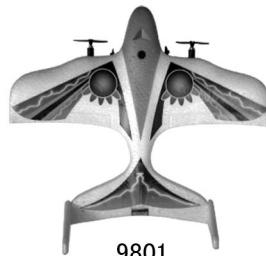


# User Manual

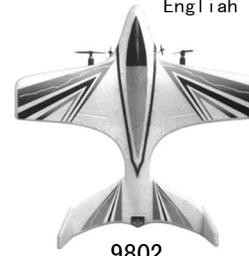


9801/9802

English Instructions



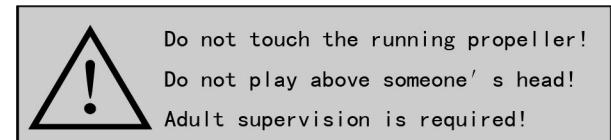
9801



9802

#### Main features:

- FM Digital proportion radio controller.
- Using the most advanced stealth fighter, wing body design, elegant appearance, streamline.
- Special materials can withstand impact, propeller impact-proof design.
- Lithium battery protector, long time playing.
- Programmed stunts, can be 360 degrees turn and dive, than rising again.
- Can adjust elevator design, climbing angle can be adjusted.
- Precise control of the flying height, superior battlefield flying skills.
- Can flying from the ground.



#### Safety Precautions:

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- Keep hands, hair and loose clothing away from the propeller when power switch is turned ON.
- Turn off transmitter and plane when not in use.
- Remove battery from transmitter when not in use.
- Parental guidance is recommended for the flight.
- Keep your plane in your sight so that you can supervise it all the time.
- New and alkaline batteries are recommended for use in transmitter to obtain best and maximum performance.
- You are advised to replace with new batteries as soon as the function becomes impaired.
- Users should keep and retain this information for future reference.
- Users should keep strict accordance with the instruction manual while operating the product.
- Your Transmitter charger is tailor-made for Li-Poly rechargeable battery used in plane. Do not use it to charge any battery other than that in the plane.

#### Battery Cautions:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged (Transmitter only).
- Rechargeable batteries are only to be charged by an adult.
- Different types of batteries or new and used batteries are not to be mixed (Transmitter only).
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity.
- Exhausted batteries are to be removed from the toy (Transmitter only).
- The supply terminals are not to be short-circuited.

Your plane is equipped with a Li-Poly battery,

Please also pay attention to the following cautions for safe use:

- Do not dispose the battery in fire or heat.
- Do not use or leave the battery near a heat source such as fire or heater.
- Do not strike or throw the battery against hard surface.
- Do not immerse the battery in water and keep the battery in a cool dry environment.
- When recharging, only use the battery charger specifically for that purpose.
- Do not over-discharge the battery.
- Do not connect the battery to an electrical outlet.
- Do not directly solder the battery and pierce the battery with a nail or other sharp object.
- Do not transport or store the battery together with metal objects such as necklaces, hairpins etc.
- Do not disassemble or alter the battery.
- Charge the battery every 6 months.
- Turn off your equipment power switch after use.
- As for a used battery, please recycle after covering the battery terminals with insulation tape or inserting it to an individual poly-bag.

#### Care and Maintenance:

- Always remove batteries from the toy when it is not being used for a long period of time. (Transmitter only)
- Wipe the toy gently with a clean damp cloth.
- Keep the toy away from direct heat.
- Do not submerge the toy into water that can damage the electronic assemblies.

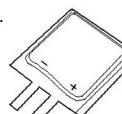
#### Performance parameter:

- Wingspan: 350mm
- Span: 320mm
- Remote-controlled distance: 120 meter
- flight time: 10~15 minutes

#### Products include:

- Plane 1 PCS
- Radio controller 1 PCS
- Undercarriage 1 PCS
- Propeller 1 PAIR
- Propeller saddle 2 PCS
- o-ring 2 PCS
- Instructions 1 set

#### Battery requirement for plane:



##### Power Supply:

Rating : DC 3.7V, 4.2W

Batteries : 1×3.7V Li-Poly Rechargeable

Battery Pack. Requires 1×3.7V Li-Poly

Rechargeable Battery Pack (included)

