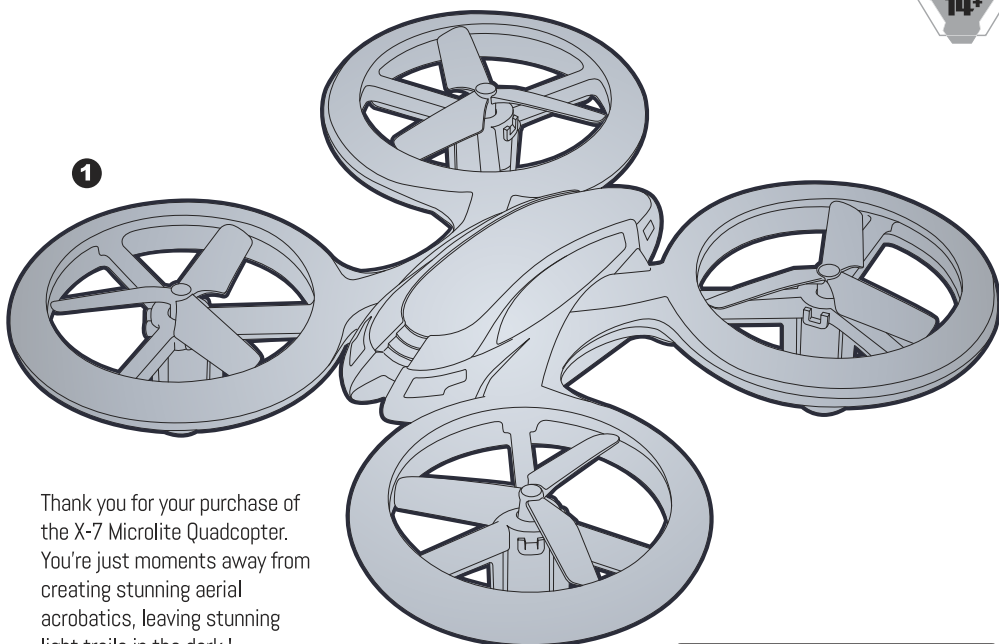


# X-7 MICROLITE

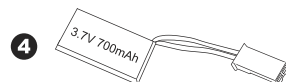
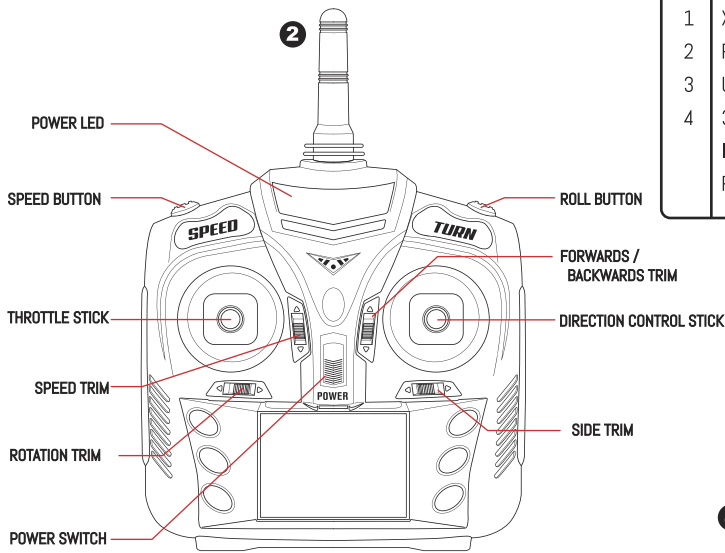
## RC QUADCOPTER DRONE

AGES  
14+



Thank you for your purchase of the X-7 Microlite Quadcopter. You're just moments away from creating stunning aerial acrobatics, leaving stunning light trails in the dark!

INCLUDED CONTENTS	
1	X-7 Microlite Unit
2	Radio Control Transmitter
3	USB Charging Cable
4	3.7 Rechargeable Lithium Battery
	Instruction Manual
	Replacement Parts (not shown)



## STEP 1

Install batteries into the radio control transmitter.

## STEP 2

Set the X-7 Microlite unit to charge.

## STEP 3

Turn on the unit then the radio control and pair them together. Do this by pushing up the throttle stick quickly up once, then back down again. You will know it is paired as the unit will stop blinking and the lights will stay steady on.

## CAUTION

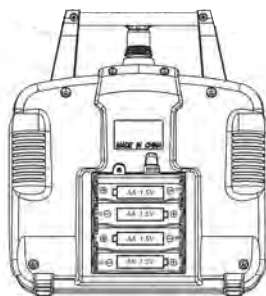
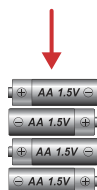
If the Radio Control Transmitter will not be used or stored for extended periods of time, please remove the batteries.

