriddim.com/djay-ipad>
- <http://www.algoriddim.com/djay-iphone>

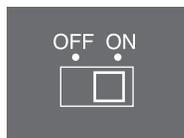
XW-J1 can be connected and used with iOS devices (iPad, iPhone, iPod touch).

1. Connect the power adaptor to the power socket located on the rear panel of the XW-J1 (#35).



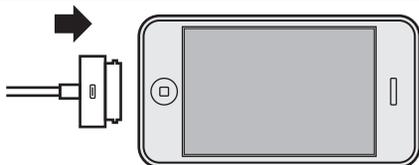
(NOTE) If used with an iOS device, power adapter connection is required for power charge.

2. Set the power switch on the rear panel of XW-J1 to ON (#36).



3. Connect XW-J1 to your iOS devices Dock socket with the Dock cable of XW-J1 (#30).

(NOTE) Please take care about the direction of the 30 pin connector.



4. Launch the "vjay for iOS(iPad/iPhone)" or "djay for iOS(iPad/iPhone)" App.

5. Select the audio output setting in the iOS mode selector on the rear panel of the XW-J1 (#31).

(NOTE)
 iOS 5 : "stereo" or "split" mode(2ch)
 iOS 6 : "multi mode" (4ch outputs)



Setup completed!

All you have to do is connect speakers or headphones to the XW-J1.

(Refer to a page of "CONNECTION EXAMPLE")

(NOTE) Speakers, headphones, and audio cable are not included.

*vjay for iOS Audio setting (For iOS6 users)

- Tap "Setting" button on vjay to open [Audio Device Setup].



Audio Device Setup

Setting button

- Audio device setup shows a controller name connects to iOS device. Please check if these settings are as belows.



- Main Output : Ch 1-2 / Casio XW-J1 Audio Out
- Pre-Cueing : Ch 3-4 / Casio XW-J1 Audio Out

If there are no check mark, please tap the appropriate name.

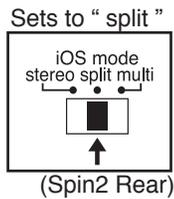
If DJ controller name is not shown on it, please check if XW-J1 power is ON, then reboot the application.

SETTING UP THE XW-J1 (iOS5/6 audio setting)

*Audio output setting for application (For iOS5 users)

As iOS5 does not support 4 channel audio (master stereo and headphone stereo separately), please use "iOS mode" switch to select "stereo" or "split" as shown below :

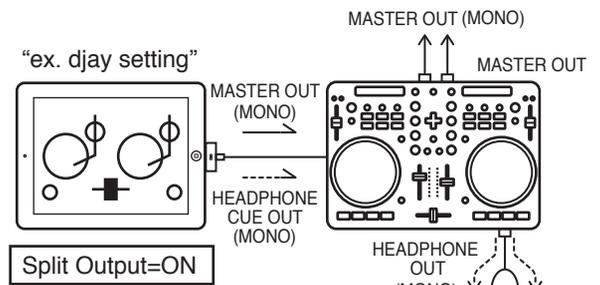
1) Split



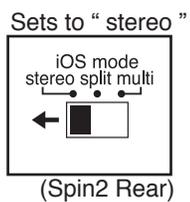
Switching to "split" the switch to enable the Split Output mode of App. App sends the master out to the left channel, and the cue output to the right channel from iOS side (as mono audio).

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.

- iOS Left side(Master output sound) = XW-J1 Master out(mono)
- iOS Right side(Cue output sound) = XW-J1 Headphone out(mono)

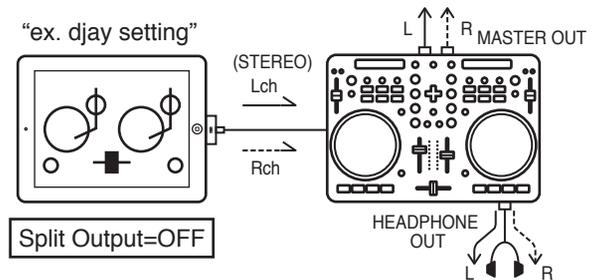


2) Stereo



Stereo output mode to enable XW-J1 to output 2ch stereo signals sent from App.

