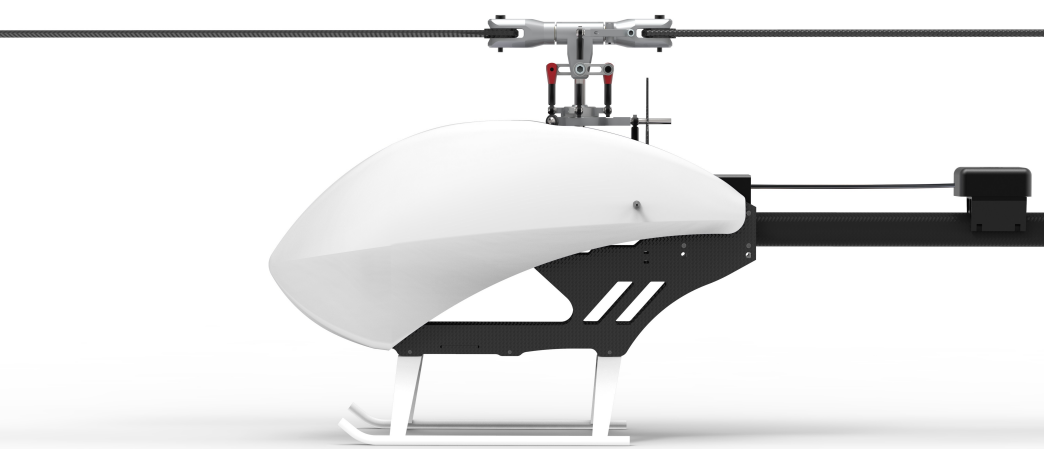
FW450 Helicopter

Smart HeLi

Quick Start Guide

V1.0



FLY WING

INTRODUCTION

Thank you for buying Flywing Products. The FW 450 Helicopter is designed as an easy to use, full featured Helicopter RIC model capable of all forms of rotary flight. Please read the manual carefully before assembling the model, and follow all precautions and recommendations located within the manual. Be sure to retain the manual for future reference, routine maintenance, and tuning. The FW 450 is a new product developed by Flywing. It features the best design avallabk on the RC helicopters market to date, providing flying stability for beginners, full aerobatic capability for advanced fliers, and unsurpassed reliability for customer support.

Please visit http://www.flywingrc.com to get more information.

●IMPORTANT NOTES

RC helicopters, Including the FW450 are not toys. RC helicopter utilize various high-tech products and Technologies to provide superior performance. Improper use of this product can result in serious injury or even death. Please read this manual carefully before using and make sure to be conscious of your own μrsonal safety and the safety of others and your environment when operating all flywing products. Manufacturer and seller assume no liability for the operation or the use of this product. Intended for use only by adults with experience Aylng remote control helicopters at a legal flying field. After the sale of this product we cannot maintain any control over its operation or usage.

● SAFETY NOTES

Fly only in safe areas, away from other people. Do not operate RC aircraft within the vicinity of homes or crowds of people. RC aircraft are prone to accidents, failures, and crashes due to a variety of reasons including, lack o f maintenance, pilot error, and radio interference. Pilots are responsible for their actions and damage or injury o ccurring during the operation or as of a result of RC aircraft models.

· Prior to every flight, carefully check rotorhead spindle shaft screws and tail blade grip , linkage balls and screws, ensure they are firmly secured.

LOCATE AN APPROPRIATE LOCATION *

RC helicopters fly at high speed, thus posing a certain degree of potential danger. Choose a legal flying ieldconsisting of Rat, smooth ground without obstacles. Do not fly near buildings, high voltage cables, or trees to ensure the safety of yourself, others and your model. For the first practice, please choose a legal flying field. Do not fly your model in inclement weather, such as rain, wind, snow or darkness.

NOTE ON LITHIUM POLYMER BATTERIES

Lithium Polymer batteries are significantly more volatile than alkaline or Ni-Cd/Ni-MH batteries used.in RC applications. All manufacturers instructions and warnings must be followed closely. Mishandling of LI-Pd batteries can result in fire. Always follow the manufacturers instructions when disposing of Lithium Polymer batteries.

REVENT MOISTURE

RC models are composed of many precision electrical components. It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in loss of use, or a crash. Do not operate or expose to rain or moisture.