## WARNING

Please check the AA batteries routinely. If the AA batteries are left within the Radio Control Transmitter, potential leakage and/or corrosion may occur which can damage the transmitter and create a fire hazard.

## NOTICE

Please use 4 AA batteries. Use the polarity markings to install in the correct orientation. Do not mix different batteries or battery types.



Unscrew the screw holding the battery lid to the body. Then lightly pull the clip down to pull the lid away from the transmitter body.

Insert 4xAA batteries into the battery compartment, making sure to match the polarities. Then replace the lid and firmly tighten the screw to secure the battery compartment.

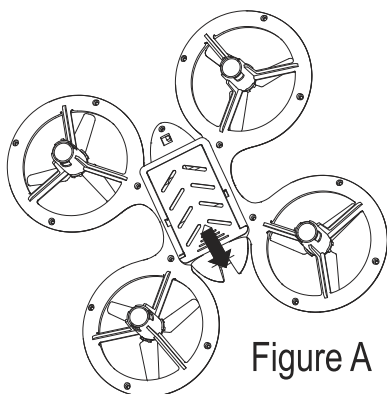


Figure A

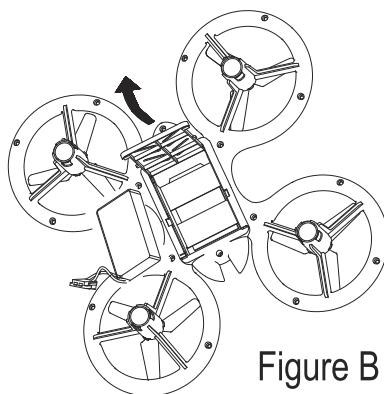
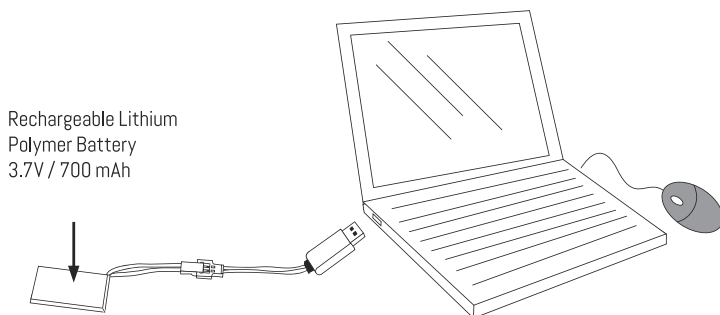


Figure B

1. Locate the battery compartment underneath the unit as shown in Figure A. Slide open the battery door and then carefully disconnect the power cable underneath the X-7 Microlite as shown in the photo (Figure B). Do not pull the battery by the wires as the wires may break off of the battery housing.

CAUTION: Battery may be hot if being disconnected right after use. If hot, then wait a few minutes to let the battery cool down.

Connect the battery's power cable to the end of the USB charging cable. Then connect the USB end of the charging cable to a USB port like on a computer. Please note: Not all USB ports provide power. Typically, only ports mounted on a computer and not through a peripheral will provide enough power for charging. After charging the battery, charge the monitor in the same manner using the USB cable for the monitor.



## NOTICE

When charging with the included USB cable the LED light will light up red, indicating it is charging. Once charging is complete, the LED light will turn off. The charging time for the battery is approximately 1.5 hours.

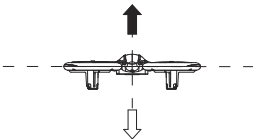
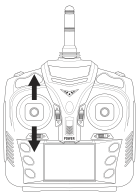
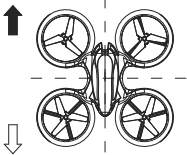
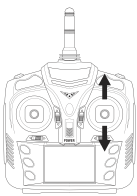
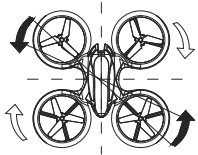
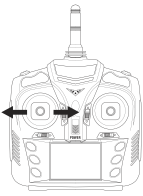
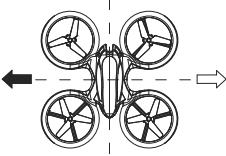
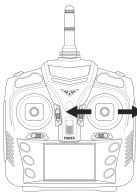
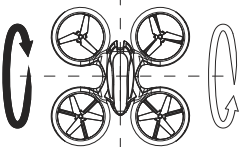
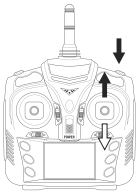
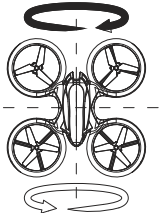
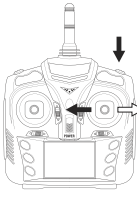
## WE RECOMMEND!