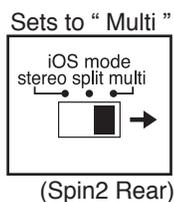
- XW-J1 Master out (L / R) = iOS Left / Right side (Master L / R sound)
- XW-J1 Headphone out (L / R) = iOS Left / Right side (Master L / R sound)



*Audio output setting for application (For iOS6 users)

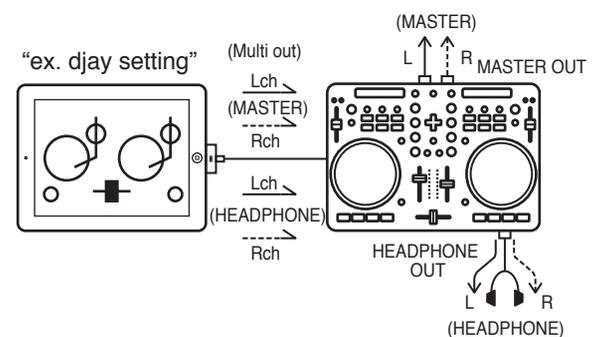
As iOS6 supports 4 channel audio (master stereo and headphone stereo separately), please use "iOS mode" switch to select "Multi" as shown below :

3) Multi



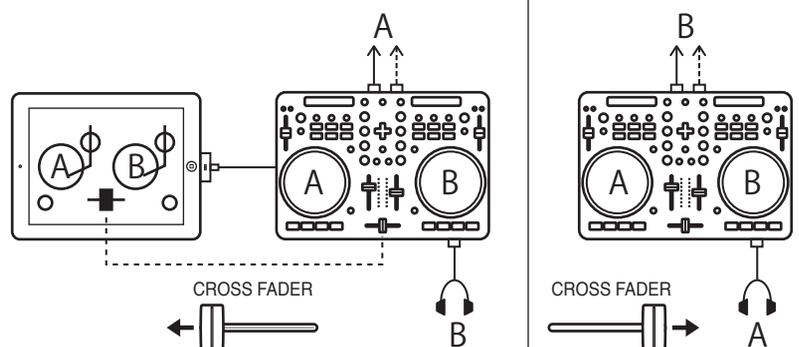
Multi output mode to enable XW-J1 to output 4channel Multi signals sent from App.

- XW-J1 Master out (L / R) = iOS Multi out (Master L / R sound)
- XW-J1 Headphone out (L / R) = iOS Multi out (Headphone L / R sound)



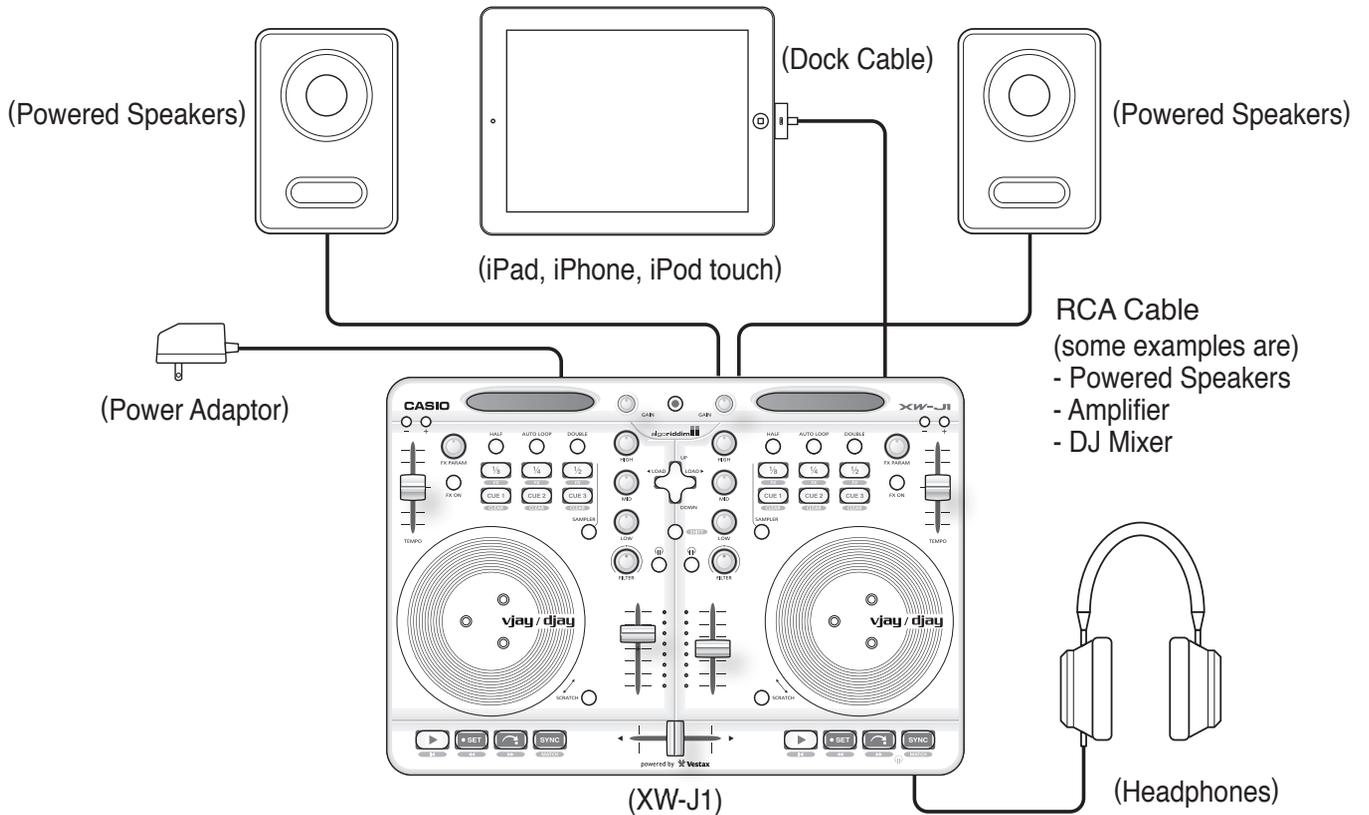
*MONITORING (For iOS6 users)

