

The 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

LIMITED WARRANTY

This manufacturer's product warranty extends to the original consumer purchaser of the product. Neither the retailer nor any other company involved in the sale or promotion of this product is a co-warrantor of this manufacturer warranty.

WARRANTY DURATION: All materials and workmanship are warranted to the original consumer purchaser for a period of thirty (30) days from the original purchase date.

WARRANTY COVERAGE: This product is warranted against defective materials or workmanship. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty doesn't cover the following which may be supplied with this product, including but not limited to; LCD Screens, glass parts, lenses, etc. This warranty is effective only if the product is purchased and operated in USA, and does not extend to any units which have been used in violation of written instructions furnished by manufacturer or to units which have been altered or modified or, to damaged products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

WARRANTY DISCLAIMERS: This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume for manufacturer any other liability in connection with the sale of our products. There shall be no claims for defects or failure under any theory of tort, contractor commercial law including but not limited to, negligence, gross negligence, strict liability, breach of warranty and breach of contract. Under no circumstances will Manufacturer's / Distributor's maximum liability exceed the retail value of the product.

WARRANTY PERFORMANCE: During the above 30 day warranty period, a product with a defect will be either repaired or replaced with a reconditioned comparable model (at manufacturer's option). The repaired or replacement product will be in warranty for the balance of the 30 day warranty period and an additional one-month period. No charge will be applicable for such repair or replacement.

SERVICE AND REPAIR: If service is required for this product, you should first contact Midwest Trading Group Customer Service at info@mtradinggroup.com or by calling 1 (866) 815-4714, Monday to Friday 10am to 6pm EST.

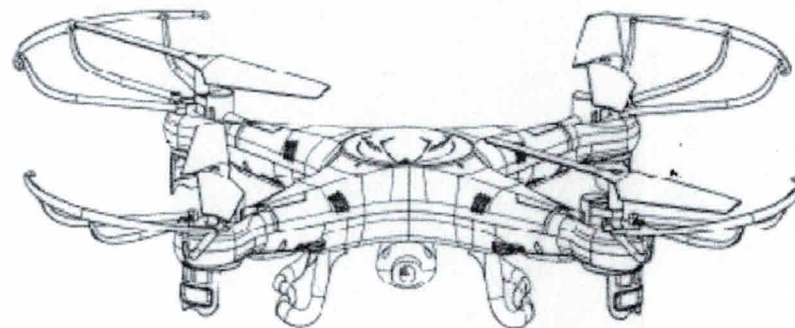
NOTE: Manufacturer cannot assume responsibility for loss or damage during incoming shipment. As a precautionary measure, carefully package the product for shipment, and insure it with the carrier. Be sure to enclose the following details with the product: your full name, return address and daytime phone number, a note describing the problem you experienced, a copy of your sales receipt or other proof of purchase to determine warranty status. C.O.D. shipments cannot be accepted.



AERODRONE WI-FI

WIFI Drone with VR Headset

FOR AGE
14+



ITEM NO: QWVR-4/0715

INSTRUCTION MANUAL

Please read all instructions carefully and retain for future use

Note: Physical damage to the product or its parts, caused due to operational reasons is not covered in warranty. Manufactures/distributors/retailers are not responsible and/or liable for any damage or loss property caused due to use of this product.

GETTING STARTED

- Remove the product from the box.
- Remove any packaging from the product.
- Please read all instructions and retain all packaging until you have checked and counted all of the parts.

PACKAGE CONTENTS

- WIFI Quadcopter with Camera (with removable rechargeable battery)
- Remote Controller
- Adjustable Smart Phone Mount
- USB Charging Cable
- 6 Protecting Frames with Lock Screws and a Screwdriver
- 2 Landing Skids with Lock Screws
- 2 pairs of spare blades
- VR Headset with headbands
- Instruction Manual

CHARGING THE QUADCOPTER

1. Slide the Quadcopter's Power Switch to OFF.
2. Slide the battery cover (located underneath the quadcopter), backward to open.
3. Pull out the battery wire from the power port.
4. Insert the USB plug of the USB Charging Cable (included) into the computer USB port and connect the other end of the cable to the battery connector. Red LED light on the USB cable is on while charging. After the battery is fully charged, Red LED light turns off. It takes about 100 minutes to fully charge the battery.
5. Disconnect the battery connector from the charging cable and reconnect the battery to the Quadcopter.
6. Once fully charged, the Quadcopter can fly for about 6-8 minutes. Actual fly time is subject to individual handling & flying conditions.



