

RC SPEED PLANE

Instruction manual

WM RC-910BL

PLEASE READ CAREFULLY BEFORE FLYING

List of products

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- ① Airplane
- ② Spare propeller
- ③ Undercarriage
- ④ Remote control
- ⑤ Charger
- ⑥ Battery

Remote control

- Power switch
- Fine-tune the button to the left, press and hold it for a long time, and fine-tune one grid to the left with each beep, press it once to release and turn the light on and off.
- Fine-tune the button to the right, press and hold it for a long time to fine-tune one grid with each beep.
- Throttle lever
- Left and right direction control lever

Note: the remote control must be fitted with 1.5V AA batteries (not included)

Attention! For your safety and better control, please read the manual carefully before using the plane.

Note: For better control, your first flight should be done in a large open area in calm weather condition.

- Never use the plane near parking areas or anywhere near cars to avoid any problems and damage.
- Do not fly in bad weather and especially not with lightning.
- Do not use the plane near a highway, high-voltage, airport, tall buildings, trees, lakes and rivers.
- Keep your hands away from the propellers when they are spinning to avoid any injuries.
- Do not try to catch the plane out of the air while it's flying, this might cause any injuries.
- Children under the age of 6 should not use the plane without adults accompany.

Tip: We suggest you fly the plane at a temperature between 10-30 degrees Celsius on sunny days. Also wear sunglasses so you can always see the direction of the plane when you're flying.

BATTERY RECHARGING

- Connect the charging pin of the battery with the USB charging cable and plug the USB into a laptop, desktop, adapter or any USB port that provides energy. The light in the USB turns off when it's charging, when the light is continuously on the battery is full.
- It takes about 50 minutes to charge the battery full.
- If the indicator on the USB keeps flashing the USB or the battery is damaged, please replace them immediately!

DECODING

SIGNAL SYNCHRONIZATION FOR 2.4GHz

- Turn on the power of the airplane, the indicator on the plane will keep flashing, it shows the plane is pairing signal.
- Push the throttle lever to the lowest position and turn on the power of the controller, the indicator will keep flashing what shows that the controller is pairing signal.
- When both the indicators on the airplane and controller stop flashing and the lights are continuously on, it shows the pairing is successful. You are now able to control the airplane with the controller.

FLIGHT SAFETY

- Please pay attention to distinguish between left and right. The A blade corresponds to the A side of the fuselage while the B blade corresponds to the B side of it.
- For test flight, please pick a day without or with a little wind. A place without any buildings or tall obstructions like trees. It is strictly prohibited to make the test flight near crowd. When there is wind, advise is not to fly against the wind.

HAND THROWING TAKING-OFF

Key points: please observe before flight and confirm the direction the wind comes from.

Hold the central position of the plane, push the left control lever of the controller (left joystick) up so the propeller of the plane starts rotating at full speed. Then throw the plane against the wind but make sure it stays horizontal correctly. Also make sure you throw the plane in a straight line and not too much up or down to prevent any crash. If the plane deviates to the right when taking off, please pull the direction lever to the left. If the plane deviates to the left when taking off, please pull the direction lever to the right.

TAKE OFF FROM THE GROUND

Place the plane on a flat surface with a minimum of 10 meters in front for taking off. Push the throttle lever of the controller (left joystick) up and keep it there. The airplane will start riding to make speed for taking off. After 10 meters straight the plane will start flying. If the plane won't fly in a straight line or deviate to the right, please pull the direction lever to the left. If the plane deviates to the left, please pull the direction lever to the right.

FLYING

- Keep the plane flying in circles through the wind and make sure you don't go to low to prevent crashing.
- Observe your planes altitude and adjust its spiral direction and flight velocity.

If you have the throttle up while flying and the aircraft is still struggling to climb, it means the battery has insufficient power. Therefore, make sure to land immediately to avoid airborne failure. First, steer the aircraft to an area with less to no wind, keep about 30 metres away from yourself. Next, steer the aircraft to a suitable altitude while releasing the throttle. Lower the aircraft slowly and make sure the aircraft hangs straight when landing. If you are experienced enough, you can operate the control lever by alternately releasing and depressing it and pulling or pushing the directional key in the opposite direction to land the aircraft slowly and land it stably and safely.

DEBUGGING

This product has its own gyroscope, during flight, it can automatically correct the left and right stability of the aircraft and the straight line of flight; but if the deformation of the aircraft structure exceeds a certain range, the gyroscope cannot fully correct the flight attitude of the aircraft, at this time it is necessary to adjust the aircraft structure manually. The symmetrical back can be adjusted as shown in the images below.