XW-J1 is designed for DJ play and it has DJ monitoring system for CUE. When the cross fader is moved to the left side, song A is output to the master, and song B is automatically output to the headphones, for preparing the next song. Pressing the monitoring button on song A or B allows for manual selection of the song heard in the headphones.

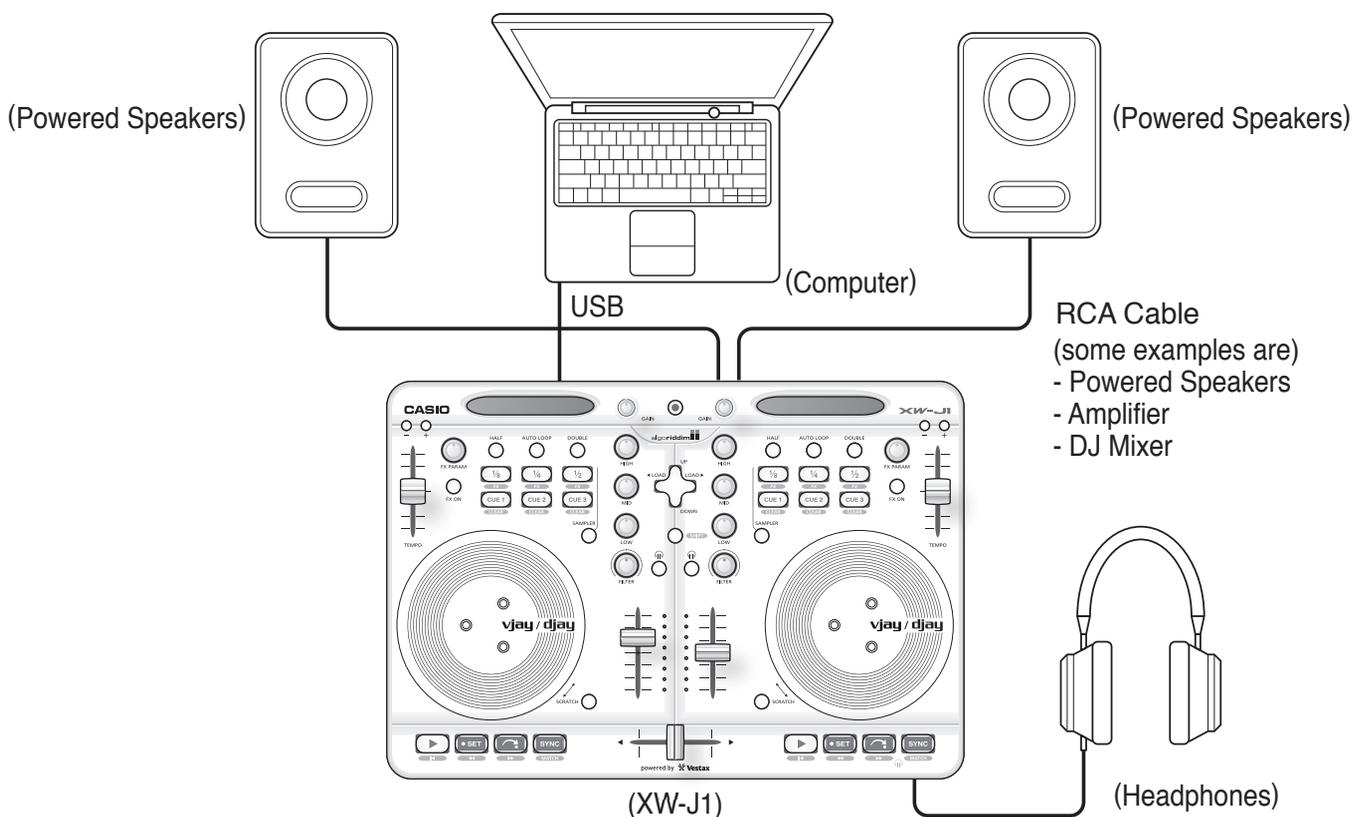


CONNECTION EXAMPLE

XW-J1 + iOS device



XW-J1 + Mac / Windows



BASIC OPERATION

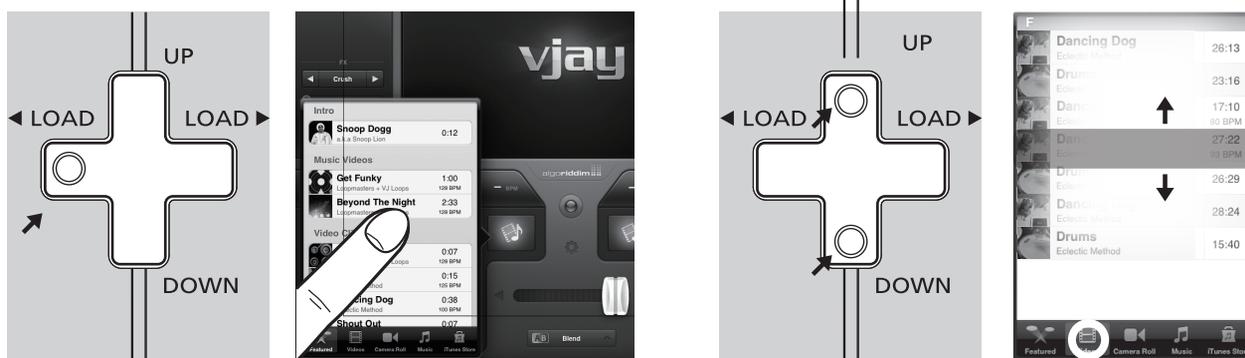
*This guide explains the basics of using vjay for iPad.

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