Note: Battery life / Flying time may vary depending on flying conditions, handling, control range etc.

Caution:

If the Quadcopter needs to be recharged, allow 10-15 minutes for it to cool down before recharging.

- Do not overcharge the battery.
- If the battery becomes too hot while charging then remove it from charging immediately and allow it to cool down.
- Do not reconstruct battery.
- Do not connect the battery to an electrical outlet.

Note: Live Video Streaming, Video Recording, Still Photography can be performed only while flying in WiFi mode through a smart phone, tablet etc. See further details under WiFi OPERATION section of this manual.

SUITABLE FLYING CONDITIONS

1. Places with no or few obstacles are recommended.
2. Do not fly your Quadcopter in strong winds as it may affect the remote-control system and interfere with your control leading to a crash or damage to the Quadcopter.
3. Do not fly in rain, or damp conditions.

Caution:

- Never allow young children to use this product alone.
- Parental guidance is highly recommended during the use of this product.
- DO NOT operate your Quadcopter if someone else is operating a similar device in the same operating range, as it may interfere with the frequency range and impact the controlling capacity of the Quadcopter. Multiple Quadcopter operating simultaneously must be on different frequency bands.
- Discretionary use of camera: It is a legal offence to use Quadcopter camera function for recording inappropriate content. Kindly respect others' privacy while using camera function outside of your household. Local laws apply.

INSTRUCTIONS FOR USE

This Quadcopter can be flown in one of the two ways.

- A. Using Remote Controller
- B. Using your Smart Phone / Tablet through WiFi.

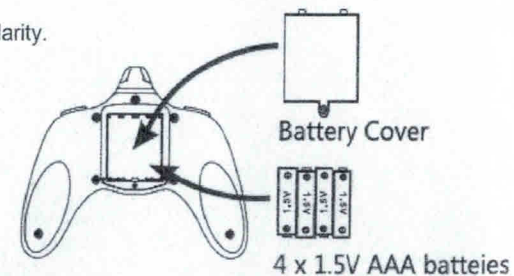
Fly Quadcopter using Remote Controller

Battery installation on the Remote Controller

Use a screwdriver to open the battery cover of the remote controller. Install 4 x "AAA" batteries (not included) in the battery compartment as indicated. Put back the battery cover and use the screwdriver to secure.

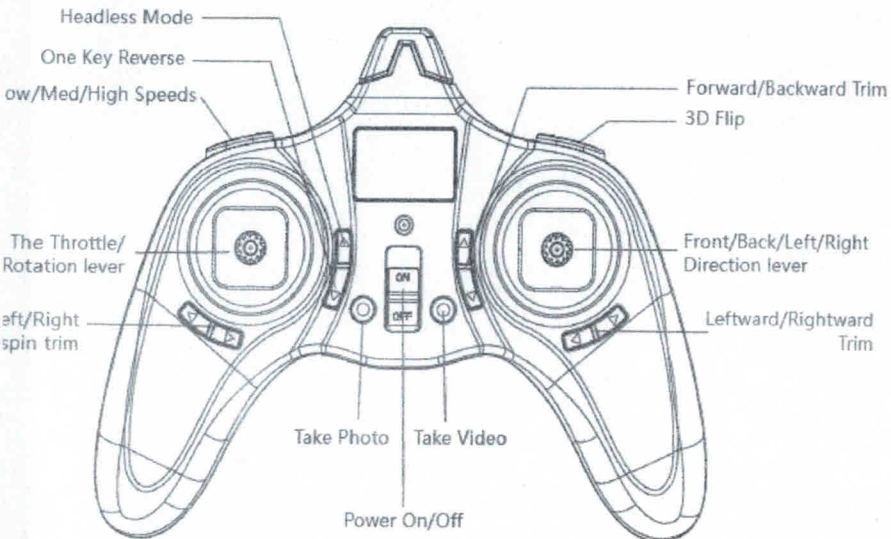
Notice:

1. Install the battery as per the indicated polarity.
2. Do not mix different types of batteries
3. Do not mix new and old batteries.



DESCRIPTION OF PARTS

Remote Control



PREPARE FOR TAKE OFF

Install 4 Protecting Frames with Lock Screws on the top of Quadcopter, and install 2 Landing Skids with Lock Screws on the bottom of Quadcopter by the included Screwdriver.

Slide the Quadcopter's Power Switch to ON, green and red LED lights will flash.

Place the Quadcopter on flat surface.

Check the area to make sure it is clear from people, pets, trees, buildings, high voltage wires, and other obstructions.