#### Battery requirement for Transmitter:

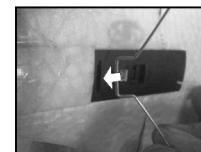
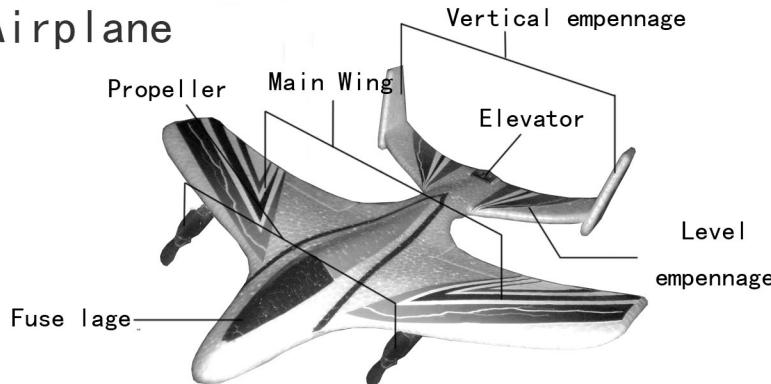
	Power Supply:
	Rating : DC 9V, 2.5W
	Batteries : 6×1.5V "AA" /LR6/AM3
	Requires 6×1.5 "AA" size batteries
	(not included)

#### Note:

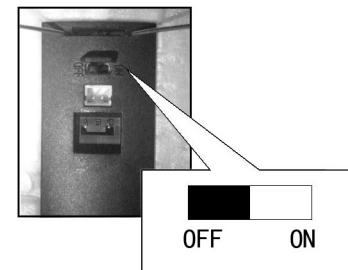
- Parental guidance is recommended when installing or replacing batteries..
- Under the environment with electrostatic discharge, the sample may malfunction and require user to reset the sample.

# Parts Index

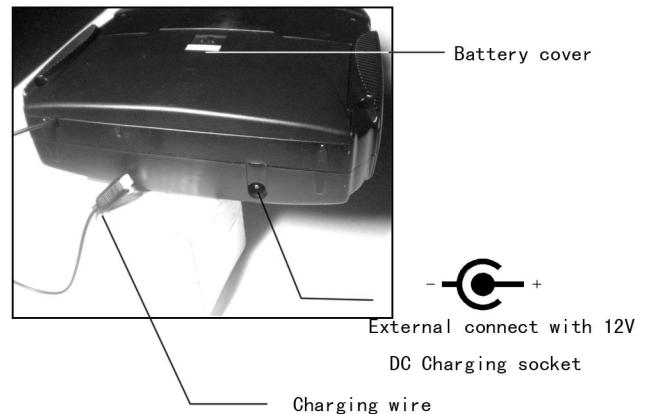
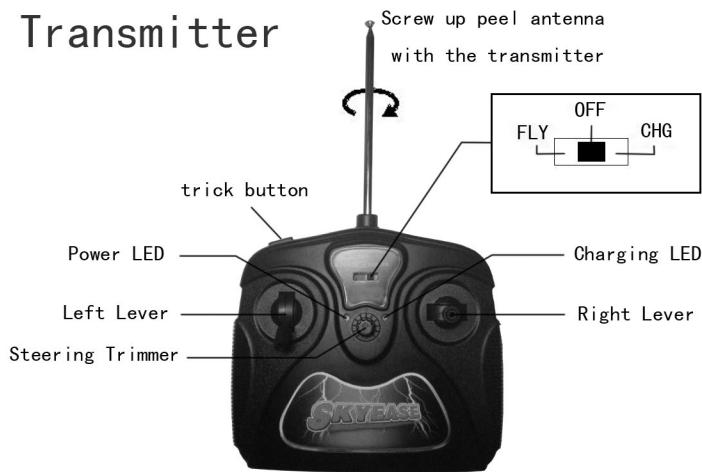
## Airplane



Assembler the landing wheel on the chassis of the plane.



## Transmitter



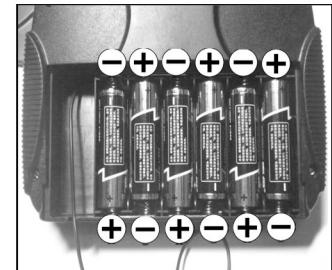
## Flying Preparation:

### Battery installation: Transmitter

1. Follow up the symbol and push down the battery cover, as shown in picture.
2. Put 6AA size batteries in the battery compartment as per the polarity shown inside. (pic. 2)
3. Pile the charging wire into engine room, close the cover.



pic. 1

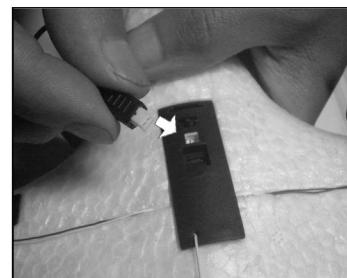


pic. 2

### Battery Charging:

Turn off the power of the plane and the transmitter.