(NOTE) Make sure the left and right Input fader of XW-J1 (#17) are both set to the lowest position.

Push left key of the Cross key (#22) to open your play list and choose some video Clips by finger tap.

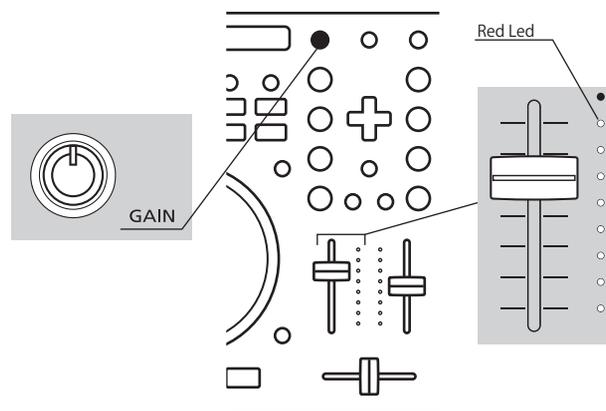
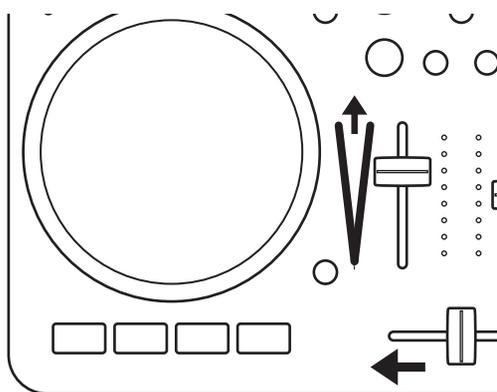
* You can use UP/DOWN key for selecting video in "Video" list.



↑ "Videos" list

Set the Crossfader (#16) to the left and slowly raise the left Input fader (#17). The video will start playing immediately when it has been loaded, you can hear the sound by simply raising the Input fader (#17).