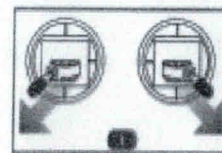
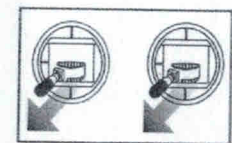
Turn on the power switch of remote control. After hearing "beep..." sound, LED lights of the Quadcopter stop flashing and become normal operation, which means matching of frequency.

Note: The red LED must on the front position to move forward, while green LED must on the rear position.

GYROSCOPE CALIBRATION

Move the left throttle and right direction lever to the bottom left corner (45 degree angle) at the same time, the calibration is successful once the lights stop flashing.

Note: When the Quadcopter drifts any direction, and the trim-turning adjustment cannot play the role, gyro calibration operation can repair it.



Taking off & hover the quadcopter

1. Push the left throttle to bottom left corner (45 degree angle) and the right direction lever to the bottom right corner (45 degree angle) at the same time, motors starts rotating, ready to fly.



2. a. Push up the left throttle, the quadcopter takes off and ascends manually.

b. Or press the button 'Take off', the quadcopter takes off and ascends automatically.



3. Release the left throttle, it will return back to central position and the quadcopter hovers automatically.

Landing the quadcopter

Method 1: Pull down the left throttle to bottom position, the quadcopter descends and lands manually.

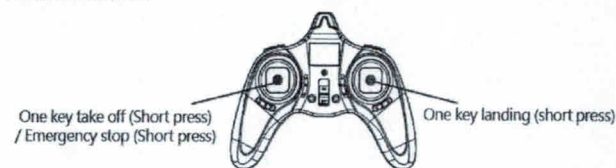
Method 2: Press the button 'Landing', the quadcopter descends, lands and stops motors automatically.

Note: Before final landing to ground, the quadcopter can still be flown up by pushing up the left throttle.

EMERGENCY STOP

In case of the motors are stuck by obstacles or danger happens to surroundings, press the button 'Emergency stop' to stop the motors immediately to avoid further damage or injury.

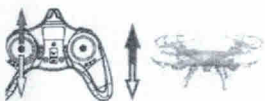
Note: If it is not necessary, please do not try this Emergency button to bring possible damage to the quadcopter by violent crashes.



Caution: Always turn OFF the controller before you turn off the Quadcopter and unplug the battery from the unit. Do not push the throttle sticks excessively while taking off as it may lead to a quick ascend which may cause injury.

Warning: Do not fly in strong wind, as it may overpower your Quadcopter and lead to loss of control. Flying time: On a full charge, and in low wind conditions, the Quadcopter will fly for about 6-8 minutes.

Note: Battery life / Flying time may vary depending on flying conditions, handling, control range etc.



Ascend/Descend

Push the left throttle up or down, the Quadcopter flies upward or downward.



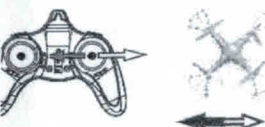
Turn Left/Right

Push the left throttle left or right, the Quadcopter turns left or right.



Forward/Backward

Push the direction lever up or down, the Quadcopter flies forward or backward.



Fly Left/Right

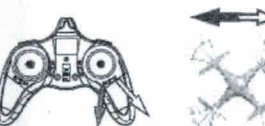
Push the direction lever left or right, the Quadcopter flies laterally to left or right.

E-TUNING OPERATION



Left/Right spin trimming

If the Quadcopter turns left, press right spin trim button to tune it. If it turns right, press left spin trim button to tune it.



Sideward fly trimmer

If the Quadcopter flies excessively to either left or right side, you can correct it by pressing the Sideward right or left trim button, respectively.



Forward and backward trimmer

If the Quadcopter flies either forward or backward excessively, you can correct it by pressing Forward / Backward Trimmer, backward or forward, respectively.

3D FLIP

Fly the quadcopter 10 feet high, press the FLIP STUNT key on the right up corner of the Transmitter, and push the right direction rudder to make tumbling action like forward flip, backward flip, left-flip, right-flip.

HEADLESS MODE FUNCTION

1. Regardless of where the Quadcopter turns, the direction of flight always corresponds exactly to the direction specified with the control for forward/backwards and sideways movements.
2. Place the quadcopter on the level surface facing away from you. Turn on the quadcopter and connect the controller.
3. Press the Headless Mode button once to initiate the Headless Mode flight, you will hear a beep sound and LED light flashes to indicate that the unit is in Headless mode.
4. Press the Headless Mode button again to exit from Headless Mode.

