



# FLOCOPTER UAV

## GESTURE CONTROL DRONE



Thank you for purchasing this Merlin Product. Please read the instruction manual carefully before using the product.

The documentation provided will allow you to fully enjoy all the features this unit has to offer.

Please save this manual for future reference.

### Precautions:

This device is a sophisticated product and should be handled and operated with care. Please be aware of the laws in your country regarding owning and operating UAV's. This device is suitable for people older than 14 years. Please note that some experience may be required to effectively operated this device.

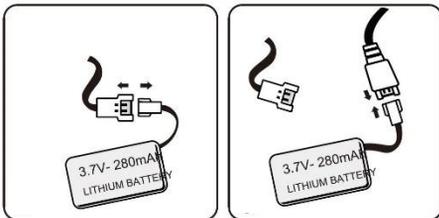
### Instructions:

The Merlin FloCopter in a copter that is controlled by using hand gestures. It can be enjoyed in

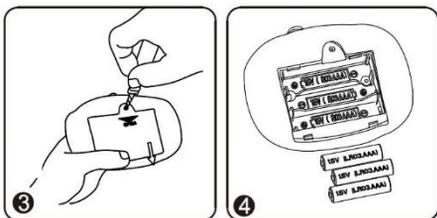
### Charging Battery:

Before using the copter please check the battery for sufficient charge.

- Remove the battery from the copter and connect it to the provided charger as per the diagram below.
- Connect the charging cable to a USB port for charging. A laptop or standard 5V/1A USB charger can be used. The red led will be on while charging and turn off when charging is complete.
- The battery takes about 40 – 60 minutes to fully charge.
- After the charge is complete please place the battery in the copter and connect the cable.

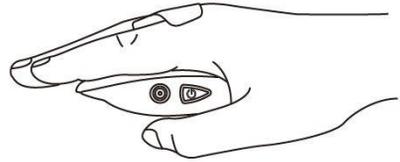


The remote control requires 3 x AAA batteries. Remove the read panel and install the batteries before operation the copter.

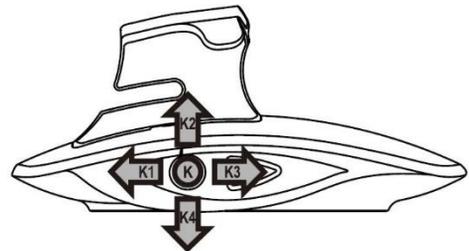


### Preparing for flight:

- Ensure that all batteries are charged and connected.
- Put the copter on the ground or a flat surface.
- Make sure the copter's headlight led is facing you.
- Take the controller, slide your fingers into it and hold with your thumb.



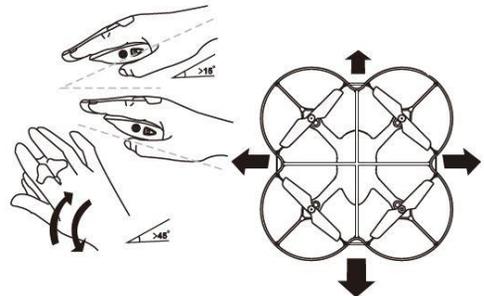
- Press the power button on the side to power on the controller.
- The LED on the controller will flash quickly and become steady once its paired. If pairing fails short press the button again to redo the pairing.



- K – Auto Take off / Landing
- K1 – Speed Adjustment
- K2 – Tricks
- K3 – Turning
- K4 – Height Adjustment

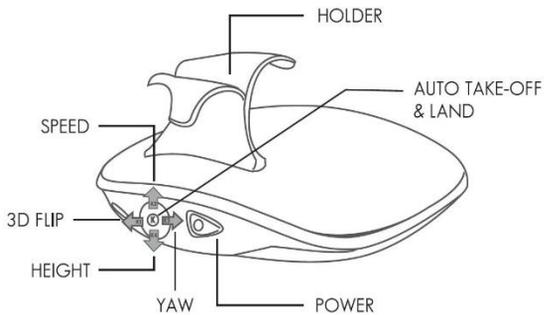
### Operation and Controls:

- Hold the remote horizontal and press the "K" button to take off automatically. It will start hovering at a certain height.
- To control the direction of the copter lean your hand forward/backward/left and right at a slow pace. The angle of your hand should be more than 15 degrees for the copter to move.