1. Put the plug on the transmitter in the socket on plane.
2. Set the "ON/OFF/CHG" selector to "CHG" position.
3. The green LED is light up when charging.
4. It may take up to 40 minutes to fully charge the battery and a fully charged battery can serve about 15 minutes flight. The charging times may vary as to the battery status because your charger has intelligent charging control.



pic. 3



pic. 4

Green LED light up

## Playground and Weather selection:

- a) Outdoor: It is better in a sunny day, and in calm wind or slight breeze (Esp, no more than Beaufort scale 2-light air, the leaf can move light.).

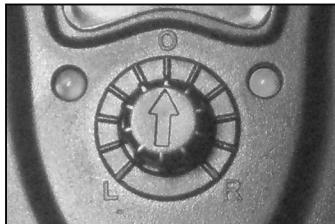
Precaution: Because of its light weight, it may be blown away under strong wind.

- b) We suggest you can play it on grass to protect your plane when it impacts on ground. When you are relatively more skilled, you can get more fun flying for the ground.
- c) Do not play your plane when it is raining, snowing, or near high power cable.

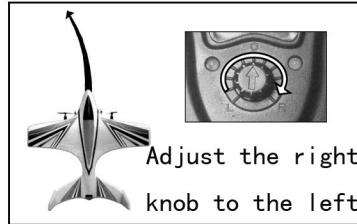
# Flying your plane

1. Tighten the radio antenna and pull out the antenna.
2. Set the band on transmitter the same to the plane.
3. First make sure the left control stick on the lowest grade, adjust the trimmer in the middle, push the switch on "Power".
4. Set the ON/OFF switch on Plane to ON..Be sure the transmiter is "POWER" when turn on the Plane.
5. Make sure the plane can go nearly straight:

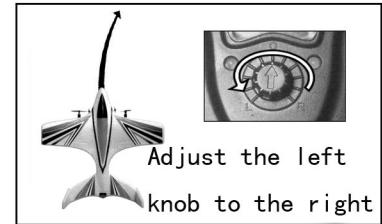
Set the right lever on transmitter in its neutral position,then push the throttle in the throttle in the max to drive the plane and hand throw the plane out to see its flying trend.When the plane keeps turning clockwise, push and release the left side of trim repeatedly till the turning stops and the plane flies straight(pic. 6).When the plane keeps turning counter clockwise, push and release the right side of the trim repeatedly till the turning stop and the plane flies straight& go straight(pic. 7)..



pic. 5



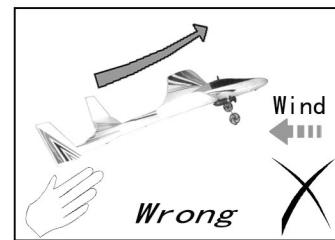
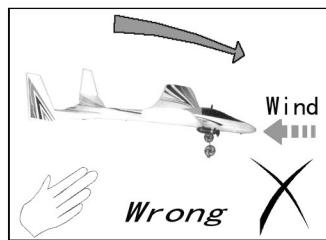
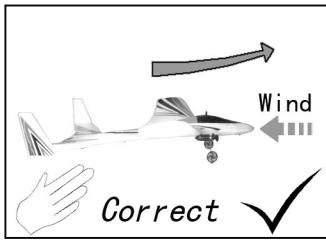
pic. 6



pic. 7

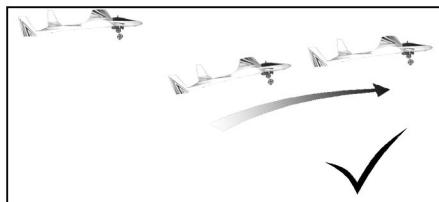
Repeat the above steps several times to make your plane go straight

6. Be sure to let the plane face to the wind when you throw it.Also it is important that you should throw it horizontally as photo shown.



7. flight from the ground: Adjusted undercarriage, placed on a flat ground (Cement floor) face to wind direction, right control stick is in the middle, pull the left control stick to the maximum.

