

# JVC

LYT2658-001A

**EN**

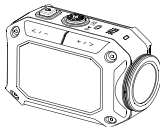
ACTION CAMERA  
**GC-XA2** 

**ENGLISH**   
**FRANÇAIS**   
**ESPAÑOL** 

## Basic User Guide

### For Future Reference:

Enter the Model No. (located on the bottom of the camera) and Serial No. (located on the battery pack mount of the camera) below.



**Model No.**

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**Serial No.**

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- Before use, be sure to read "Safety Precautions" (p.2) and "Cautions" (p.3) to use the product correctly.
- Malfunction due to water immersion and other damage caused by misuse by the customer is not covered by warranty.



### Detailed User Guide

For more details on operating this product, please refer to the "Detailed User Guide" at the following website.

■ <http://manual3.jvckenwood.com/>



BC mark means complies with Energy Efficiency Law.

## Safety Precautions



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.

### NOTES:

- The serial number plate is on the battery mount of the camera.

### CAUTION:

The mains plug shall remain readily operable.

- Remove the mains plug immediately if the camcorder functions abnormally.

### WARNING:

The camcorder should not be exposed to excessive heat such as direct sunshine, fire or the like.

### IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with a dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

2

9. Only use attachments/accessories specified by the manufacturer.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as if the 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.

If a malfunction occurs, stop using the camcorder immediately and contact [www.jvc.com](http://www.jvc.com) or by phone at 1-800-252-5722

Changes or modifications not approved by JVC could void the user's authority to operate the equipment. 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.

**Declaration of Conformity**

Model Number : GC-XA2BU  
Trade Name : JVC  
Responsible party : JVC AMERICAS CORP.  
Address : 1700 Valley Road Wayne, N. J. 07470  
Telephone Number : 973-317-5000  
This device complies with Part 15 of 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.

CAN ICES-3B/NMB-3B

Power Consumption: < 520 mA  
(Working Current)

## Cautions

— Read Before Use —

### Notes on this equipment

- **The camera shall not be exposed to excessive heat such as direct sunshine, fire or the like.**  
The battery may explode if it becomes hot.
- **The battery is not charged when purchased. Charge the battery before using it for the first time.**
- **Do not or subject it to excessive shock or vibration.**
- **Before recording, be sure to conduct a trial recording.**
- **Store the recorded data periodically on computer.**

JVC shall not be liable for any damage or loss of data.

- **Do not press the surface of the screen forcefully or subject it to strong impact.**

Doing so may damage or break the screen.

- **When using the unit in a low temperature environment (-10°C (14°F) or below), the operating time may be shortened, or it may not function properly.**

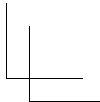
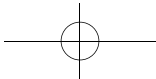
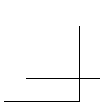
### Precautions on Using Wi-Fi

Cautions on the Wi-Fi Function

- Operation is not guaranteed on all devices.
- This function is not designed for disaster or crime prevention.
- Communication may not be carried out properly near radio equipment or broadcasting stations. In this case, change the location accordingly.
- **Radio wave interference by Bluetooth devices**  
Bluetooth devices make use of the same frequency bandwidth (2.4 GHz) as that of Wi-Fi devices. Using this product near such devices may cause radio wave interference, and result in a drop in communication speed or connection failure. In this case, turn off the power of devices that are not in use.

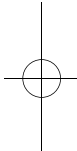
### Wireless LAN security

An advantage of wireless LAN is that instead of using a LAN cable, it transmits information using radio waves, thus enabling a LAN connection to be established within the area covered by the radio waves. However, as radio waves penetrate through objects (such as walls) within the range that they cover, security issues, such as interception of transmission or illegal access, may arise if security settings are not configured. Before you connect



to the network in a wireless LAN environment, read through the instruction manual for the wireless LAN device in use, and configure the security settings accordingly. Failure to do so may increase the risk of personal information such as user names, passwords, and the content of your e-mails being intercepted, or illegal access to the network.

- Due to the design of wireless LAN, note that security may be breached by unusual or unforeseeable means.
- For more details on wireless LAN and network security, please consult the manufacturer of your wireless LAN device.
- JVC shall not be liable for any security issues, problems, damage or losses arising from the use of this feature.