ONE KEY REVERSE FUNCTION

When the Quadcopter flies too far, you can get it back to its original place of take off, by pressing a single key: One Key Reverse button.

If you want to deactivate this mode, push the right control lever in any direction.

Note: The Quadcopter will not land itself, you still need to control the height of the unit when using the one key reverse flying mode.

WIFI OPERATION

App & WiFi Connection:

1. Scan the QR code on the packaging, or go to App Store / Play Store to search and download the App "Aerodrone Wi-Fi".
2. Turn on WiFi on your smart device (iphone, iPod, Android smartphone, Tablet etc). Select "Aerodrone Wi-Fi" from the list of available WiFi networks, and connect.
3. Once you've connected to "Aerodrone Wi-Fi" WiFi network, then, click the App icon "Aerodrone Wi-Fi".

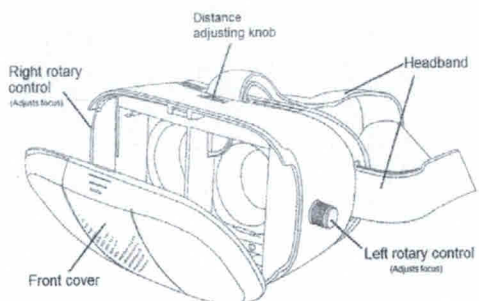


Live Streaming with the included Phone Mount:

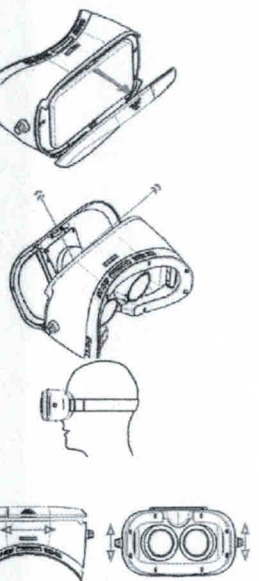
1. Mount your smart phone on the remote control using the included Phone Mount.
2. Ensure that your Smart Phone is connected to the above WiFi network.
3. Click on the "Aerodrone Wi-Fi" App.
4. Click the 'START' button on your smart phone screen.
5. Once you click "START", you enter the Live Streaming mode.
6. Fly the quadcopter using the Remote Control, while the quadcopter streams live visuals directly onto your smart phone.


Note: Live streaming does not record the visuals.

Important: If Live Streaming stops working, please check to ensure that your Smart Phone is connected to "Aerodrone Wi-Fi" WiFi network.



Live Streaming with the included VR Headset




1. Ensure that your Smart Phone is connected to the above WiFi network.
2. Click on the "Aerodrone Wi-Fi" App.
3. Click the 'START' button on your smart phone screen
4. Click "3D" icon , double (left-right) screen interface will be shown for 3D Live Streaming mode.
5. Open front cover of the VR Headset – pull the magnetic lock (located at the top of Headset) outwards, to open the front cover.
6. Insert your smartphone per the picture below, and correctly adjust the central line of the phone.
7. Place the headset on your eyes, and headband around your head. Adjust the headband tightness to the most comfortable fit. Spectacles are not needed for high myopia ranging from 0 to 600 degrees.
8. If picture appears blur, turn the Left / Right rotary controls to adjust the picture.
9. Fly the quadcopter using the Remote Control, while the quadcopter streams 3D live visuals directly onto your smart phone.

Note: Live streaming **DOES NOT** record the visuals.

Important: If Live Streaming stops working, please check to ensure that your Smart Phone is connected to "Aerodrone Wi-Fi" WiFi network.

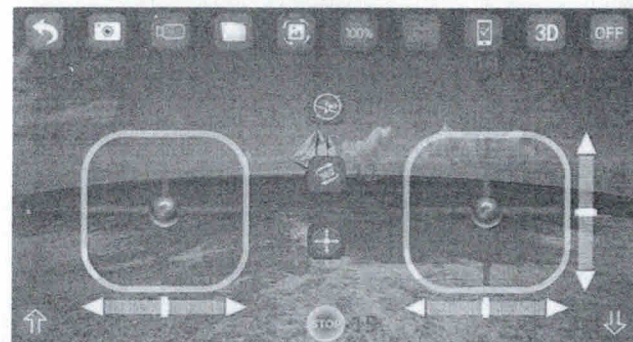
Video Recording & Clicking Pictures:

- a. Ensure that your Smart Phone is connected to "Aerodrone Wi-Fi" WiFi network.
- b. Click on the "Aerodrone Wi-Fi" App.
- c. Click the 'START' button on your smart phone screen.
- d. Click "ON" button on your smart phone screen, and then click "Altitude hold" icon . This will open below Control Interface on your phone screen. This Control Interface depicts a Remote Control right on your smart phone screen.