If the plane has trouble with rising up its nose when taking off, you can trim the level tail wing upwards.

If the plane has trouble with rising up its nose when taking off, you can trim the level tail wing upwards.

DIRECTION OF FLYING EXPERIENCE

It is very difficult to operate this model properly the first time. The main reason is that you first have to get very used to the controller and having the spatial concept about what position the flying model is in 3D space. First of all, clarify the function of each part of the controller and the corresponding flight gesture, especially the directional issue of the flying model. When the plane's tail points to yourself, pull the directional lever to the left and the nose of the plane will turn to the left. When you pull the directional lever to the right, the nose of the aircraft will turn to the right. If the nose of the aircraft points towards yourself, the direction of pull of the directional lever will be opposite to the direction of rotation of the nose of the aircraft.

The acceleration or deceleration of the throttle on the controller should be performed according to the aircraft's flying behavior. While flying, if the nose of the aircraft rises too much, slow down; if the nose of the aircraft goes down, accelerate. If you continue to operate the aircraft in this way, you can keep flying stably. If the plane needs to climb up, accelerate first. When the plane is to rise, release the acceleration and then keep flying horizontally. When the aircraft needs to descend, release the gear and the aircraft will land. When the aircraft descends to the desired altitude, apply throttle and keep the aircraft in horizontal flight condition.

During the course of flying, the steering of the airplane is finished by the direction lever on the right. If you need to turn left, please pull the direction lever to the left. If you need to turn right, please pull the direction lever to the right. If you want the steering of the airplane more fluently, please combine operating both the throttle lever and direction lever. Accelerate while pulling the direction lever (the better mix using both the two control levers in touching way).

TROUBLESHOOTING

Break down	Reason	Expel
The airplane can not take off normally	<ol style="list-style-type: none"> Battery is exhausted Incorrect hand-throwing angle The airplane can not fly in a straight line when gliding 	<ol style="list-style-type: none"> Charge the battery Throw the airplane by hand in a correct way Trim it and use the direction lever to make the airplane glide in a straight
The airplane loses the balance and falls off suddenly during flying	<ol style="list-style-type: none"> Push the throttle lever to the maximum position Keep pulling the direction lever to one direction The pulling direction of the direction lever should be consistent with the deviating direction of the airplane 	<ol style="list-style-type: none"> Accelerate or decelerate according to the flying gesture Pull the direction lever by touching way The pulling direction of the direction lever should be contrary with the deviating direction of the airplane
The airplane makes abrupt left or right turning after taking off	<ol style="list-style-type: none"> The tail vertical wing deviates to the left (right) The rotating speed of the left engine is inconsistent with the right engine 	<ol style="list-style-type: none"> Trim the tail wing to the right or to the left Trim the left trimmer or right trimmer , replace the engine
The airplane climbs up too slowly	<ol style="list-style-type: none"> Insufficient power with the battery Overheat with the airplane engine 	<ol style="list-style-type: none"> Charge the battery Let the engine cool down before flying
Switch on the power , the propeller will make auto rotation	<ol style="list-style-type: none"> Load the battery upside down The component of the circuit board is damaged Water seeps into the airplane 	<ol style="list-style-type: none"> Connect the battery in a correct way Replace the circuit board or replace with new component Dry the circuit board

NOTES

If the fuselage is damaged, please use the special-purpose glue or transparent tape to repair it.

WARNING: CHOKING HAZARD -Small parts. Not for children under 3 years.

⚠ Warning! Not suitable for children under 36 months. Choking hazard. We recommend that you retain this packing for future reference.
 ⚠ Warning! Nicht für Kinder unter 36 Monaten geeignet. Verschluckungsgefahr. Sie sollten diese Packung zum späteren Nachschlagen aufbewahren.
 ⚠ Waarschuwing! Niet geschikt voor kinderen jonger dan 36 maanden. Verslikingsgevaar. Het wordt aanbevolen deze verpakking te bewaren voor raadpleging in de toekomst.
 ⚠ Attention! Ne convient pas aux enfants de moins de 36 mois. Risque d'étouffement. Nous vous recommandons de garder cet emballage afin de vous y référer à l'avenir.
 ⚠ Avvertenza! Non adatto ai bambini di età inferiore a 36 mesi. Pericolo di soffocamento. Si consiglia di conservare questo imballaggio per una consultazione successiva.

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Specifications and colors are subject to change without prior notice. Please keep this package for future reference.