**Radio Waves Used by this Product**  
**This product makes use of radio waves in the ISM band (2.4 GHz). Although a radio station license is not required to use this product, please take note of the following.**

- **Do not use this product near the following places**
  - Industrial, scientific, or medical equipment, such as microwave ovens and pacemakers
  - Specified low-power radio stations that do not require a license
  - Bluetooth devices  
Equipment, such as the above mentioned devices, makes use of the same frequency bandwidth as that of Wi-Fi.  
Using this product near the above equipment may cause radio wave interference, and result in communication failure or a drop in communication speed.
- **Avoid using this product near a TV or radio set.**  
TV or radio sets make use of a radio wave frequency bandwidth

that is different from that of Wi-Fi, and therefore has no effect on communication by this product or the TV/radio set.

However, when a TV/radio set is placed close to a Wi-Fi product, electromagnetic waves emitted by the Wi-Fi product may cause noise to occur in the sound or images of the TV/radio.

- **Radio signals are unable to penetrate through reinforced steel, metal, or concrete.**

The radio waves used by this product are unable to penetrate through reinforced steel, metal, or concrete materials.

It may difficult for communication to be established if two rooms or floors are separated by these materials.

\*Communication may also become weaker when there are human subjects or parts of the body in between the Wi-Fi devices.

- **Do not connect to wireless networks that you do not have authorization for.**

Once connected, it may be considered as unauthorized access and legal actions can be taken against you.

- **Do not use the Wi-Fi function outside the country of purchase.**

Depending on the country, there may be restrictions on the use of radio waves and any violations could be punishable by law.

- **Exporting/Bringing the Unit Overseas**

Permission from the U.S.

government may be required when bringing the unit to an export controlled country set by the U.S. government (such as Cuba, Iraq, North Korea, Iran, Rwanda, and Syria. As of June 2012).

For more information, consult the U.S. Embassy Commercial Service.



### Waterproof Function

This camera is equipped with a waterproof function.

This camera can make recordings in marine water and fresh water. We recommend selecting [Blue (marine)]/[Green (marine)] in White Balance for underwater scenes. The waterproof function is tested in accordance with JVC test standards and it does not assure damage-free or trouble-free operation. (The waterproof functions not evaluated by UL.)

**The waterproof function cannot be guaranteed if the camera is subject to impact.**

Waterproof Function : IEC Standard publication 529 IPX8.

- **The cover for the ports must be firmly closed.**
- **Do not use this product in water deeper than 5 m (16.4 ft).**
- **Do not use in the following locations:**
  - Places with higher water pressure than specified, in hot springs or water of 40°C (104°F) or higher.
- **Supplied accessories are not waterproof.**

- **Malfunction due to water immersion** (IPX8 5m(16.4ft) 30 minutes) and other damage caused by misuse by the customer is not covered by warranty.

Before use, be sure to read the "Detailed User Guide" at our website.

#### — Maintenance After Use —

- After use in water or a dusty environment, rinse the camera as soon as possible with still fresh water in a basin.
- Always keep the lens clean and wipe the water droplets off the camera with a soft and dry cloth.
- Air-dry the camera completely in a shaded area.

- **The waterproof function of the**

**ports is not guaranteed in all environments or conditions** (IPX8 5m (16.4ft) 30 minutes).

#### — CAUTION —

**To maintain compliance with FCC's RF exposure guidelines, use only the supplied antenna. Unauthorized antenna, modification, or attachments could damage the transmitter and may violate FCC regulations. 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.**
- (2) **This device must accept any interference received, including interference that may cause undesired operation.**

**ATTENTION: The product you have purchased is powered by a rechargeable battery that is recyclable.**

Please call  
**1-800-8-BATTERY** for  
information on how to  
recycle this battery.  
(USA and Canada only)

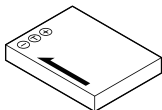


**If this symbol is shown,  
it is only valid in the  
European Union.**

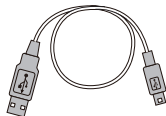
#### CAUTION:

- Dispose of used batteries according to the instructions.
- Risk of explosion if battery is replaced by an incorrect type.

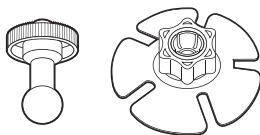
## Checking the Accessories



Battery  
(BN-VH105)



USB cable



Wide flexible mount  
(Pod part/Base part)

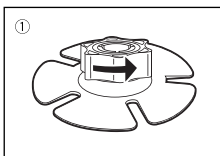
- Remove any dirt or moisture before attaching accessories.
- Once attached, the flexible mount cannot be removed.
- The knob of the flexible mount is attached to the base part when purchased. Remove the knob before assembling the flexible mount.

## Assembling the Flexible Mount

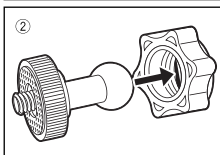
When you fix the camera to a helmet, etc., attach the flexible mount to the tripod mounting hole of the camera.