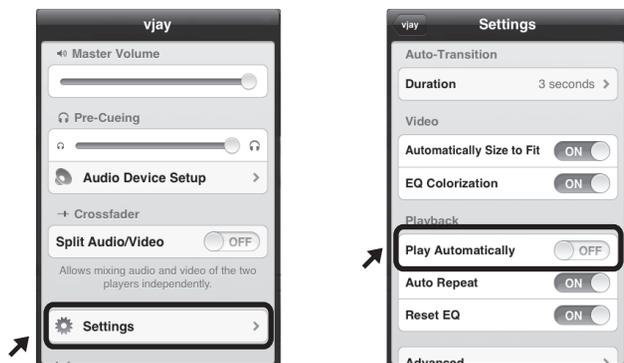
If the sound volume is too low, adjust the Gain knob (#19) to a point where the Input level meter (#18) just reaches the red LED, then reduce it slightly.



★ TIP

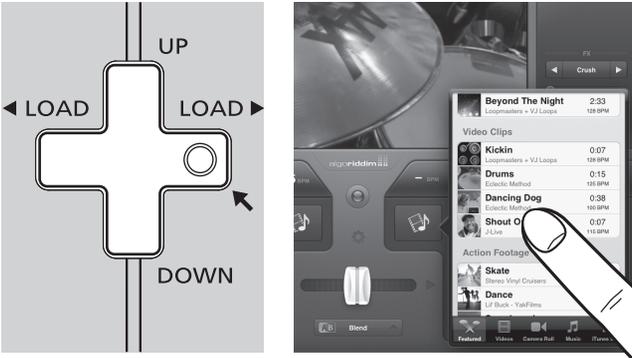
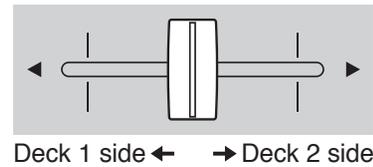
If you want the song to standby on pause when it has been loaded to a deck, go to

- vjay screen
- > settings button
- > settings
- > Playback
- > "Play Automatically"
- > OFF



The Crossfader (#16), crosses (mixes) the videos playing on deck 1 and 2.

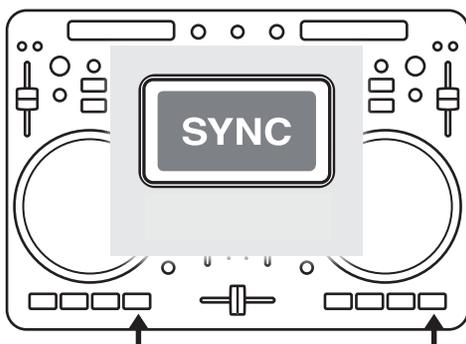
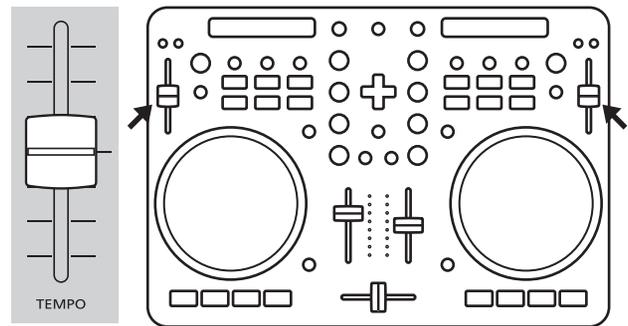
Deck 1's video is played when the Crossfader (#16) is set to the left, and deck 2's video is played when it is set to the right. Both decks videos are played out when the Crossfader is set to the center, which will let you mix both songs using the Input faders (#17).



Right now there's a video playing on the left deck(deck1). Use the Cross key (#22) again to choose a video from your play list. This time, push the right cross key to open the video list and load to the right deck(deck 2).

Both decks (1 and 2) are now playing videos.

The videos 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 vjay and XW-J1. 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!

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

★ TIP

The vjay crossfader control has real-time Video Transition & Effect function when it is operated.

- Blend
- Cube
- Swap
- Grid
- Mosaic
- Push



When you operate the cross fader for mixing deck 1 and 2 video and sound, you can enjoy visual mix effect!



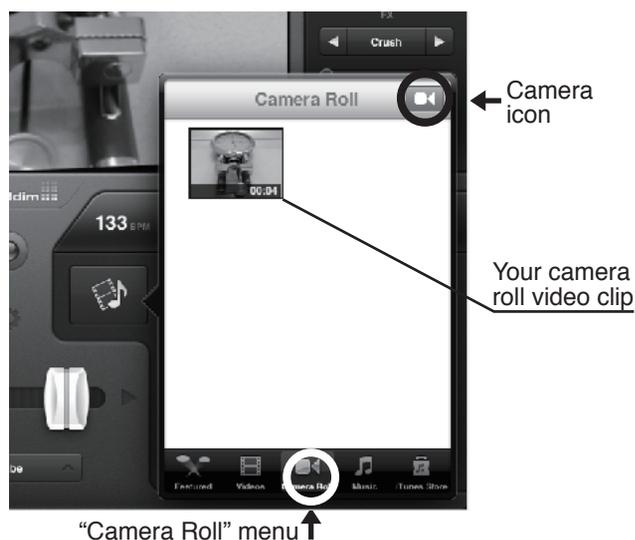
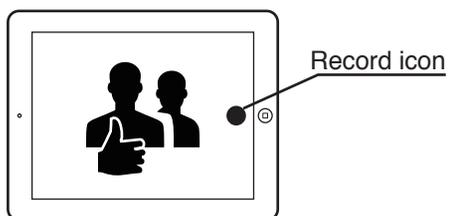
ADVANCED FEATURES

