



SPITFIRE

NE R/C 797B

Instruction Manual



INTERFERENCE FREE 2.4GHz REMOTE



SPITFIRE



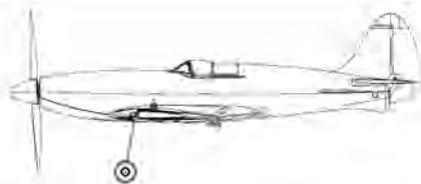
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SPITFIRE | INSTRUCTION MANUAL

Please keep the package and manual as reference for the future.

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Product Introduction

This product breaks the operational mode of original wire ,owned a variety of patents,especially for the beginners,it is allowed for you to operate its indoor flight,in garage or small space.the range of rudders of R/C make it availability of aerobatic flight,it make available to operate the plane with hands,add electronic R/C,it will make you to enjoy the pleasure of flying.

It makes possible for multiuser to play together with internal ribbon.

Eensure that yours and other people's hands,and faces are kept away from the ratating parts.

Warning and FCC Information

■ Waring

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B 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.

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.

■ Instructions for Disposal of WEEE by User in the European Union



This product must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or where you purchased the product.

■ LiPo Battery Safety Guidelines



Lithium Polymer batteries are significantly more volatile than alkaline or NiCd/NiMH batteries used in R/C applications. All manufacturer's instructions and warnings must be followed closely. Mishandling of LiPo batteries can result in fire. Always follow the manufacturer's instructions when disposing of Lithium Polymer batteries.

If you are unsure of how to charge the battery included with this product, please seek the advice of your local hobby shop.

■ SPECIFIC SAFETY GUIDELINES

1. Store in a fire proof container and charge on an open fire proof surface.
2. Charge in a protected area devoid of combustibles. Never leave the charging Process unattend.
3. In the event of damage carefully remove the battery to a safe place to observe for At least half an hour. Damaged batteries are likely to explode. Never attempt to Charge a damaged battery, no matter how slight the damage. Dispose of damaged Batteries as the instructions below.
4. Never use Chargers designed for NI-CD batteries. If the batteries show any sign of swelling Remove them to a safe place outside as they could erupt into flames.
5. MOST IMPORTANT- Never plug in a battery and leave to charge overnight. Serious fires have resulted from this practice.
6. Do not attempt to make your own battery packs from individual cells.

■ If the battery pack involved in a crash or is otherwise damaged

1. Remove the pack for damage to the wiring or connections
2. Inspect the pack for damage to the wiring or connections
3. If necessary, disassemble the pack and dispose of any damaged cells

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Specification

Model No.:NE R/C 797B

Wing span:360mm

Overall Length:330mm

Flying weight:35g

Power System: Ø 8 Hollow cup motor

Battery:3.7V 150mAh Li-Po

Product List

Description	Qty
SPITFIRE	1
Transmitter	1
Wing	1
Li-Po Battery	1
Propeller	2
Aluminium ring	1
4" Rotary Thread	1
6" Rotary Thread	1
9" Rotary Thread	1
Red Ribbon	3
Blue Ribbon	3
Paster	1



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This product is not a toy, you must operate them safely, children below 8 year-old are not suitable to operate.

If you are not a player with broad experiences, so we suggest you should learn how to operate under the assistance of remote pilot with broad experiences, our manufacturing factory and distributors are not responsible for any application conditions.

Adjusting and flying must be strictly operated according to the manual, make sure the hands, faces and bodies are far away from the rotary components. Make sure the flying is within indoor or subtle breeze condition, the rotary components are prohibited to approach other persons and far away from other objects.

Please make sure to cut off the connection to the power while stop fly., then turn off switch of the transmitter

The airplane is equipment with Li-Po battery packs, strictly comply with the operating instructions, or it may cause accident, such as burning, explosion, etc. The Self charging system equipped with the device is used to charge the system, or the special charger of the product and power adapter equipped is used.

Take the charger and power adapter out of the power socket.

Long time electrification is prohibited without supervision to avoid accident.

Using or laying lithium battery directly in the sunlight or near to fire is prohibited.

Make sure the battery is placed under dry circumstance.

Storage or transport with metal components is prohibited.

Disassembly of battery is prohibited.