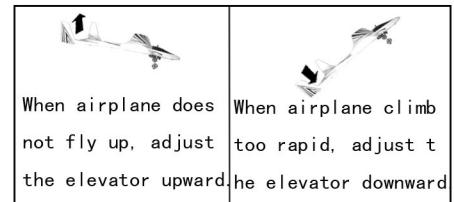
Remark: Beginners do not suggest to take off from the ground, because it need hard flat ground to take off. The plane will damage when heavy crashing.



a) The correct flight pattern would be.



b) If the plane raises its nose very quickly, it may fly near stalling speed and fall down. You should pull the left lever down(throttle down) to let it fly in horizontally.



When airplane does not fly up, adjust the elevator upward  
When airplane climb too rapid, adjust the elevator downward

c) In order to achieve the best effect of flight, you can adjust the elevator according specific situation.

8. When your plane can fly steadily, you can move the right lever to left or right so that it can turn to left or right. The "turning" function depends on the running speed variation between left and right propeller, please note that if the plane response slowly to your command, you should throttle up for better performance.

9. You can operate your plane to do some different action as the table shown, the table shown on the right gives you a rough idea of the relation between transmitter operating and the plane response.

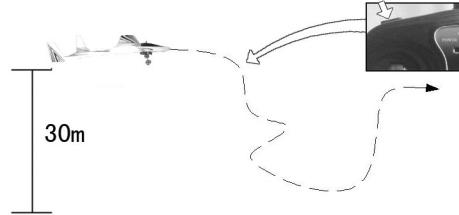
Left Lever	Right Lever	Action
		Take off and Go up
		Turn anti-clockwise
		Turn clockwise
		Go down and land

10. Landing:Turn your plane facing the wind,then throttle down.

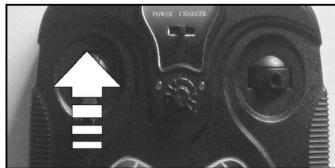
11. If your plane has minor damage, you can fix it with pressure sensitive tape.

# Flying tips

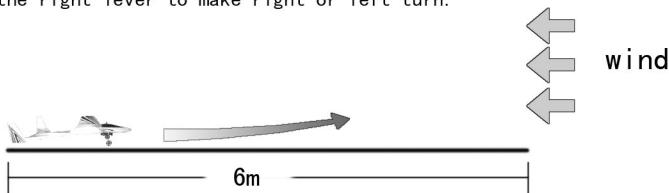
1. You can push the throttle and keep the plane fly slowly and steadily.
2. Always fly your jet as if you were the pilot sitting in the plane. When you fly the plane towards you and command it to turn right or left, it will turn to its right or left. But it will appear to you to be turning in the opposite direction.
3. In order to avoid damaging while landing in this high speed plane, push the throttle to minimum while the plane is about 4m to 5m above the ground. This will help the plane to achieve a soft landing to minimize hard crash.
4. To prevent other kind of damage of the plane, always find a wide-open and grassy area.
5. Properly trimmed your plane should make your plane fly straight out in a slight climb.
- 6.



7. To take off on ground, you may need to set the plane to set the plane on a minimum 6m runway. Let the plane face the wind direction and push the left lever (Throttle) to the top. The plane will fly off the land after 3-5m running on the ground. Then, push the left lever back to the middle position and control the right lever to make right or left turn.



Power pushed to the maximum



## Replacement of propellers

1. Take out the broken or spoiled propeller as photo shown.
2. Check the direction of propeller before replacing a new one.



**Caution:**  
Sharp point of the motor shaft, the propeller must be replaced by adult!

## Trouble Shooting

Symptom	Cause	Correction
Propeller can't move	-ON/OFF Switch is OFF. -Weak power.	-Set switch to ON. -Re-charge the battery pack.
The plane turns around and descends after taking off	-Trimmer is not turned properly. -Unsymmetry of the Vertical empennage, be out of shape.	-Adjust the trimmer. -Retest the Vertical empennage.
Can't take off or drop down at flight	-Plane doesn't run to the wind before taking off. -Weak power. -Unadjusted well with the elevator.	-Let the plane run to the wind before taking off. -Re-charge the battery pack. -Re-adjust the elevator to an appropriate angle
Drop down at the climbing state or before take off	-Weak power. -Unadjusted well with the elevator.	-Re-charge the battery pack. -Re-adjust the elevator.
The plane doesn't react, or react poorly to operation by transmitter	-High-frequency interference occurred near to high-voltage lines, transformers and some types of building.	-Avoid these if possible, or choose another place to operate the plane.
Loss of control	-Another radio control R/C plane using the same frequency and channel is operating near your plane. -Out of the control range of distance.	-Change the flying space. -Ensure the antenna is fully extended. The plane fly up to 150 meters in open space.

### **FCC warning statement**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.