1. Easily control and add FX to your own videos

The vjay application makes it easy to record your own videos using the built-in camera of the iPad/iPhone, and add them to the vjay library. The XW-J1 can then be used to control FX, scratch and loop your videos. It just takes a few seconds to record your own video and start being creative!

A) Capture a video using the built in camera of your iPhone / iPad

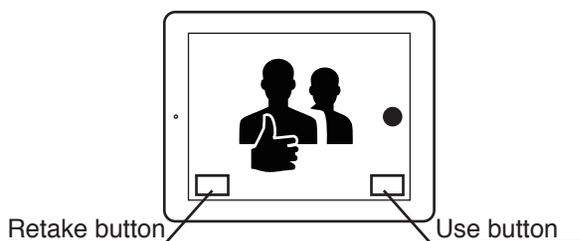
- Open vjay
- Push the left or right button of the cross key of XW-J1 to open the video list.
- Select the "Camera Roll" menu.
- Push the video camera icon. This will open video recording window.



To start recording your video, push the recording icon on the screen. The recording icon will start to flash, showing that recording has started. To stop recording your video, push the recording button icon once more.

If you want to retake the video, press the "Retake" button.

To use the video in the vjay app, press the "Use" button.



It is possible to use the original sound recorded from the video, or to add an audio file from iTunes to the video. To add an audio file from iTunes to the video, press the "Music Note" icon on the top left-hand corner of the deck display.



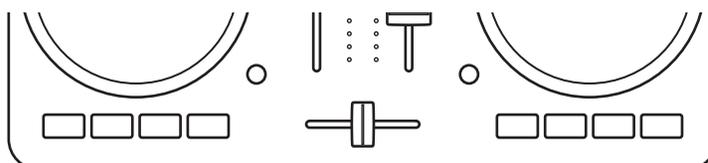
Once the video file has been loaded, you can use the controls of the XW-J1 to scratch, loop and add FX to your video. After you have created your video, you can easily upload it to YouTube and Facebook, and share it with your friends!

2. START POINT & CUE POINT

Cue points of video and song can be set with XW-J1. 4 cue points can be set on each deck.

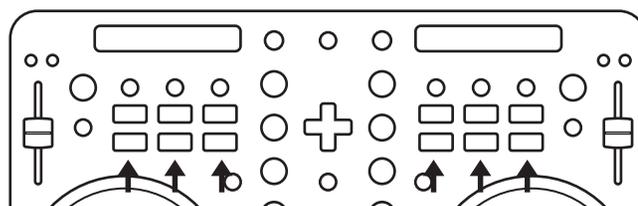
A) How to set a START POINT

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 vjayer 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 color dot on the sound wave form in vjayer) 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 sound wave form in vjayer)



3. 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.