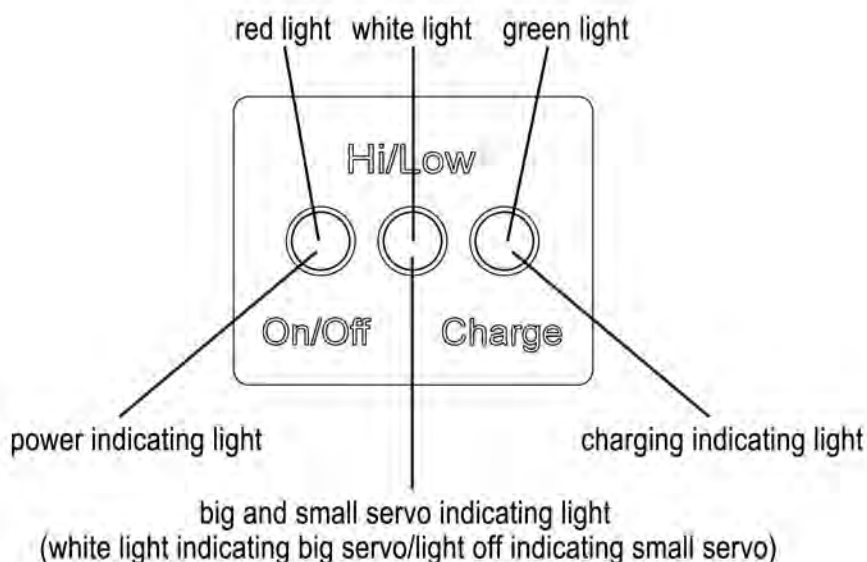
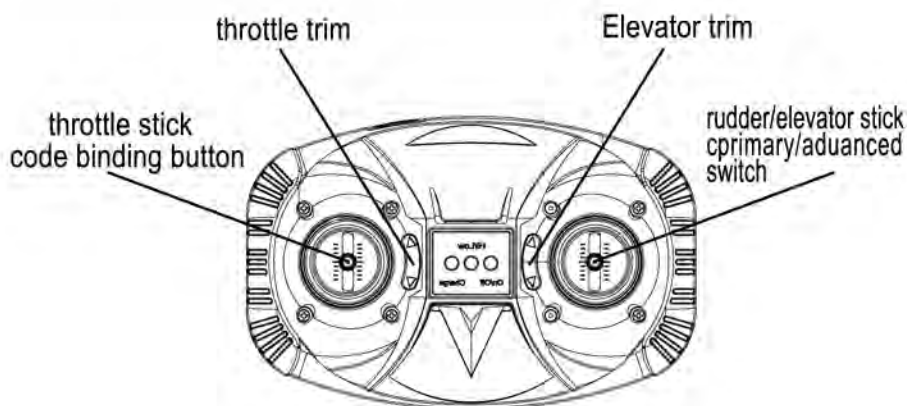
Contact the charger and power adapter with moist hands is prohibited.

When you fly the airplane, keep distance from other electrical equipment, magnetic objects, wireless devices, etc, to avoid interference and accidents.

It lacks power when the R/C give off the sound of beep, please stop flying, and change the battery of the R/C.

1. Non-rechargeable batteries are not to be recharged;
2. Rechargeable batteries are only to be charged under adult supervision;
3. Rechargeable batteries are to be removed from the toy before being charged;
4. Different types of batteries or new and used batteries are not to be mixed;
5. Batteries are to be inserted with the correct polarity;
6. Exhausted batteries are to be removed from the toy;
7. The supply terminals are not to be short-circuited.

Transmitter Control Identification

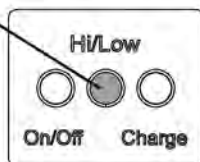


■ Preliminary,High-Level Mode Switching Of R/C

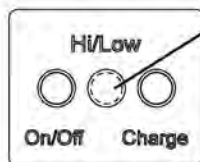
To meet players' requirement of different level,preliminary and high-level controlled mode is equipped with the R/C of the product.

1.Turn on the R/C,check the controlled mode is high-level or preliminary,the mode is high-level if the light is on,or preliminary.

white light on



high-level mode



white light off

preliminary mode

2.Mode switch is changed by means of vertically pushing the preliminary,high-level buttons.

Therefore,high-level mode is suitable for players with experience.we suggest you choose the preliminary mode to fly for beginners.