- ① **Remove the knob from the base part.**

Turn the knob in the direction indicated.

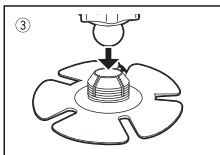


- ② **Insert the pod part into the knob.**

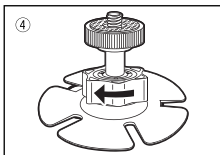


- ③ **Attach the pod part to the base part.**

Be careful not to pinch your finger.



- ④ **Fasten the knob firmly.**



## Component Names and Functions

### Record/SET button

Recording mode: starts/stops recording  
Playback mode: starts or pauses playback

### Power button

### </- button

### +/> button

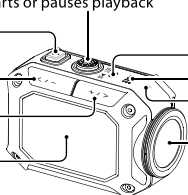
### LCD monitor

### Speaker

### Microphone

### Access LED

### Lens



### Play/Record button

switches to the recording mode/  
playback mode.

### MENU/DELETE button

Recording mode: displays the menu  
Playback mode: deletes a file

### Tripod socket

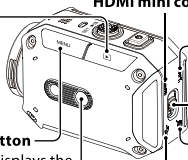
### HDMI mini connector (inside)

### Battery slot (inside)

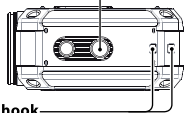
### Port/slot cover latch

### SD slot (inside)

### Mini USB Port (inside)



**When attaching an optional product not manufactured by JVC, make sure that the product conforms to 1/4 ISO 1222. Attaching a product with a long screw may cause a malfunction.**



### Strap hook

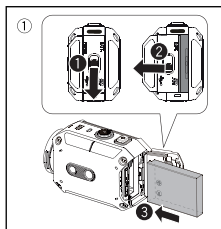
Use a strap or something similar to prevent the camera being dropped.



## Charging the Battery

### ① Load the battery.

- ① Slide the port/slot cover latch in the direction indicated.
- ② Slide and open the cover in the direction indicated while holding down the latch.
- ③ Insert the battery in the correct direction (+/-) while pulling the blue lever to the left.



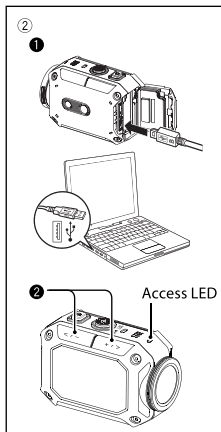
### ② Charge the battery.

#### ① Connect the USB cable.

- ② Press < or > to select "Adapter", and press SET.

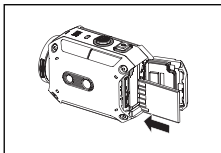
- The Access LED lights during charging.
- The approximate charging times are 5 hours (when connected to a PC) and 2.3 hours (when connected to the AC adapter).
- Be sure to use an AC adapter manufactured by JVC (AC-V17LU, sold separately).
- Do not use batteries or AC adapters made by other manufacturers.

The Access LED turns off when charging is complete. Remove the USB cable and close the cover firmly.



## Inserting an SD Card

- Insert a separately purchased SD card into the SD slot firmly, until the card is locked.
- To remove the SD card, push the card in once, and pull it out straight.
- When using a new SD card, format the card in the menu screen.



Operation is confirmed with the following manufacturers' SD cards.  
Class 4 or higher SD/SDHC/SDXC cards  
(up to 128GB)

When recording with 1080p60 (1080p50), Class 6 or higher is required.

- SanDisk

- TOSHIBA

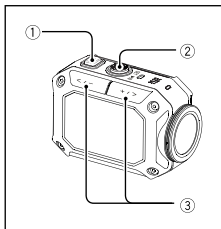
## Setting the Clock

- ① **Press and hold Power for 2 seconds to turn the power on.**
- ② **Press MENU.**
- ③ **Press < or > to select "Setup", and press SET.**
- ④ **Press < or > to select "More", and press SET.**
- ⑤ **Press < or > to select "Time Setting", and press SET.**
- ⑥ **Press < or > to adjust the year, and press SET.**
- ⑦ **Repeat the previous step to adjust the month, day, hour, and minute.**

- The screen in step ⑥ appears the first time the camera is used.

