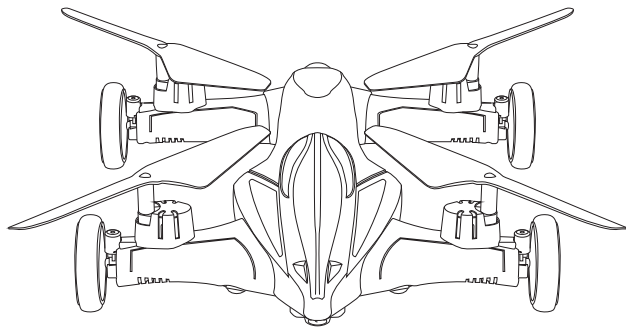


V1 FLY-CAR

6-AXIS GYRO REMOTE CONTROL SERIES

4 CHANNEL STUNT FLYING CAR



OPERATING MANUAL

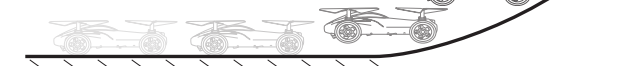
MAIN CHARACTERISTICS

- Four-axis structure is applied, which makes the Fly-Car easier to fly and drive.
 - The aerodynamic design makes flying indoors and outdoor capable.
 - Car and Aircraft integrated to allow Driving and Flying independently.
 - Built-in 6 axis gyroscope allows for precise hovering in the sky.
 - Modular design allows for simple assembly and maintenance.
 - 360° and 3D eversion function and Throw launch capability.
- The material, specifications and component packing inside is important information that should be saved for future reference.

- 1 -

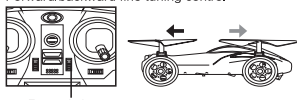
5. LAND AND AIR OPERATION MODE CONVERSION

Put the FLYCAR on the ground. Start driving forward or backwards, while at the same time gently pushing the left stick (throttle) upwards. The FLYCAR will start to ascend.



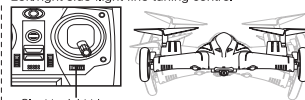
6. FINE-TUNING OPERATION

Forward/backward fine tuning control



When the FLYCAR is in flight and moves forward or backward push the trim button in the opposite direction to counteract the direction it is moving to center the aircraft.

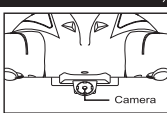
Left/right side flight fine tuning control



When the FLYCAR is in flight and slides left or right push the trim button in the opposite direction to counteract the direction it is moving to center the aircraft.

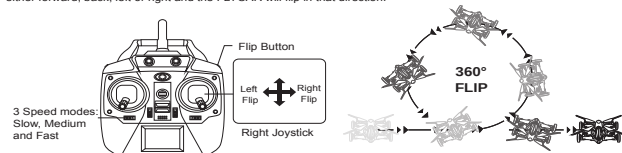
7. THE WAY FOR CAMERA SHOTS (ONLY FPV AERIAL VERSION & WIFI VERSION)

1. Turn on the power of the quad copter, the blue light of the camera is always on and red light is out. It show that the camera is in normal working state. When the blue light is always on and the red light is flashed, it meant that the SD card does not access.
2. Photograph: When the camera is in normal working state, press the photograph key, "Di" is heard and the red light of the camera is flashed, it meant the photograph is completed.
3. Video: When the camera is in normal operating state, press the video key, "Di" is heard and the red light is always on, it is videotaping. When you press the key again, "Di" is heard and the red light is out, it is finished.



8. 3D FLIP OPERATION

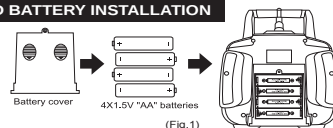
When the FLYCAR is flying, press the flip button and you will hear a beep sound. Push the right joystick either forward, back, left or right and the FLYCAR will flip in that direction.