The X-7 Microlite battery comes partially charged and is ready to fly. Skip to Remote Control Battery Installation section and use your Microlite now. Use this charge completely before charging the X-7 Microlite battery for the first time.

## CARE & MAINTENANCE

- Do not submerge the unit in any liquids.
- Keep the unit dry.
- Disconnect the unit and monitor from USB power sources when not in use.
- Do not place the unit near powerful, un-shielded magnets.
- Do not expose the unit to extreme hot or cold temperatures.
- Do not hit, drop, or smash the unit with extreme force.
- Do not disassemble the unit for any reason.

NOT FOLLOWING THESE PRECAUTIONS WILL VOID YOUR WARRANTY.

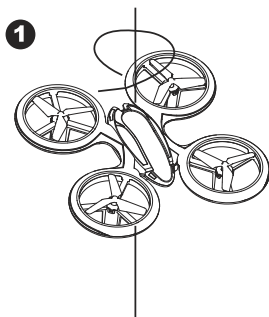
<p><b>ASCENDING DESCENDING</b></p>	<p>Ease the throttle (left stick) upwards in order to make the X-7 Microlite go higher in altitude. Lower to go down in altitude.</p> 	
<p><b>FLYING, DIRECTIONS, &amp; TURNING</b></p>	<p>Use the right stick, (Directional Stick) to make the unit go forward and backward.</p> 	
	<p>Pressing Right or Left on the Throttle stick will make the unit rotate in that direction according to the cockpit.</p> 	
	<p>Pushing the right stick, (Directional Stick) left and right will make the unit strafe in each direction accordingly.</p> 	
<p><b>ROLLING</b></p>	<p>Click the "Roll" button and the remote will make a "TICK" sound. Push the Direction Stick forward and the Quad rolls forward. Press it back and the Quad rolls backward.</p> 	
	<p>Click the "Roll" button and the remote will make a "TICK" sound. Push the Direction Stick to the left and the Quad rolls to the left. Push the Direction Stick to the right and the Quad rolls to the right.</p> 	



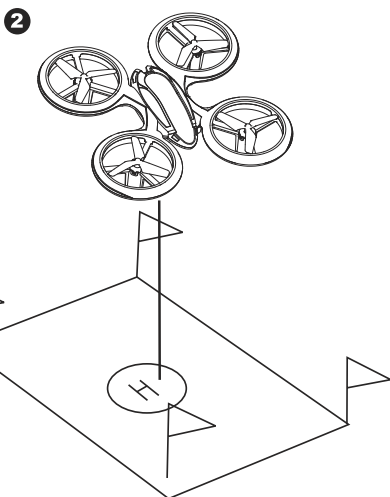
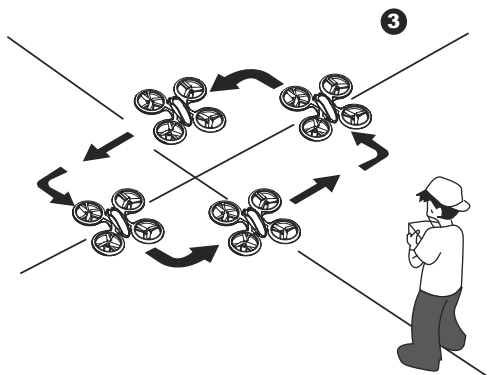
## GOING TO FLIGHT SCHOOL • FLIGHT EXERCISES

Try some of the following flight exercises to practice flying your X-7 Microlite under controlled conditions before attempting to fly outside or with faster speeds.

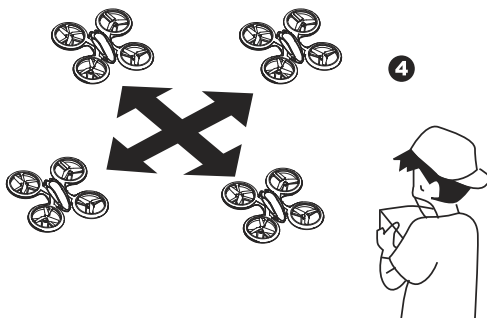
1. Try to do simple rotation maneuvers in a small area.



