



**AERODRONE**

**AGES 14+**

**MQ4C-24/6485  
WIRELESS INDOOR/OUTDOOR  
QUAD-COPTER**



**INSTRUCTION MANUAL**

**PLEASE READ ALL INSTRUCTIONS CAREFULLY  
& RETAIN FOR FUTURE USE**

## Welcome!

Thank you for purchasing Wireless Indoor/Outdoor Quad-copter. Please store this manual in a safe place for future reference.

## GETTING STARTED

- Remove the unit 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

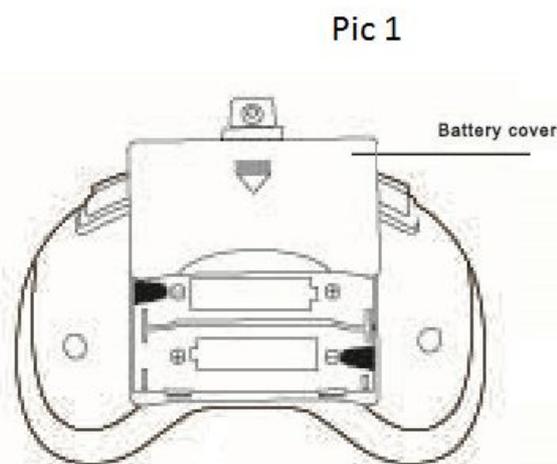
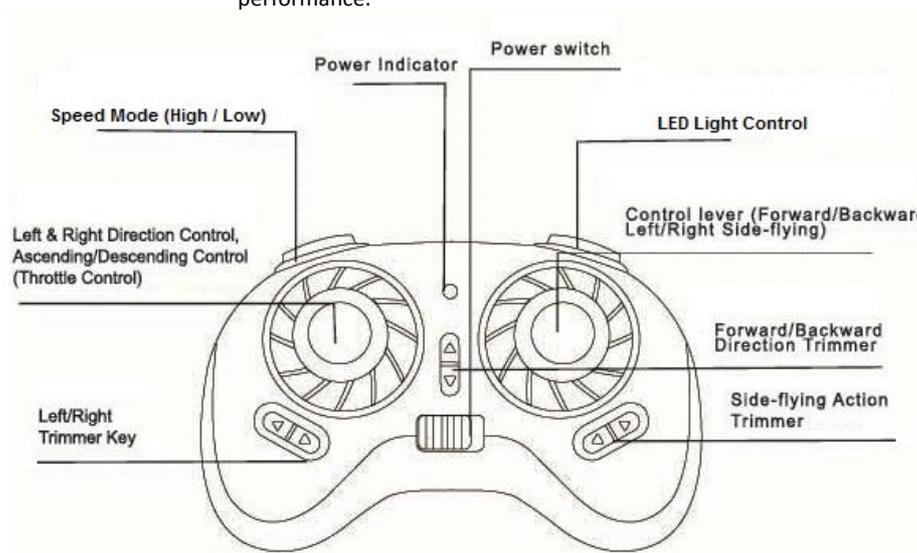
- Wireless Indoor/Outdoor Quad-copter
- Remote Controller
- USB charging cable
- Rechargeable battery
- Mini screwdriver
- Instruction Manual

### 1. Instructions to assemble the Controller

Use the Mini screwdriver to loosen the screw and open the battery cover as the arrow direction indicated (Pic 1). Install 2 x "AA" batteries (not included) inside the battery compartment of the controller.

Notice:

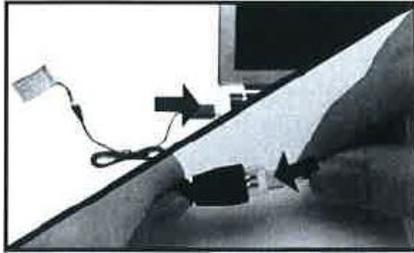
1. Install the battery as per the plus or minus polarity.
  2. Do not mix new and old batteries.
- Note: Prior to flying your Quad-copter for the first time, fully charge the battery to ensure best performance.



Pic 1

## 2. Battery Charging Instructions

1. Connect the USB charging cable (included) to the computer USB port and connect the other end to the battery connector (Pic 2).
2. The Red LED light will turn OFF while charging. After the battery is fully charged, the Red LED light will turn ON. Charging time is around 40 minutes.



Pic 2

### Caution:

- |  |  |
|--|--|
| 1. Allow 10-15 minutes for the battery to cool down before recharging. | 3. If the battery becomes too hot while charging then remove it from charging immediately and allow it to cool down. |
| 2. Do not overcharge the battery.                                      | 4. Do not reconstruct battery.   |
|  | 5. Do not connect the battery to an electrical outlet.   |

## 3. Suitable Flying Conditions

- |  |  |
|--|--|
| 1. Places with no/limited obstacles are recommended.   | 3. Do not fly in rain/damp conditions. |
| 2. Do not fly your Quad-copter in strong winds, as it may affect the remote-control system and interfere with your control leading to a crash or damage to the unit. | 4. Flies best, indoors.                |

**Caution: Never allow young children to use this product alone. Parental guidance is highly recommended during the use of this device. DO NOT operate your Quad-copter 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 Quad-copter.**

### Prepare for take off

1. Install the fully recharged battery into the bottom bracket of Quad-copter, and connect the battery connector to the socket in the Quad-copter. Blue and Red LED lights will flash on successful connection.
2. Place the Quad-copter on a flat surface.
3. Recheck the area to make sure it is clear from people, pets, trees, buildings, high voltage wires and other obstructions.
4. Push the throttle stick upward to take off. If the Quad-copter flies uncontrollably in a certain direction, push the respective trimming button to even out its flight. Please refer to "5. Additional Information".

