(Inconformity 14 year enfant hereinafter use)
(Please read through this manual before use.)

SUBOTECH™

HOKAGE

Fashionable design / Reliably stable & indestructible / Precise control / Splendid flight experience

(Instruction manual)

GYROSCOPE
INCLUDED SYSTEM

ITEM NO.S902

GYROSCOPE FUNCTION

The gyroscope is used for balancing the direction of the helicopter. It can control the helicopter automatically and makes it fly more stablyin the air. It can maintain its original direction when the remote controller does not give any instruction. Locking tail wing is one microequipment with high sensitive sensor and high automation.

Main rotor diameter:	520mm
Airframe length:	700mm
Airframe height:	288mm
Total weight:	about 578g

Included parts name

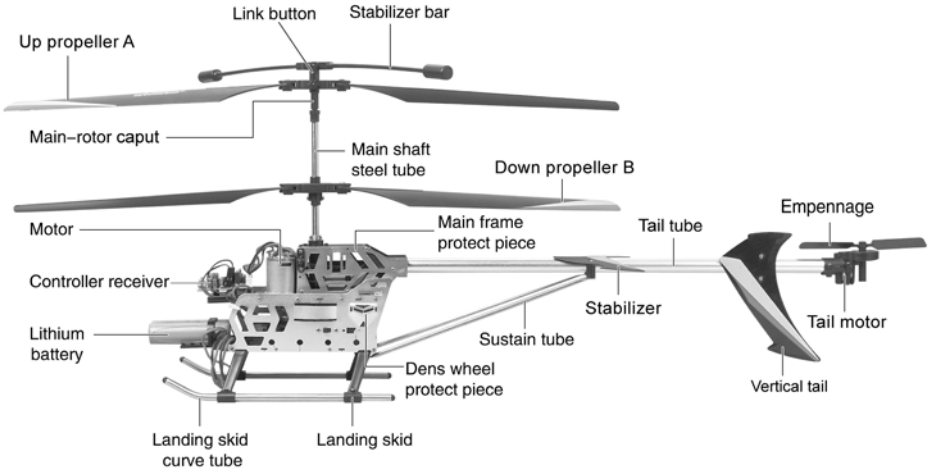
Helicopter

Antenna

Charger

Transmitter

Main structure drawing for helicopter



Part name of the transmitter

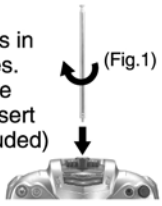
Assembly transmitter

1.Screw the antenna into the top of the controller.Tighten finger–tight(Do not overtighten.). (Fig.1)

2.Battery Installtion：

–Be sure the power switch of the controller is in the "OFF" position before installing batteries.

–Unscrew the battery door on the back of the controller with a Phillips screwdriver and insert 6 "AA" size 1.5Valkaline batteries (not included) into the battery compartment.Mounted on the battery cover.(Fig.2)


(Fig.1)


(Fig.2)

⚠ NOTICE:

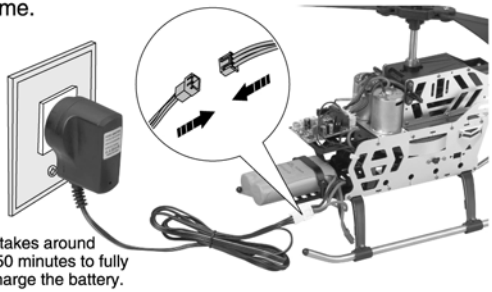
1.Install the battery make sure the battery and battery box is precise.
2.Do not mix old and new batteries together when in use.
3.Please don't mix different types of batteries when in use.
4.When the LED blueness light of the transmitter is on,it means that the voltage is enough.
5.When the LED blueness light of the transmitter is blinking, it means that the battery is low, please replace the new battery.

Charge

1. Will charger plug insert Power socket, then the green light on the charger (power/charge indicator) light.
2. Again will charger power output connector to connect to the rechargeable battery when. At this time the green light on the charger into become the red light. When the red light on the charger into a green light indicates that power has been full of rechargeable batteries, charging the end of this time.

Attention:

1.If find that the helicopter fly below one minute, please startup the helicopter after recharing the batteries.
2.The battery pack will become warm when charging excessively.It is harmful to the battery pack and would even make the battery pack damaged,please stop charging under this situation.
3.Player should stand aside as the plane in the process of charging.
4.It should not switch to other battery charger for power in order to avoid risk of explosion.
5.The battery pack would become very hot when the plane finishes flying,please wait at least 30 minutes for continuous charging in order to protect the battery pack.
6.Do not throw the battery pack into fire to avoid explosion.


It takes around 150 minutes to fully charge the battery.

⚠ NOTICE:

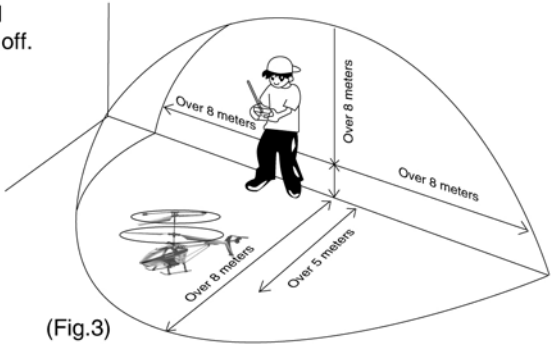
Connected, be sure to press right on map of the marked connection , unless there is damage or possible battery explosion happened.

