



Specifications:

Main Rotor Diameter: 340 mm	All-up Weight: 188g (Battery included)	Receiver: RX-2401
Tail Rotor Diameter: 340 mm	Drive System: 2 × 130PH	Transmitter: WK-2401
Overall Length: 365 mm	Battery: 3.7V 1000mAh Li-Po	Gyro: Built-in
Servo: weight 8.5g / speed 0.11sec/60° (4.8V)/ torque 0.90kg/cm(4.8V) / dimension 22.5X11.5X24mm		

Features:

- 1). HM5G4, an optimal mode for the beginners, is of coaxial structure with emulational effect. The usage of CW and CCW spinning of the upper and lower main rotor blades and the auto control of built-in gyro assure your helicopter flying stably and easily.
- 2). 2 × 130PH brushed motors as drive are powerful and suitable for various courses.
- 3). 3-in-1 receiving circuit, capable of servo extent adjustment and built-in gyro sensitivity adjustment, offers you with customized and fine parameters.
- 4). The flight time at the 3.7V 1000mAh Li-Po battery will be up to 7-10 minutes.
- 5). The usage of 2.4G technology is prompter in reaction, more sensitive in operation, and stronger in anti-interference.

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Introduction

Thank you for your purchase of our product. In order to enjoy all the benefits of your helicopter, we recommend you carefully read the entire manual before you begin working with this model. After you have read the manual please store it in a safe place for future reference.

Warning

1. Walkera helicopters are not toys. They are a complex combination of electronics and mechanics which produce an aerodynamic rotorcraft. All models require proper setup and exacting adjustments to avoid accidents. We accept no liability for damage and/or consequent damage arising from the use or misuse of the products due to improper construction methods, use or operation, It is your responsibility to operate this highly advanced model in a safe manner.
2. When charging the battery, do not overcharge. Overcharging may result in fire or explosion. When the battery is hot during charging, please stop charging at once. Use specified charger only. Never short circuit! Proper disposal of the battery is your responsibility.
3. Children under 14 years old are strictly forbidden from flying the helicopter. Please do not allow children or adults in the designated flying area.
4. Any situations that occur during flight, that cause the rotor blades to stop spinning or that result in a serious ground strike and cause damage to the helicopter could initiate a fire or explosion. If this type of situation occurs, IMMEDIATELY move the throttle stick to it's lowest position.
5. Before flying your helicopter, please undraw the upper and lower blades and make sure the left and right blades are in line.

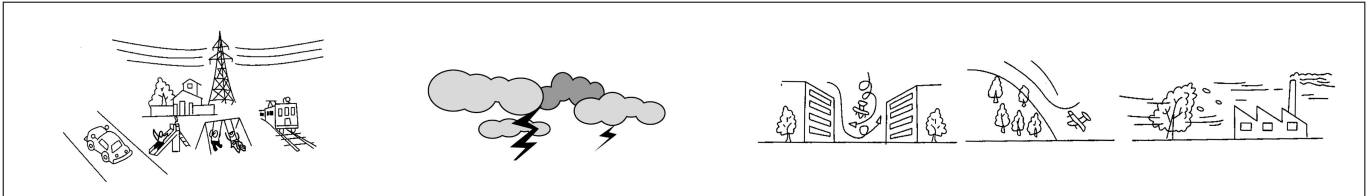
Notice: ① Please put the rudder trim in the neutral position before the power supply is connected to the helicopter.

② please let the motors cool 10 minutes after your helicopter flies every one of fully charged battery packs, and then continue your next flight; otherwise, the motors of your helicopter will take a high risk of burning or damage!

Cautions

1. Because the helicopter is operated by radio control, it is important to make sure you are always using fresh and/or fully charged batteries. Never allow the batteries to run low or you could lose control of the helicopter.
2. Do not allow any of the electrical components to get wet. Otherwise electrical damage may occur.
3. You should complete a successful range check of your radio equipment prior to each new day of flying, or prior to the first flight of a new or repaired model.
4. If the helicopter gets dirty, don't use any solvents to clean it. Solvents will damage the plastic and composite parts.
5. Always turn on the transmitter before plugging in the flight battery and always unplug the flight battery before turning off the transmitter.
6. Never cut the receiver antenna shorter or you could lose control of the helicopter during flight.
7. When flying the helicopter, please make sure that the transmitter antenna is completely extended and is pointed up toward the sky, not down toward the ground.