PROPER OPERATIO

Please use the replacement of parts on the manual to ensure the safety of instructors. This product Is for RIC model, so do not use for other purpose.

SAFE OPERATION

Do not attempt to grab or make contact with tho helicopter while the main blades are in motion and keep your eyes away from the helicopter. During take-off, landing, and flight, be sure to keep tho helicopter away from all obstacles. Operators must stand at least 10 meters away from the helicopter to avoid injury caused by loose parts due to improper assembly or any unforeseen dangers. Operate this unit within your ability. Do not fly under tired condition and improper operation may cause in danger. Never take your eyes off the model or leave it unattended while it is turned on. Immediately turn off the model and transmitter when you have landed the model

OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT

ALWAYS BE AWARE OF THE ROTATING BLADES

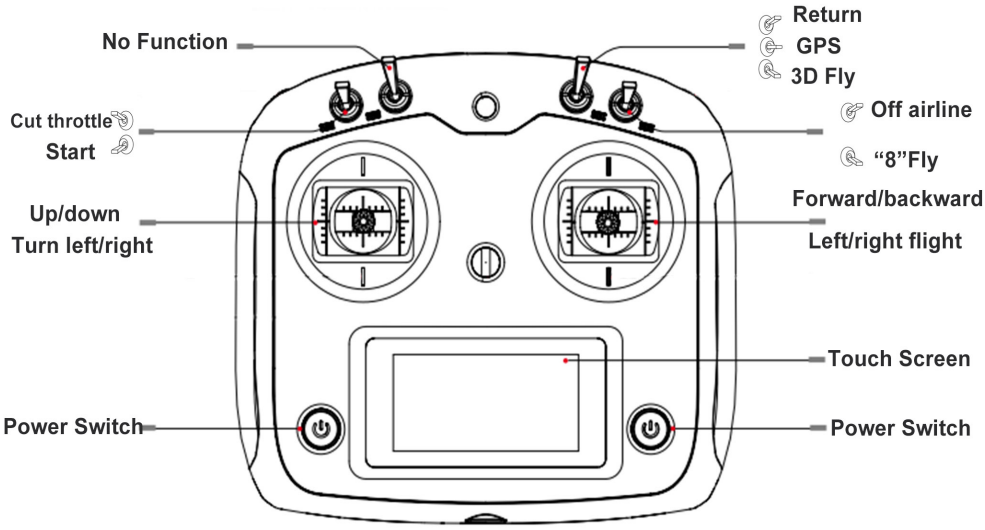
KEEP AWAY FROM HEAT

About Transmitter

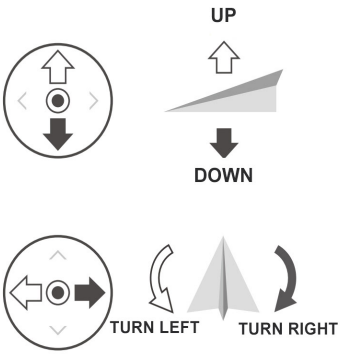
FW450 using FS-i6S transimitter which is 2.4GHz, 1km* control distance

The FS-I6S has a built-in dual omnidirectional antenna

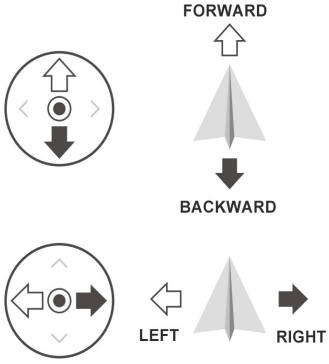
Transmitter overview



Left stick



Right Stick



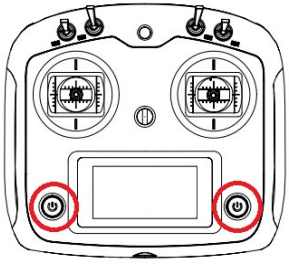
* * The maximum communication distance is measured under the experimental environment and is for reference only.