**Caution: Always turn OFF the controller before you unplug the battery from the Quad-copter. Do not apply full power on the throttle while taking off as it may lead to a quick descend which may cause injury.**

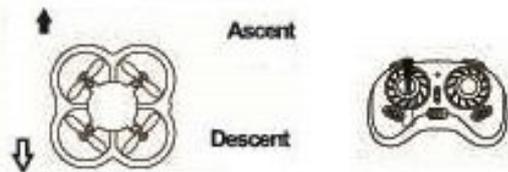
## 4. Control Information

**Warning:** Do not fly in strong wind, as it may overpower your Quad-copter and cause loss of control.

**Flying time:** On a full charge, and in low wind conditions, the Quad-copter will fly for 4 - 5 minutes.

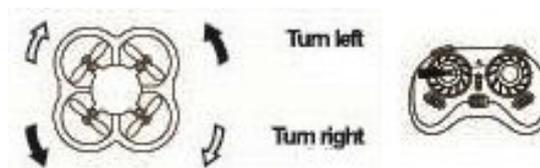
### Ascend or descend

When you push the left stick (throttle stick) up or down, the Quad-copter begins to ascend or descend.



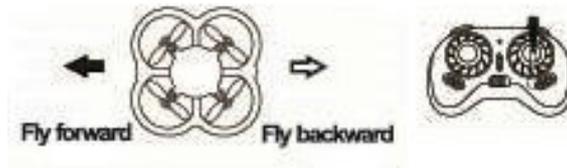
### Turning left or right

When the left stick (rudder stick) is moved left or right, the Quad-copter turns left or right.



**Fly forward or backward**

When the right stick (rudder stick) is moved up or down, the Quad-copter flies forward or backward.



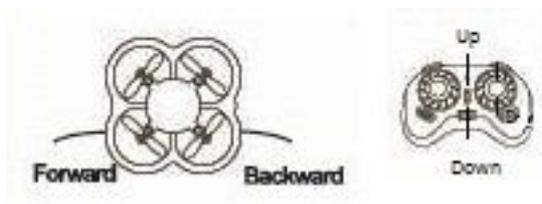
**Fly left or right**

When the right stick (rudder stick) is moved left or right, the Quad-copter flies left or right.



**5. Additional Information**

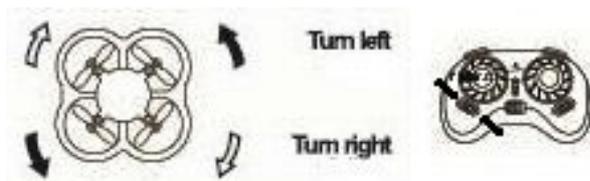
When the Quad-copter flies uncontrollably forward or backward, press the Forward Backward Trimming Button.



When the Quad-copter flies uncontrollably towards left or right, press the Side Flying Action Trimmer button.



When the Quad-copter spins left or right continuously, press the Left / Right Trimmer key.



**6. Troubleshooting Guide**

Problem	Possible Cause	Solution
Remote doesn't work	Batteries installed with incorrect polarity	Check and make sure that the batteries are installed as per the right polarity.
	Batteries are drained.	Install new batteries.
Quadcopter flies out of control	Windy environment.	Do not fly in windy environment. As it will limit or disturb your flying control.
	The helicopter does not receive commands appropriately.	Push the left throttle stick upward, and then pull it back in to the original position.
Quadcopter doesn't fly high enough	Rotor speed is too slow.	Push the left stick (throttle stick) upward.
	Quad-copter is not fully charged.	Fully Charge your Quad-copter.

If you need additional support, please contact Midwest Trading Group Customer Service at [info@mtradinggroup.com](mailto:info@mtradinggroup.com) or by calling 1 (866) 815 4714.

## 7. Additional Information

1. The control distance will get shortened when the Quad-copter is under low power condition.
2. Windy environment may reduce the remote controlling capacity.
3. Following practices can help enhance Quad-copter's performance:
  - a. If the Quad-copter doesn't fly high enough, stop flying and unplug the battery.
  - b. If the Quad-copter has not been used for a long period of time, fully charge the batteries before flying the Quad-copter.
  - c. If the Quad-copter gets damaged or deformed, refrain from using it until fully repaired.
  - d. 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.
4. Hard crashes and/or falls of the Quad-copter can lead to irreparable damage and/or shorten Quad-copter's life.

## 8. Warning

1. You are responsible for the using of the Quad-copter with necessary precautions, to ensure that it doesn't harm or cause any injury to anybody or damage to any property.
2. When you assemble and fly the Quad-copter, you must operate it according to the instruction manual.
3. The user is responsible completely for correct operation and use of product. We and the dealer accept no responsibility or liability for damage and/or loss caused due to inappropriate usage and operation of this device.
4. 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.
- Do not dispose of batteries in a fire. They may explode.  
Do not dispose of battery packs in a fire, throw them in a trash receptacle. They need to be disposed of in an environmentally friendly way when it becomes of no further use. Contact your local authorities for details of where to take them 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 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 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.

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, bulbs etc. This warranty is effective only if the product is purchased and operated in USA and Canada, 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](mailto: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.