■ Battery Charging

1.make sure there is a battery in R/C and adequacy of power.

2.take the charging cover out behind the R/C.

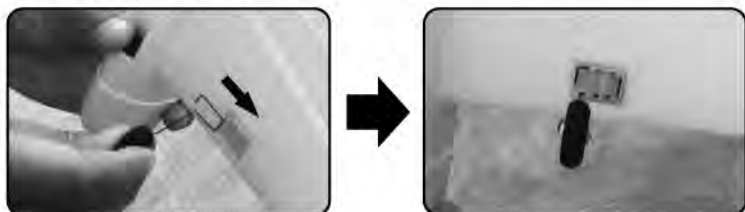
3.Take convex rib of the plastic part of Li-PO battery to suit the charging groove of R/C,put the battery into the charging groove.at this time,charging indicator located at the back cover of R/C is on.

4.The indicator light crush out when charging is finished.

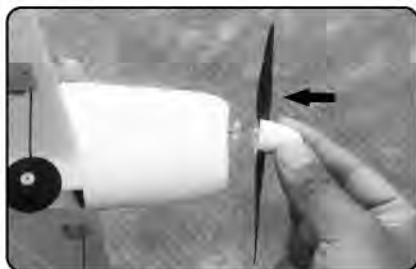


Instruction for assembling the airplane

1. Installation of the landingskids.

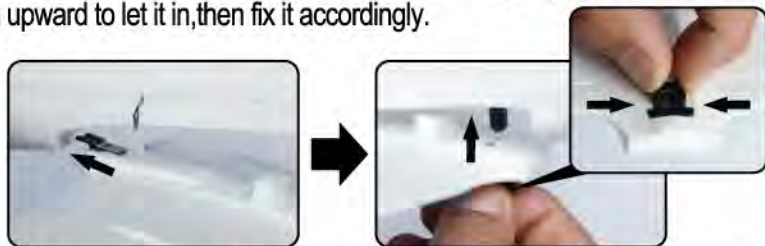


2. Installation of the propeller.



■ The Installation And Disassembly Of Aeroplane's Wing

1. Take out the aeroplane wing, insert the front part of aeroplane wing into inner of airframe.
2. Fasten the retaining key behind the aeroplane wing tightly, let the bayonet loose. push upward to let it in, then fix it accordingly.



3. Hand the retaining key of the tailing edge tightly when you dismount it, then pull it outward, at the same time, pull the aeroplane wing towards the opposited direction by the other hand.

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Notice: adult supervision is followed when dismounting aeroplane is needed. it can avoid damaging the aeroplane under inappropriate physical strength.

Preparation before fly

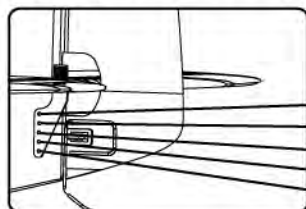
1. Before connecting battery power, please confirm the transmitter is already open and the throttle rocker is at the initial position.



2. Check if all rudder and elevator are in neutral position or not. If not, please use tools (through long nose pliers) to adjust the u-shaped ring of push-pull wire, to change the length of the wire so that all rudder and elevator are in neutral position.



3. The series of airplanes are very sensitive to the rudder function. Besides the advanced mode and primary mode of the transmitter, the players also can increase or decrease the swing through moving the slot outside or inside according to your personal hobby.

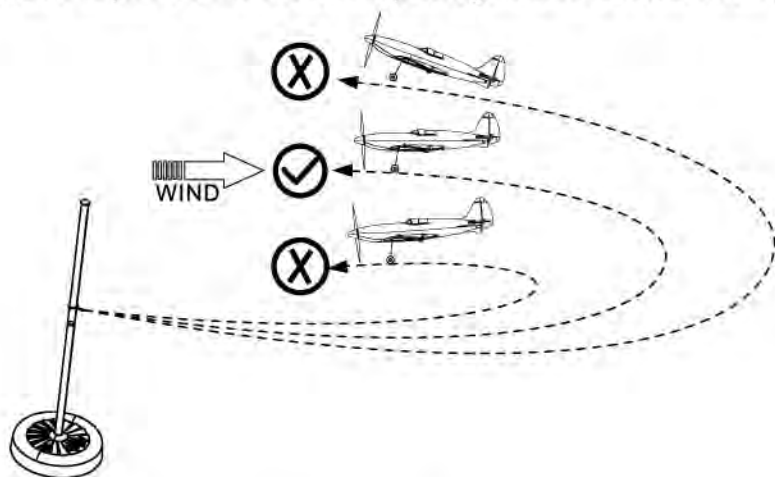


higher sensitive
high sensitive
medium sensitive
lower sensitive
the lowest sensitive

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Make sure all trim buttons are in the middle position, and the throttle stick is at its lowest position before fly.