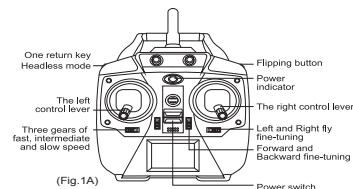
- 4 -

1. TRANSMITTER FUNCTIONS AND BATTERY INSTALLATION

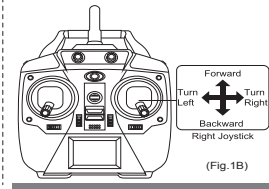
1. Functions of the transmitter (Fig.1A)
2. Install 4 "AA" batteries (Not Included) as shown. (Fig.1)
3. DO NOT Mix old and new batteries or different types of batteries.



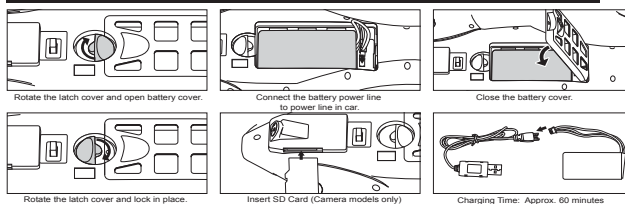
Operating instructions of flight mode



Operating instructions of land mode



2. BATTERY INSTALLATION AND CHARGING INSTRUCTIONS.



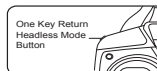
3. PREPARE FOR TAKE OFF

1. Insert the battery plug into the battery jack of the FLYCAR. Turn ON power switch. Place the FLYCAR on flat ground, and the LED lights on the FLYCAR should be flashing.
2. Turn on the transmitter, you will hear a beep sound and LED lights on the car will flash rapidly, meaning you are now in pairing mode.
3. Raise the left control stick all the way up and then all the way down and the LED lights on the car should now be steady.
4. You are ready to fly or drive.
5. Each time you restart the car or the transmitter you will have to repeat this process.

- 2 -

9. ONE KEY RETURN & HEADLESS MODE

After the FLYCAR is in flight, check the range. When you're satisfied that you are at the furthest point, press the Headless mode button. The FLYCAR will enter one-key reversal mode and return on a straight course to where it started. To exit headless mode press the button.



10. Safety Precautions

WARNINGS:

- (1) This is not a toy. It is a precision instrument integrating mechanics, electronics, aeromechanics, high frequency transmitter, etc. It should be assembled and operated to avoid accidents. It should always be operated safely to avoid bodily injury and/or property damage.
- (2) The FLYCAR is not recommended for children under 14 years of age.
- (3) We do not assume responsibility for misuse or incorrect assembly.
- (4) Always operate in approved areas, and ensure it is clear of people, obstructions and pets.
- (5) DO NOT Fly near high tension wires, water or buildings.
- (6) DO NOT fly in wet or windy weather.
- (7) While training, make sure to get the help of an experienced pilot.
- (8) DO NOT make contact with spinning props.
- (9) DO NOT expose to extreme heat, and DO NOT leave in sun for extended periods of time.

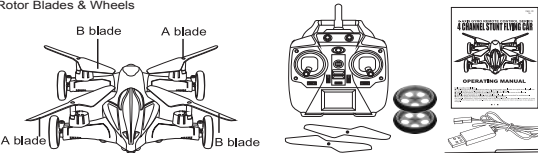
PREFLIGHT WARNINGS:

- (1) Make sure your flying site is open and free of obstructions, high tension wires, people and pets.
- (2) Make sure all battery connections are tight.
- (3) Before turning ON, make sure throttle is in lowest position.
- (4) Follow turn ON and OFF order to avoid FLYCAR going out of control.
- (5) When turning ON, Always turn ON transmitter first and then the FLYCAR.
- (6) When turning OFF, Always turn OFF the FLYCAR and then the transmitter.

Packing instruction

All items below are included in package

- (1) FLYCAR
- (2) Remote Control
- (3) Rotor Blades
- (4) USB Charger
- (5) Manual
- (6) Screwdriver
- (7) Extra Rotor Blades & Wheels



LOW BATTERY INDICATION

When the car's battery is low, the LED lights on the car will all be flashing indicating the car needs charging. If flying land immediately and charge the battery, while battery is low the car cannot drive well.