Don't fly your helicopter at the places with these signs



Transmitter Features

WK-2401 Instruction:

1. The usage of 2.4G technology is prompter in reaction, more sensitive in operation, and stronger in anti-interference.
2. The means of automatically scanning and code pairing:
 - A. Push the throttle stick to the lowest position and turn on the transmitter, and then the power indicator will flash (Note: never move any control sticks when it is flashing).
 - B. The receiver LED will flash swiftly as soon as the battery is connected to the receiver, and will get a solid light 1-3 seconds later (Note: Do not move the right control stick when it is having a solid light). When the power indicator of the transmitter has stopped flashing to recover to the state of power indication, the codes have been matched successfully, and you can fly the helicopter.

Note: It will take about 10 second for the codes to match. If the codes fail to match, please re-turn on the transmitter to match again. Please do not have the codes matched simultaneously when a few of people are flying their helicopters in the same field.

4-CH Transmitter Features:

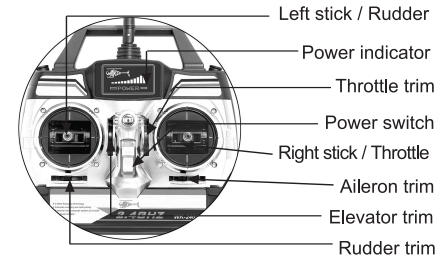
1. The DIP switches are available for various servos. It can perform the flight actions such as ascending, descending, forward, backward, leftward, rightward and so on.
2. 4-channel micro-computer as the encoder; output power: $\leq 10\text{mW}$; current drain: 50mA; power source: 1.2V X 8 Ni-Cd battery (9.6V 600mAh) or 1.5V X 8 AA dry cell battery.
3. Free to switch between left-hand and right-hand throttles.

Control Identification and Function:

MODE I - EUROPE & AUSTRALIA

1. **Left stick / Rudder.** It controls your helicopter forward, backward, left, and right. Push up to fly your helicopter forward, pull down to fly backward, push leftward to fly left, and push rightward to fly right.

(MODE I - EUROPE & AUSTRALIA)



(MODE II - NORTH & AMERICA)

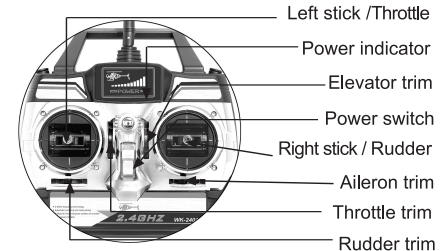


Fig. 1-1

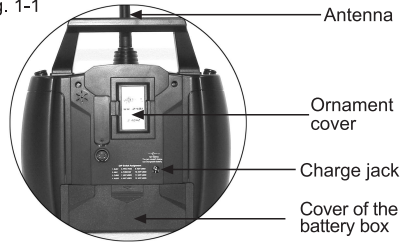
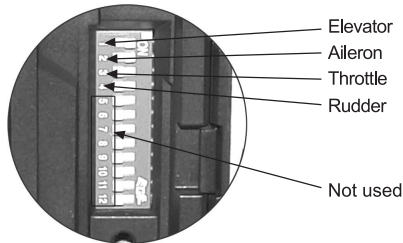


Fig. 2

DIP Switch



2. Right stick / Throttle. It controls your helicopter ascending, descending, left moving and right moving. Push up to ascend your helicopter; pull down to descend, push leftward to move your helicopter left, and push rightward to move right.

MODE II - NORTH AMERICA

1. Left stick / Throttle. It controls your helicopter ascending, descending, left, and right. Push up to ascend your helicopter, pull down to descend, push leftward to fly left, and push rightward to fly right.

2. Right stick / Rudder. It controls your helicopter forward, backward, left moving and right moving. Push up to fly your helicopter forward, pull down to fly backward, push leftward to move your helicopter left, and push rightward to move right.

3. Power indicator. The indicator is consisted of three colors: red, yellow, and green. Green LED on means the electricity is enough to fly; Green LED off and yellow LED on indicate the power is not enough and stop flying; Yellow LED off and red LED on show the power is in extreme shortage, and please stop flying at once.

4. Elevator trim. It controls and modifies your helicopter forward and backward. Push up to fly forward, and pull down to fly backward.

5. Rudder trim. The trim controls and modifies your helicopter leftward and rightward. Move the trim left to fly leftward, and move right to fly rightward.

6. Throttle trim. The throttle trim controls your helicopter to ascend and descend. Push up the trim to ascend, and pull down to descend.

7. Aileron trim. The aileron trim controls your helicopter leftward and rightward. Push the trim left to fly left, and push the trim rightward to fly right.

8. Power switch. Turn on or off the power of the transmitter. Push up the switch to turn on the power, and push down to turn off.

9. Antenna. Transmit the signals.

10. Charge jack. Charge the rechargeable battery pack at current 50mA, voltage \leq 12V.
(Notice: the charge jack is forbidden to use for non-rechargeable battery pack).

11. Battery box. Please note the polarities while inserting the batteries.