## Recording

- ① **Turn the power on.**  
Press and hold Power for 2 seconds.
- ② **Press Record to start recording.**  
Press Record again to stop recording.
- ③ **Zoom in or out if necessary.**  
</- : Zoom out  
+ / > : Zoom in



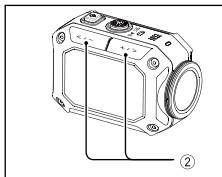
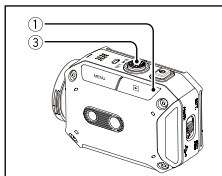
### ■ To switch to the photo capturing mode

- ① **Press MENU.**
- ② **Press < or > to select "Photo", and press SET.**
- ③ **Press < or > to select "Photo" again, and press SET.**

- The approximate available recording time is about 60 minutes (1080p30/25) using the battery.
- Do not remove the battery or the SD card while the access LED is lit.
- The power is automatically turned off if no operation is performed for 5 minutes.
- If you connect a separately sold AC adapter (AC-V17LU) and the connection mode is set to "AC", you can record with the power supplied through the miniUSB connector while the camera is charging. (The battery is not charged while the power is on.)

## Watching or Deleting Videos/Photos

- 1 **Switch to the playback mode.**  
Press Play to switch back to the recording mode.
- 2 **Press < or > to select a file.**
- 3 **Press SET to start playback.**



### ■ To delete a file

- 1 **Press < or > to select the file you wish to delete.**
- 2 **Press MENU.**
- 3 **Press < or > to select "Yes", and press SET.**

### Button operations during playback

	Video	Photo
SET	Play/Pause	-
</-	During playback: Fast rewind During pause: Previous file	Previous file
+/>	During playback: Fast forward During pause: Next file	Next file

## Using Wi-Fi

### ■ Available functions

- **Monitoring the camera view**  
You can check the camera view and operate the camera from an Android or iOS device.
- **Broadcasting using Ustream (\*1)**  
You can broadcast camera footage in real-time using Ustream.
- **Uploading to YouTube (\*1)**  
You can upload files to YouTube.

(\*1): To use these functions, you must register wireless LAN settings and a service account in advance using a PC, Android or iOS application.  
For more details, please refer to the "Detailed User Guide".

### ■ To monitor the camera view

- ① **Download the appropriate application.**  
Download "ADIXXION sync." (freeware) from Google Play (for Android devices) or App store (for iOS devices) and install.
- ② **Set the Wi-Fi function of the camera to on.**
  - ① **Press MENU.**
  - ② **Press < or > to select "Wi-Fi Menu", and press SET.**
  - ③ **Press < or > to select "ON", and press SET.**
  - ④ **Confirm the displayed camera ID (SSID).**
  - The Wi-Fi settings remain even after the power is turned off.
  - Power consumption will increase while the Wi-Fi setting is on. Set the Wi-Fi setting to off when not in use.
- ③ **Set the Wi-Fi function of your device to on.**

**Android device:**

  - ① **Touch "Settings" on the application list.**
  - ② **Touch "Wireless & network".**
  - ③ **Touch "Wi-Fi" to turn the Wi-Fi on.**



## Using Wi-Fi (continued)

**iOS device:**

- ① Touch "Settings".
- ② Touch "Wi-Fi".
- ③ Touch "Wi-Fi" to turn the Wi-Fi on.
- ④ Touch Camera ID (JVC-\*\*\*\*\*) on the list.

- The display and procedure may differ depending on the device you use.

- ④ Start "ADIXXION sync."
  - ① Touch "ADIXXION sync." on the application list.
  - ② Touch the detected camera.

If the camera cannot be found, confirm that the Wi-Fi setting is set to on and touch "Refresh".



### ■ Applications for Windows/Mac OS PCs

By installing the application, you can perform the same operations as on the Android/iOS application on Windows or Mac OS PCs.

- Download the application at the following website.  
<http://www3.jvckenwood.com/english/download/gc-xa2/index.html>

## Troubleshooting

Problem	Check
Cannot turn on the camera/ The power turns off suddenly	Recharge the battery pack.
Cannot connect to the Wi-Fi/ Wi-Fi connection cuts off	Try to connect again in a better reception environment. If you are far from the receiver, there is interference, or if there is a microwave or another wireless device nearby, the communication speed may slow down or the connection may not be established.
The thermometer icon appears.	The inside of the camera has become overheated. Turn off the unit and wait for a while until the camera cools down.
"Wrong Adapter" is displayed and power turns off.	The power is automatically turned off to protect the electrical circuit if the AC adapter input exceeds 5V. Be sure to use an AC adapter manufactured by JVC (AC-V17LU, sold separately).
The image flickers.	Turn the power off, and then turn it on again.

### FCC: Federal Communication Commission Interference Statement

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.

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.

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

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

### Federal Communication Commission (FCC) Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C. IC:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2003.

This Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

# JVC

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