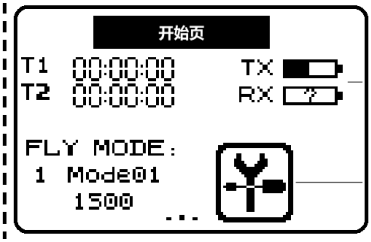
Using your FW450 Helicopter

FLY WING

1. Power on transmitter

1.Hold the two power switch two seconds at the same time to turn on transmitter.If trasmitter warning,please dial the stick switch to top position(" off fly action" " return" " cut throttle") then dial mode stick to GPS position

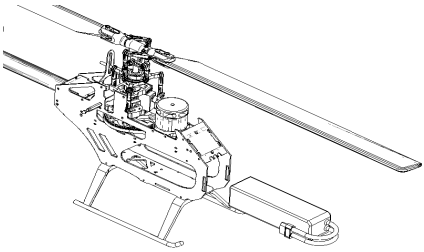




TX-Transmitter power

2. Turn on helicopter power

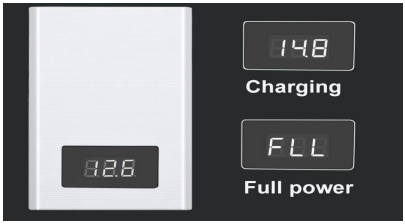
Please insert the battery into the abdomen of the helicopter to ensure that the battery strap is securely fastened. Connect the yellow plug of the battery to the Helicopter to keep the helicopter stationary. After the regular movement of the rotor head is completed, installed the canopy correctly.

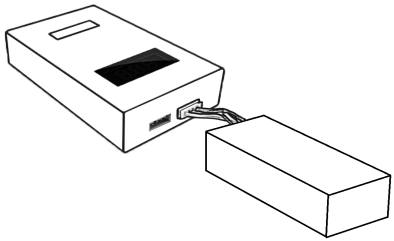


The yellow plug of the battery is connected to the side plug of the helicopter

3. Charging

- Please use the official charger to charge.Take out flight battery before charging
- Connect the charger to an AC power source (100~240 V, 50/60 Hz; use a power adapter if necessary).
- Before charging, make sure the battery temperature is normal and connect the battery white balance head to the charger. (yellow plug is not inserted)
- When the charger is connected, the charger screen will display the voltage and when full, the FLL will be displayed.





4. Ready to fly

Please helicopters placed on a flat open area outdoors, the user facing the tail of helicopter.

● Manual takeoff/landing

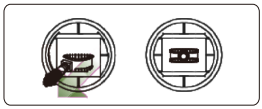
Take off:

Move the left stick outward with your left hand and release the rocker after 5 seconds， green flash at this time. Turn the start safety switch from the flameout to start, slowly push the throttle stick up (default left stick) and the helicopter takes off.

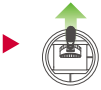
landing:

Slowly pull the throttle stick down and the helicopter lowers the flight altitude until it drops to the ground. Pull the throttle stick to the lowest position and hold it, turn the start safety switch to the flameout to stop the motor.

Unlock flight control



Throttle stick / up (slowly)



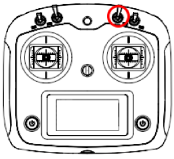
Throttle stick / down (slowly)

- Do not stop the motor during the flight, or the aircraft will crash. Unless special circumstances occur (such as an aircraft that may crash into a crowd), an emergency stop of the motor is required to minimize damage.
- Helicopter will not be able to take off during a severe low battery alarm.
- The propeller will rotate at high speed after starting the helicopter motor, which is dangerous. The operator should keep a distance from the helicopter and keep the helicopter away from people and buildings, trees or other obstructions to avoid impact.

●Return Function

Smart return:

Turning transmitter's stick to return .Then helicopter can automatically return Then dial to GPS mode to terminate the return flight.



Return
GPS
3D Fly

Low battery return: When the power system determines that the current power is only enough to return and land, the helicopter will automatically return.

- When the transmitter signal is normal, the transmitter can be used to control the flight direction during the return flight.

Appendix

Helicopter Status Indicator Description

GPS Mode

------ Yellow flash	Positioning, flight control preparing
—— Green solid	You can unlock helicopter
------ Green flash	Unlocked successful

3D Manual mode

------ Yellow flash	Flight control preparing
—— Blue solid	You can unlock helicopter
------ Blue flash	Unlocked successful

Auto flight/return

—— Purple solid	Auto fighting/returning

Any mode

------ Red flash	Restar the helicopter
------ Yellow, Red flash	No Power

※The contents of this guide are subject to change without notice.