3. Try to fly the X-7 Microlite within a box while staying straight.



2. Try to land the X-7 Microlite in a specific landing zone.



4. Try to fly the unit straight forwards, backwards and from side to side without deviating from a straight line.

PROBLEM	POSSIBLE SOLUTIONS
No power with the transmitter	Check to make sure the power switch is in the ON position. If set to OFF, move to the ON position.
	Check to make sure the batteries are installed correctly. Check to make sure they match the polarity markings.
	If the batteries are installed correctly, they may be exhausted. Replace with new and fresh batteries.
Can not control	<p>If there isn't any accurate control of the vehicle, make sure of the following:</p> <ul style="list-style-type: none"><li>• Make sure the radio control transmitter is set to the ON position</li><li>• Make sure the battery on the vehicle is installed correctly</li><li>• The vehicle may fly erratically if wind conditions are too strong. Fly the vehicle under calm conditions.</li><li>• Make sure the radio control transmitter has paired correctly with the vehicle. If not, power down the vehicle and the radio control and start over.</li></ul>
Ascending failure	<p>If the unit fails to go up in altitude or goes up too slowly, try the following:</p> <p>The rotor speed may be too slow to lift the quadcopter sufficiently. Make sure the throttle is being raised sufficiently. If the unit still does not go up or goes up too slowly, the battery of the quadcopter might be too discharged for safe or satisfactory operation. Charge the battery before continuing to fly the unit.</p>
Landing too soon	Landing the unit takes skill and practice. If the unit comes down too fast, it may damage the landing gear and/or the quadcopter. Try to ease the unit down in altitude by slowly lowering the throttle stick till the unit is on the ground.

TRIM ADJUSTMENT ON THE RADIO CONTROL TRANSMITTER

Correct trim adjustment is required for error and erratic-free flying of the quadcopter. The adjustment is simple to do on the radio control transmitter, but it requires some patience. Please follow the instructions precisely. For best results, move the throttle up and raise the quadcopter approximately 2-3 feet (0.5-1 meter) in altitude.

If the quadcopter moves by itself slowly or quickly to the left or right:

Press the trim control for SIDE MOVEMENT incrementally in the opposite direction of movement

If the quadcopter moves by itself slowly or quickly around its own axis:

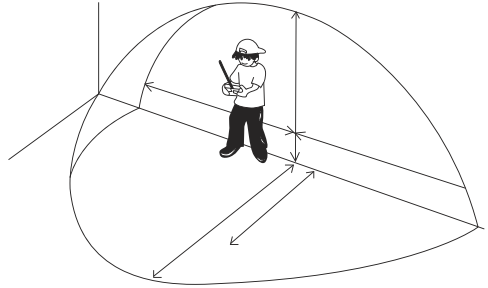
Press the trim control for ROTATION incrementally in the opposite direction of movement

If the quadcopter moves by itself slowly or quickly forwards or backwards:

Press the trim control for FORWARDS AND BACKWARDS flight incrementally in the opposite direction of movement

If flying outdoors, always fly on a sunny, bright day with as little wind as possible. Flying in extreme heat or cold can adversely affect your flying control and response of the vehicle.

After connecting the battery, lay the X-7 Microlite on the ground. Please wait for approximately 5-7 seconds to allow the digital gyro to electronically stabilize. Push the throttle up and then back down to pair the radio control transmitter to the X-7 Microlite. The lights will stop blinking and now you are all set to fly.



#### CAUTIONS & WARNINGS

- Suitable for ages 14 and up. Adult supervision is always recommended.
- This product contains small parts which are a choking hazard. Keep away from small children.
- Keep Quadcopter at least 10 feet away during use.
- Accurately assemble the quadcopter and fly it under the guidelines of this manual. Small parts should be installed by an adult.
- Manufacturers and dealers disclaim all responsibility for damage caused by misuse.
- Keep hands, hair and loose clothing away from rotors when powered on to prevent damage to the vehicle or serious injury to oneself or others around.
- The quadcopter should never be flown in high winds in excess of 5 MPH or near a pool.
- Never leave the device unattended when being charged.

#### TECHNICAL SPECIFICATIONS & PARAMETERS

Charging Time: Approximately 90 minutes

Flying Time: Approximately above 6-9 minutes

Radio Control monitor viewing distance limit: approx. 75-100 meters

#### PREPARING YOUR UNIT BEFORE FLYING

The throttle stick (left stick on the radio control) must be pointing down before the unit and the control are switched on. Move the ON/OFF switch to the ON position and the Power LED on the radio control will begin to blink.

Connect the battery cable to the power connector on the vehicle. The LEDs on the vehicle will now begin to blink. Place the quadcopter on the ground with the tail pointed towards you (the two red propellers are the rear of the vehicle). The quadcopter needs approximately 5 to 7 seconds to initialize and electronically stabilize the gyro. It will also pair with the radio control transmitter at this time. When the LEDs on the vehicle stay green without blinking, the pairing of the radio control and the quadcopter has been established.

#### ! **△ NOTICE**

Be sure to place the quadcopter on a level surface to ensure a proper and neutral alignment of the gyro.



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Please note the units model number and name in your email.

Model no. ODY-7505FPV  
X-7 Microlite Quadcopter

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