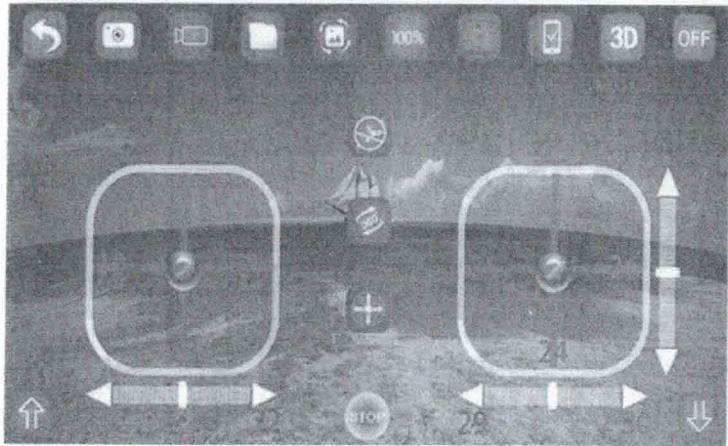
Control interface



1	Return	2	Photo
3	Record Video	4	Browser file
5	Flip	6	3D display
7	Open the control UI		



8	Speed	9	Altitude hold
10	Adjust sensor	11	G-sensor on/off
12	Roll	13	Headless mode
14	One key take off	15	Emergency landing
16	One key landing		



17/18	Throttle Up/Down	19/20	Left/Right rotate
21/22	Left/Right rotation trimming	23/24	Move forward/backward
25/26	Left/Right side flight	27/28	Front/back trimming
29/30	Left/Right side flight trimming		

- When above Control Interface displays on your phone screen, quadcopter can only be controlled through your smart phone, and no longer through the Remote Controller.
- You may click on the icons listed above in order to perform various tasks like clicking pictures, recording videos, viewing recorded media, initiate Headless Mode and more.

Troubleshooting guide

Problem	Possible Cause	Solution
The controller indicator doesn't work	Batteries installed with incorrect polarity.	Check and make sure that the batteries are installed as per correct polarity.
	Batteries are drained.	Install new batteries.
Limited control	Windy Environment	Do not fly in windy environment. As it will limit or disturb your flying control.
	The Quadcopter does not receive required transmission.	Push the left throttle stick upward then pull it back in to the original position.
Quadcopter doesn't fly high enough	Rotor speed is too slow.	Push the left throttle upwards
	Quadcopter is not fully charged.	Fully charge your Quadcopter.
Unable to Stream	WIFI connection between your smart phone and the Quadcopter is lost.	Ensure that your smart phone is connect to the "Aerodrone Wi-Fi" WiFi network.

Additional information

- The control distance gets shortened when the Quadcopter is running out of battery.
- Windy environment may reduce the remote controlling capacity.
- Following practices can help enhance Quadcopter's performance:
 - If the Quadcopter doesn't fly high enough, stop flying and recharge the battery.
 - If the Quadcopter has not been used for a long period of time, fully charge the batteries before flying the Quadcopter.
 - If the Quadcopter gets damaged or deformed, refrain from flying it until fully repaired.
 - If you don't intend to use the remote control for a long time, remove all batteries, in order to avoid battery leakage from damaging this device
- Hard crashes and/or falls of the Quadcopter can lead to irreparable damage and/or shorten Quadcopter's life.

WARNING

- You are responsible for the using of the Quadcopter with necessary precautions to ensure that it doesn't harm or cause any injury to anyone or damage to any property.
- When you assemble and fly the Quadcopter, you must operate it accordingly to the instruction manual.
- The user is responsible completely for correct operation and use of this product. We and the dealer accept no responsibility or liability for damage and/or loss caused due to inappropriate usage and operation of this item.
- Not recommended for children under 14 years of age.

CARE AND MAINTENANCE

Clean the unit with a soft, damp cloth. Never use chemicals or hard abrasives. Keep this unit away from wet or damp surroundings.

The crossed out wheelee bin symbol on this item indicates that this product needs to be disposed of in an environmentally friendly way when it becomes of no further use or has worn out. Contact your local authorities for details of where to take the item for re-cycling.

FCC INSTRUCTIONS

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

NOTE: This product 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 product 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 the product does cause harmful interference to radio 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 product and receiver.
- Connect the product 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.