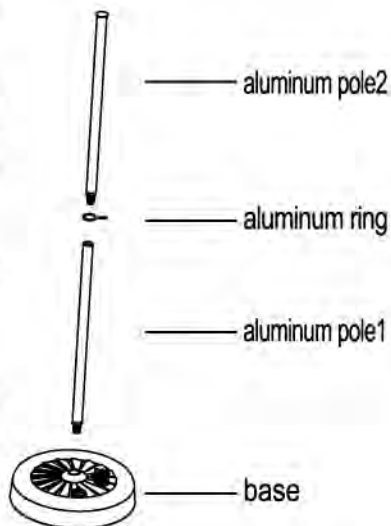
Make sure airplane is in a horizontal path against wind before casting



Assembly of base

1. Take the base, aluminum pole1, aluminum pole2 out of packing.
2. Keep the screw end of the aluminum pole1 downward, screw the end into base, and fasten them tightly by means of the nut of the base.
3. Take out the aluminum ring, insert it into aluminum pole.
4. Take out the aluminum ring 2, keep the screw end of it downward, then insert this end into the inner nut of the aluminum pole1 tightly.

Attention: assembly under the adult supervision.



Water injection into base

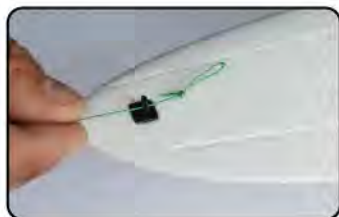
1. take out the plug, inject water into the base to increase the weight, avoiding the pole fall down.
2. injection water is about 3-4Kg if need.
3. drop the water out of the base when the fly is finished.

The connection between the aeroplane and the rotary base

1. take the connecting wiring out, put the end(1) into the groove of the rotary ring.

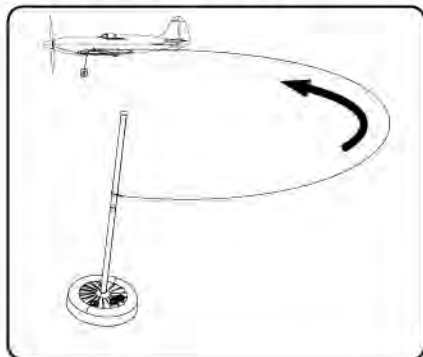


2. insert the opposite end of the connecting wiring into the drag groove located in the wingtip, then enboled to the holddown groove. then ok.