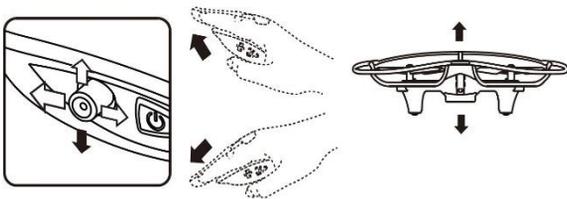




- To make the copter go left or right press the “K3” button and move your hand left and right.



- To change the speed of the copter the “K1” key can be used. Press once for medium speed. Press twice for high speed and three times for low speed. Please keep the speed low if you are a beginner.
- To make the copter fly higher or lower press the “K4” button and move your hand up or down slowly to change the height. When you reached the desired height release the “K4” button.



- The copter can be landed by pressing the “K” button during flight. Once pressed the copter will stop flying and start to land slowly.
- **Emergency stop:** In case of emergency press the “on/off” for the copter to do an emergency stop.

#### Tricks:

- Before doing a trick make sure the copter is at a height of 2m and fully charged.
- Press “K2” the controller left/right/forward or backward at an angle bigger than 75 degrees. To control the copter use the normal left/right/forward/backward at 15 degrees.

#### FAQ

##### Q) How long can I fly the copter?

A) On full charge the flying time is about 5min.

##### Q) What is the charging time?

A) The battery takes 40-60 minutes to charge.

##### Q) How far can I fly the copter?

A) The range of the copter is 50 meters. Don't fly it further than that from the controller as it might get lost.

##### Q) After a crash the copter flies erratic.

A) Inspect the copter for any physical damage remembering to check the propellers. Please also restart the copter for the sensors to re-calibrate.

#### Maintenance:

1. Retain these instructions for future use.
2. Clean the product with a damp cloth and mild soap.
3. Do not expose this product to rain or moisture.
4. Be careful not to turn or twist the cables used in this product too much as it can lead to malfunction and failure.
5. This product is not designed to be submerged in water and will malfunction if this occurs.
6. This product has no user serviceable items inside. Do not open this product as the user risk injury and would void the warranty.
7. Keep unit away from strong magnetic fields to avoid interference with the product.



## LIMITED WARRANTY

Merlin Products are covered by a limited one-year warranty policy. If the product suffers from a manufacturing defect, the customer will receive a replacement if claimed within 15 days of the purchase date. Otherwise, the product will be inspected for possible repair options. The product will either be repaired and returned free of charge, or replaced. All repair services past the one-year warranty period will be charged for any repairs that need to be made.

If the client is located outside the UAE, or is otherwise unable to personally deliver the defective product to our service center or retail outlets, he/she may send it via post at his/her own cost. The repaired/replaced product will then be returned to the client via courier mail at Merlin's cost, as long as the warranty period is still active.

Important: This limited warranty DOES NOT COVER normal wear and tear, accidents, damage during transit, misuse, abuse or neglect. Attempting to disassemble the unit will render the warranty null and void.

## REGISTER NOW

We hope you enjoy the quality of Merlin Digital product.

Please take out a few minutes to register your product at [merlin-digital.com/register](http://merlin-digital.com/register) to avail:

- Special discounts and promotions on other Merlin products
- Exclusive information on new products and innovations
- Reminders about product firmware downloads, updates and upgrades
- Competitions and exciting giveaways

To learn more about Merlin products visit our site at: [www-merlin-digital.com](http://www-merlin-digital.com) or like our Facebook page on [facebook.com/merlin.digital.gadgets](https://facebook.com/merlin.digital.gadgets)  
For enquiries and information call our toll free number **800-MERLIN** (Sat-Thu, 9 am - 6 pm)

Contact our support staff for troubleshooting and any other enquiries relating to your Merlin product by sending an email at [support@merlin-digital.com](mailto:support@merlin-digital.com) and your issue will be resolved within 48 hours.

**REGISTER**  
for exclusive  
product releases  
and future  
prize drawings!



For a complete list of our worldwide locations, visit <http://merlin-digital.com/contacts>