Level calibration and trim reset

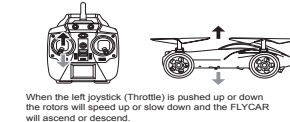
During flight, if the car deviates to one side, adjustments can be made by calibrating or centering the remote control. When pulling the left stick and right stick simultaneously to the lower left corners, the LED's on the car will flash slowly. When calibration is complete, the lights will remain steady. When pulling the left stick and right stick simultaneously to the lower right corners, the LED's on the car will flash rapidly. When calibration is complete, the lights will remain steady.



4. AIR AND GROUND MODE OPERATING

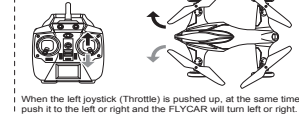
FLIGHT MODE

Up/Down control



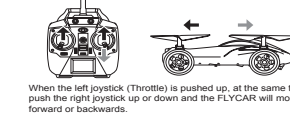
When the left joystick (Throttle) is pushed up or down the rotors will speed up or slow down and the FLYCAR will ascend or descend.

Ascent/Descend control



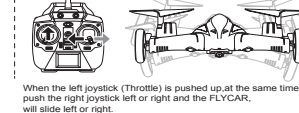
When the left joystick (Throttle) is pushed up, at the same time, push it to the left or right and the FLYCAR will turn left or right.

Forward/Backward control



When the left joystick (Throttle) is pushed up, at the same time, push the right joystick up or down and the FLYCAR will move forward or backward.

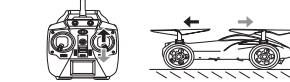
Left or Right side flight control



When the left joystick (Throttle) is pushed up, at the same time, push the right joystick left or right and the FLYCAR will slide left or right.

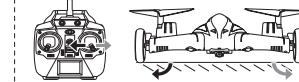
LAND MODE

Forward/backward



When the FLYCAR is on land, push the left joystick (Throttle) to the lowest position, and operate the right joystick up and down and the FLYCAR will drive forward and backward.

Turn left/turn right

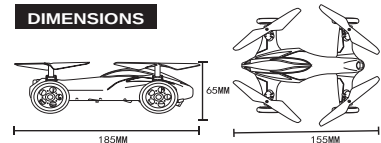


When the FLYCAR is on land, push the left joystick (Throttle) to the lowest position, and operate the right joystick left and right and the FLYCAR will drive left and right.

NOTE: Always make sure that the left stick(throttle) be fully down while in land mode.

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DIMENSIONS



Main motor : Hollow-cup
Battery: 3.7V
Charge time: about 60 minutes
Flying time: 6-7 minutes
Operating range: above 50m

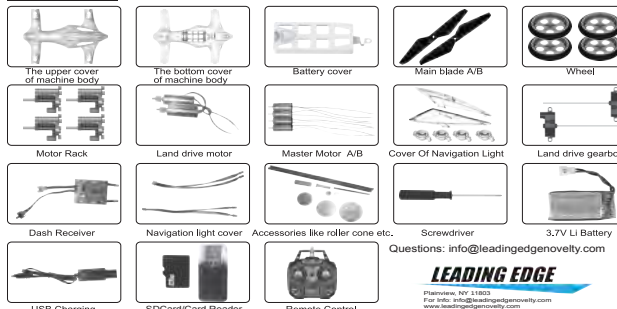
Waterproof functions:

The FLYCAR is not waterproof. Any water on the body, motors, etc. should be wiped off immediately. If water is introduced to the motors or electronics it could seriously damage the unit. If it does get wet for any reason, immediately dry off and wait until completely dry before attempting to turn it ON.

Troubleshooting guide

Problem	Cause	Solution
The vehicle has no reaction	The battery in either the transmitter or the FLYCAR is low. Low voltage protection is engaged.	Recharge the battery
	The vehicle is in gyroscope detection state.	Place the vehicle on flat ground and recheck it.
	The vehicle is not matched with transmitter.	Turn all OFF and retry. Batteries could be low.
FLYCAR is not flying high enough	Rotor speed is too slow	Push up left joystick(throttle)
	FLYCAR is not fully charged	Fully charge the FLYCAR

Accessories



Questions: info@leadingedgeinnovelly.com

LEADING EDGE

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