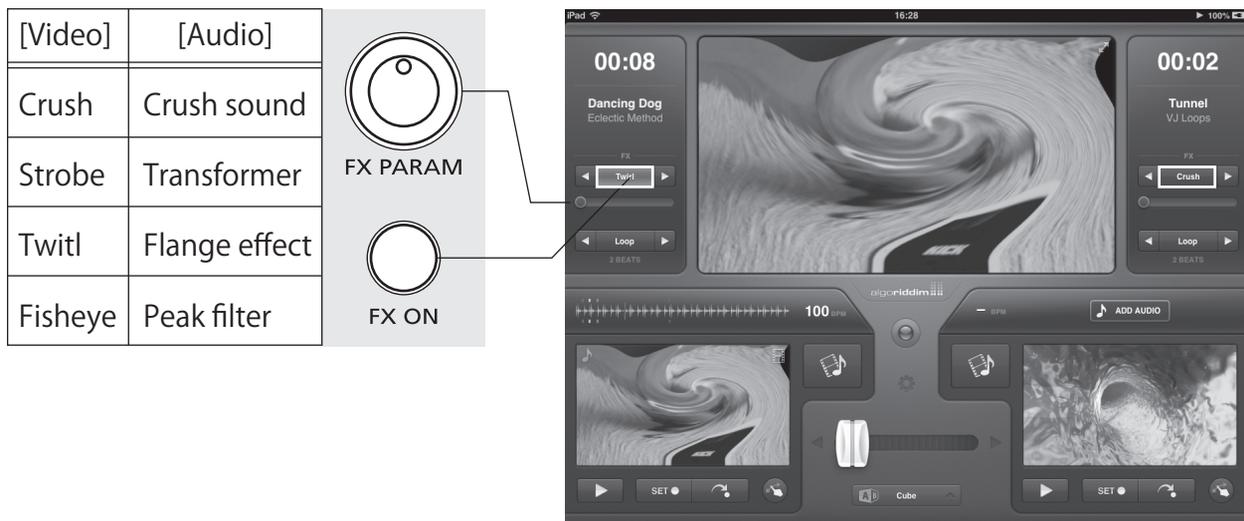


4. Audio - Visual Effects (FX)

vjay for iPad / iPhone has amazing real-time effects by controlling from XW-J1.

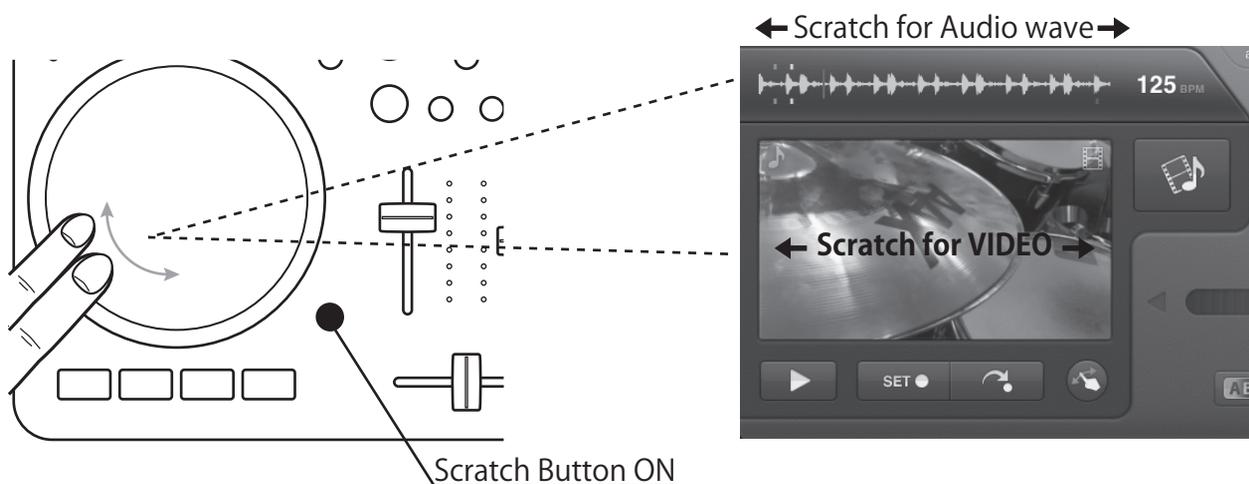
A) How to use Audio - Visual Effects (FX)

Push FX ON (#3) to apply audio and video effects to a track. The FX PARAM knob (#4) adjusts the parameter (effect level) of each effect.



5. Audio and Video Scratch

vjay for iPad / iPhone has Audio and Video scratch function by controlling the JOG of XW-J1.



SUPPORT

TROUBLE SHOOTING

1) The JOG platters do not operate.

- Adjust the TOUCH SENSOR LEVEL located on the rear panel of the XW-J1 (no.34).
- Check SCRATCH button (no.11) is ON.

2) Can not playback.

- The sensor setting is possibly too high. Adjust the TOUCH SENSOR LEVEL located on the rear panel of the XW-J1 (no.34).

3) iPhone5(with lightning connector) does not recognize the XW-J1

(note)

-Although XW-J1 uses a 30-pin connector cable to connect to iOS devices,it can also be used with iOS devices that have a Lightning connector, such as the iPad Retina, iPad mini and iPhone5.Please only use **the genuine 30-pin to Lightning adaptor provided by Apple**. Other adaptors are not supported for use with XW-J1.

- Check the version of iOS application(vjay / djay) <http://www.algoriddim.com/vjay> (or /djay)
- Disable Bluetooth and WIFI on iPhone5
- Restart iPhone5 (put down again once the power supply)
 - : Hold down the sleep/wake button for a seconds,until the red slider appears. Slide the slider with your finger to power off.
- Force a restart of iPhone5(reset of the device)
 - : Please close all running apps before doing this operation. Hold down the sleep/wake button and home button for a second.