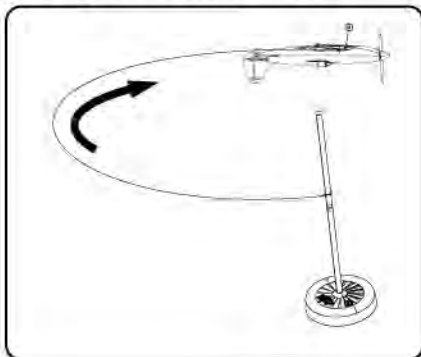


Fly status

■ Fly Forward CCW

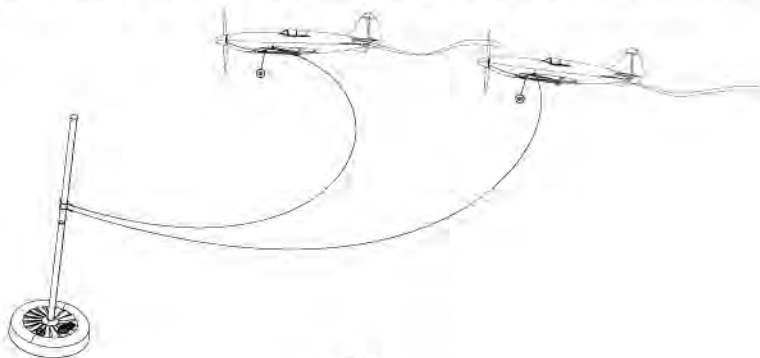


■ Fly Backward CW



Game for air fight

- 1.If 2 person play the aeroplanes with the same configuration,insert the rotary ring of one of the 2 aeroplanes into the aluminum pole,the connected to the aeroplane.
- 2.Make sure the draught lines are the same length,so they fly in a same circle.
- 3.Take the ribbons out,pasted them to the vertical fins of the aeroplanes by means of double faced adhesive tape or other adhesive tape,the corrosive materials are not allowed,such as CA tape.avoid damaging the aeroplanes.
- 4.The air fight is designed to cut the ribbon of the other person by means of the ruddle of himself,it not only increases the operational skills,but also the flight joy.



The operation procedure for the fly

1. Take the cover of the R/C battery off.
2. Put the 4 AA battery.
3. Turn on the power, check the LED display if there is a data on it.
4. Take the convex rib of the plastic part of Li-PO battery to suit the 2 grooves of battery jar, put the end with mark of the Li-PO battery is opposite to the flat of gear, then put the battery into the battery jar.

■ Start Aeroplane Up



Wrong Operation



The Correct Operation

■ Switch Off The Aeroplane



Wrong Operation



The Correct Operation

Testing before fly

■ Throttle trimming

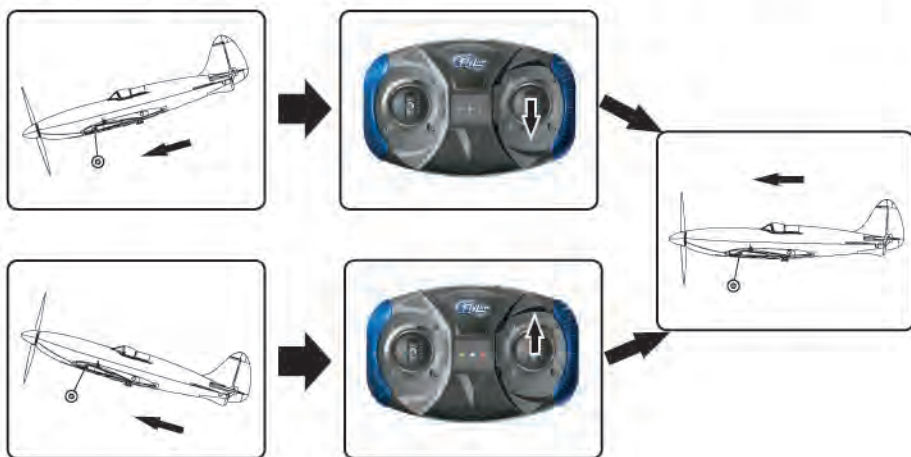
If the propeller runs when no throttle stick input is given, or it doesn't run when the throttle stick input is given, an adjustment for the throttle trim system is required. Push the propeller throttle stick downwards until the propeller stops when the propeller runs without throttle stick input.





■ Elevator trimming

When the airplane tilts upwards and downwards during fly, an adjustment of rudder is required. If the airplane tilts downwards, push the trim button downwards until it doesn't tilt. If the airplane tilts upwards, push the trim button upwards until it doesn't tilt.



Flying field

The flying field selected must be suitable for flying. No obstacles are allowed when flying the plane in the room. The plane must be flown in open area. Please keep the airplane away from trees, electrical cables and other obstacles. Flying over the people is prohibited.

Fly practice

Turn on the transmitter in accordance with the manual. Turn on the power of the airplane. After the airplane is adjusted, check the servo before fly.

1. Check the wind direction before fly. The airplane is supposed to take off or land towards the wind.

2. Push the throttle stick and throw the airplane horizontally.

3. Adjust the throttle and direction stick to fly the airplane stably. The beginner is not supposed to fly the airplane either too high or too far. If the airplane doesn't fly stably, an adjustment for the airplane is required before flying it.

4. The beginner shall use the controllers gently. Suddenly flying the airplane up or down is not allowed.

5. The airplane shall be placed on the flat ground and in the proper direction before taking off from ground. Accelerate the airplane in a straight line by increasing the throttle stick input.

6. In order to learn the flying skill better, it is suggested that the beginner shall use the small rudder to manipulate the airplane. The players can turn to big rudder when they become more skilled after enough training.

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