



**Congratulations on purchasing the Microfly, one of the world's tiniest hovering toys. Before experiencing the flying excitement, please read this manual to learn how to operate it properly and safely.**

## 1. Product Safety

### A. General

- The Microfly is only for children over 10 years old.
- Do not fly without any adult supervision.
- Always keep clear from the propeller.
- Always fly away from people, pets and any obstacles.
- Do not fly outdoors.
- Do not attempt to lift objects with the Microfly.
- Do not expose the Microfly to rain, moisture or dust.
- Always turn off the aircraft and handset if not in use.
- This manual contains important information and must be retained.
- Do not fly the Microfly if damage occurs to the propeller, foam body or other parts.

### B. Battery Safety

#### On Microfly

(Lithium Polymer batteries are used, please read the safety instructions carefully)

- Charge only with the charger supplied with the product.
- Adult supervision is required when charging rechargeable batteries.
- Do not leave unattended during charging.
- Do not attempt to disassemble the batteries.
- Do not let the batteries get wet or dispose of in fire.
- Do not short circuit.

#### On Handset/ Charger

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or batteries of different types.
- Use alkaline batteries only. **DON NOT USED RECHARGABLE BATTERIES.**
- Non-rechargeable batteries are not to be recharged.
- Insert batteries according to the correct polarity, (+) and (-).
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.

### C. Important Information about Infrared Remote Control.

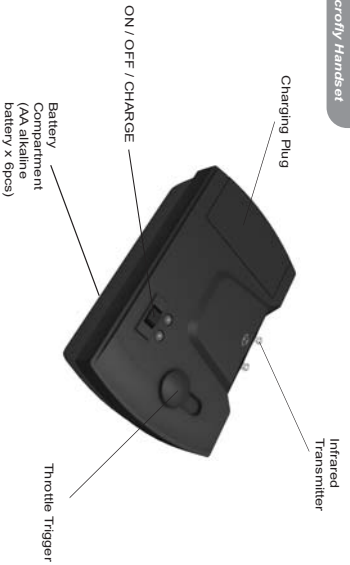
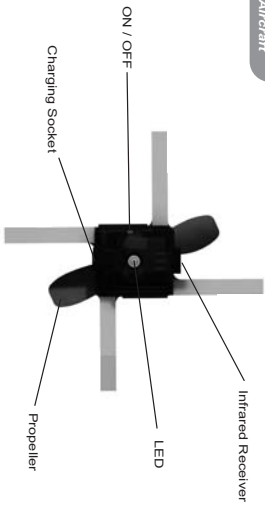
The Microfly uses Infrared remote control. Performance can be affected by interference like,

- TV Remote Control
- Infrared used toys, i.e. Infrared RC cars
- Electric Lighting, fluorescent lights, and direct sunlight

Interference can cause sudden unexpected aircraft movements, and a reduction in remote control range. When the aircraft goes out of control range, it will descend.

*Lithium batteries must not be stored for long periods in the fully discharged state, otherwise they will be permanently damaged. If you will not be using the aircraft for more than a few days, recharge the battery before packing away.*

## 2. Packing Checklist & Product Descriptions



DESIGNED BY  
ALIEM TECHNOLOGY LTD.  
RM,501A, ENERGY PLAZA,  
92 GRANVILLE RD,  
TST, EAST, HONG KONG

### CAUTION: ELECTRICALLY OPERATED PRODUCT

NOT RECOMMENDED FOR CHILDREN UNDER 10 YEARS OF AGE.  
AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK.  
TRANSMITTER IS NOT A TOY.  
THIS TOY CONTAINS FAST MOVING PARTS.

PRODUCT MUST BE PERIODICALLY EXAMINED FOR CONDITIONS THAT MAY RESULT IN THE RISK OF FIRE. ELECTRIC SHOCK OR INJURY TO PERSONS IN ANY EVENT OF SUCH CONDITIONS. THE PRODUCT SHOULD NOT BE USED UNTIL PROBABLY REPAIRED.