5) My computer doesn't recognize XW-J1.

- 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 XW-J1 disconnected. You can delete by choosing this device name. icon, and clicking on the "Remove device."

SPECIFICATIONS

Dimensions	• 354(W) x 250(D) x 47(H)mm (with knobs)
Weight	• 1.45kg
Power consumption	• 5.9V --- 17W (During iOS device charging)
AC Adaptor	• AD-59300S
Inputs / Outputs	<ul style="list-style-type: none"> • PHONES jacks : Stereo standered jacks x 1 Output impedance : 47Ω / Output Voltage : 0.85V(RMS) *47Ωload • RCA jacks : Stereo RCA jacks x 1 Output impedance : 1KΩ / Output Voltage : 1.3V (RMS) • Power : 5.9V DC • USB port : TYPE B

OPERATING PRECAUTIONS

Be sure to read and observe the following operating precautions.

■ Location

Avoid the following locations for this product.

- Areas exposed to direct sunlight and high humidity
- Areas subjected to temperature extremes
- Near a radio, TV, video deck, or tuner

The above devices will not cause malfunction of the product, but the product can cause interference in the audio or video of a nearby device.

■ User Maintenance

- Never use benzene, alcohol, thinner, or other chemical agents to clean the product.
- To clean the product, wipe with a soft cloth moistened in a weak solution of water and a mild neutral detergent. Wring all excess moisture from the cloth before wiping.

■ Included and Optional Accessories

Use only accessories that are specified for use with this product. Use of unauthorized accessories creates the risk of fire, electric shock, and personal injury.

■ Weld Lines

Lines may be visible on the exterior of the product. These are “weld lines” that result from the plastic molding process. They are not cracks or scratches.

■ Musical Instrument Etiquette

Always be aware of others around you whenever using this product. Be especially careful when playing late at night to keep the volume at levels that do not disturb others. Other steps you can take when playing late at night are closing the window and using headphones.

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- The contents of this manual are subject to change without notice.

■ AC Adaptor Handling Precautions

- Use a power outlet that is easily accessible so you can unplug the AC adaptor when a malfunction occurs or whenever else you need to do so.
- The AC adaptor is intended for indoor use only. Do not use it where it might be exposed to splashing or moisture. Do not place any container, such as a flower vase, that contains liquid on the AC adaptor.
- Store the AC adaptor in a dry place.
- Use the AC adaptor in an open, well-ventilated area.
- Never cover the AC adaptor with newspaper, a table cloth, a curtain, or any other similar item.
- Unplug the AC adaptor from the power outlet if you do not plan to use the Controller for a long time.
- Never try to repair the AC adaptor or modify it in any way.
- AC adaptor operating environment
 - Temperature: 0 to 40°C
 - Humidity: 10% to 90% RH
- Output polarity: 

AC Adaptor Handling Precautions

Model: AD-59300S

1. Read these instructions.
2. Keep these instructions on hand.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with a dry cloth.
7. Do not install near radiators, heat registers, stoves, or any other source of heat (including amplifiers).
8. Use only attachments and accessories specified by the manufacturer.
9. Refer all servicing to qualified service personnel. Servicing is required after any of the following occurs: when the product is damaged, when the power supply cord or plug is damaged, when liquid is spilled into the product, when a foreign object falls into the product, when the product is exposed to rain or moisture, when the product does not operate normally, when the product is dropped.
10. Do not allow the product to be exposed to dripping or splashing liquid. Do not place any object containing liquid on the product.
11. Do not allow the electrical load output to exceed the label rating.
12. Make sure the surrounding area is dry before plugging into a power source.
13. Make sure the product is oriented correctly.
14. Unplug the product during lightning storms or when you do not plan to use it for a long time.
15. Do not allow product ventilation openings to become blocked. Install the product in accordance with the manufacturer's instructions.
16. Take care the power cord is located where it will not be stepped upon or bent severely, particularly in locations close to plugs and convenience receptacles, and in locations where it exits from the product.
17. The AC adaptor should be plugged into a power outlet as close to the product as possible to allow immediate disconnection of the plug in case of emergency.

The symbol below is an alert indicating un-insulated hazardous voltage inside the product's enclosure, which may be sufficient to constitute the risk of electric shock to users.



The symbol below is an alert indicating the presence of important operating and maintenance (servicing) instructions in the documentation that accompanies the product.





XWJ1-E-1A