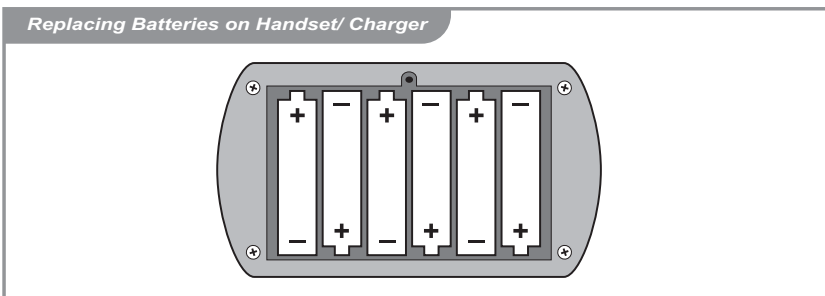
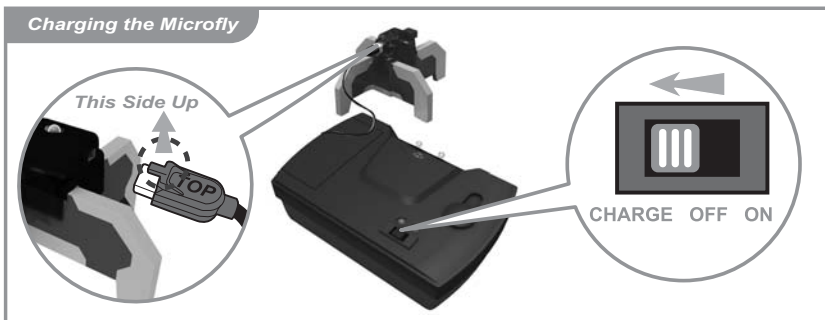
### 3. Preparing for the Flight

#### A. Unpack and Assembly

- Remove all the parts carefully from the packing.
- The Microfly is pre-assembled and tested before it is packed. No assembly is required.
- Carefully check the parts on the aircraft are intact and nothing is damaged during transit.

#### B. Charging the Aircraft

- Make sure the Microfly aircraft is switched off.
- Carefully connect the small plug on the Handset/Charger to the socket on the aircraft.
- Switch the Handset/Charger to the charging mode.
- The indicator light on the Handset/Charger will illuminate while charging in progress.
- The indicator light turns off once it is completed. The charging usually takes roughly 25 minutes.
- Carefully disconnect the Handset/Charger from the aircraft. The Microfly is now charged and ready to fly.
- The Handset/Charger requires 6 x AA alkaline battery. Unscrew the battery cover to insert the batteries. Make sure the battery door is tightened up after installing the batteries.
- One set of new battery should be able to charge the aircraft around 10 - 12 times. If the charging takes more than 35 minutes, it is time for you to replace the batteries of the Handset/Charger.



### 4. Flight

The Microfly takes off vertically, like a helicopter. Once airborne, its stabilization system keeps it hovering horizontally, making it very easy to fly. To take off, follow these steps:

- Switch on the aircraft, keeping fingers away from the propeller while doing so. If the motor starts, switch off the aircraft and check for possible sources of interference before trying again.
- Place it on a level surface, in a room free from drafts. You should allow at least 2 x 2m of open space to fly in. Do not try to take off from a thick carpet or rug, since these can jam the propeller.
- Switch on the handset/ charger. The power indicator light should illuminate. Stand about 1 m from the Microfly and point the handset towards it.
- Push up the throttle trigger gradually to rev-up the propeller. When the Microfly seems about to fly, give a burst of power for a decisive lift-off.
- Once in the air, the pilot must adjust the throttle trigger to control the aircraft's height. This will take a little practice to master.
- When it's time to land, try to choose an open area. Always switch off the aircraft and handset after use.
- Please note that the power safety cut-off will sometimes trip when the Microfly crashes, preventing operation. If this happens, reset by switching the aircraft power switch OFF and then ON.

### 5. Troubleshooting Guide

<b>Aircraft will not run</b>	<ul style="list-style-type: none"> <li>• Replace batteries in controller</li> <li>• Charge aircraft</li> <li>• Switch on aircraft, then controller</li> </ul>
<b>Aircraft falls</b>	<ul style="list-style-type: none"> <li>• Point controller directly at aircraft</li> <li>• Move closer to aircraft</li> <li>• Replace controller batteries</li> </ul>
<b>Aircraft makes unexpected moves</b>	<ul style="list-style-type: none"> <li>• Fly in area with less interference, stay away from fluorescent lights and direct sunlight</li> </ul>



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TST. EAST, HONG KONG

Made In China