Before the flight of the environment and preparation

1.Fly on a sunny day,without wind.
(1)Do not fly in extreme temperature.Do not fly in temperature above 113 degrees fahrenheit. Flying in extreme heat and/of cold will affect performance and may damage the model.
(2)Do not fly in strong wind.Windy conditions will limit,or disturb the flying control.In very windy conditions,your helicopter may become lost and/or damaged.
2.Choose in the wide indoor flight,and make sure that no obstructions pets and people nearby.

Preparation flight

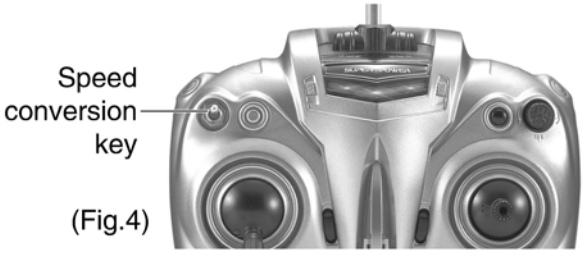
1.lay your helicopter onto the ground, turn on the power switch, and the indicator lights. (Fig.3)
2.Leave the helicopter at least five meters away,while the tail aimed at you.
3.Check that the helicopter be far away from the crowd, animals and other obstructions.
4.Put the remote control to pull up the antenna to ensure that the throttle position at a minimum. Open the remote control power switch, the power indicator light flashes, power indicator light always, when the remote control can be normal use, you can prepare to take off.



(Fig.3)

What control method

1.Control range： The control range of the R/C helicopter is about 50–60 meters please avoid to overstep this control range,otherwise the helicopter can be out if control.
2.According to your well–trained degree choice rate of speed file operation, suggest you first time fly hour choose slow file flight.(Fig.4)



(Fig.4)

Control method

Ascend	When you push up theleft stick(throttle stick),the spinning speed of the main rotor blade increases and the helicopter begins to ascend.		
Descend	When you pull down left stick(throttle stick), the spinning speed of the main rotor blade decreases and the helicopter begins to descend.		
Left	When pushing the right control lever (rudder) to the left, the helicopter nose will turn to the left;		
Right	When pushing the right control lever (rudder) to the right, the helicopter nose will turn to the right;		
Forward	When you push up the right control lever(steering rudder), the nose inclines down, the helicopter is moving forward.		
Backward	When you push down the right control lever (steering rudder), the nose inclines up, the helicopter is moving backward.		

⚠ NOTICE:

If you do not fly this plane, please dial the power switch to "OFF", disconnect the battery and connect the plug to prevent battery discharge and did not cause electric battery. If the connectors maintain the connection, then there is probably a result of a long period of power consumption and the electricity did not cause the battery.

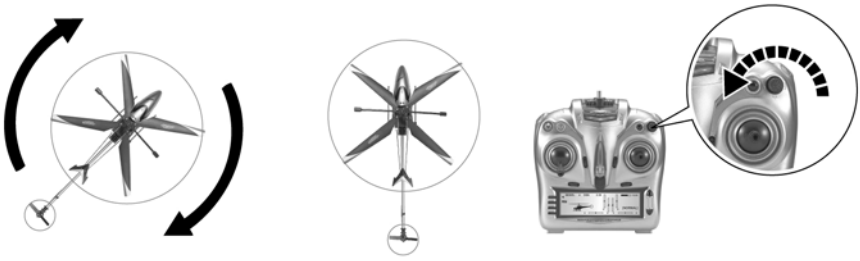
Special prompt

1.If the rudder was not touched but the helicopter keep spinning, try to adjust as the picture shows:

(1)If the helicopter keep spinning clockwise, roll the "Trim knob" towards the anticlockwise, till it could fly straight forward.

⚠ NOTICE:

When the airplane away from the ground in 30cm position,the helicopter will suffer by itself blade vortex to became unstable,we call it "effect response",when the helicopter weight lower,and the "effect response" affect will be bigger.



(2)If the helicopter keep spinning anticlockwise, roll the "Trim knob" towards the clockwise, till it could fly straight forward.

Notice

1. If the battery power of the remote goes low, the control distance would be much shorter.
2. If the battery power of the helicopter goes low, the helicopter could not fly to a high position or even fly.
3. The remote–control–range is about 50–60 meters, if the helicopter flies out of thisrange, it may lost control.
4. Repair immediately when the helicopter is damaged or out of shape. (If the rotor is seriously broken, do not fly the product, or else it may cause some accident.)

Maintenance

(1). Wipe the toy gently with clean damp cloth.
(2). Do not insolation on sun and calefaction
(3). Do not submerge the toy into the water.
(4). Turn of the power of the remote and the helicopter when not in use.
(5). Remove battery from the remote when not used for a long time.
(6). New 1.5V"AA"alkaline batteries, for the helicopter to obtain best and maximum performance.
(7). Check the toy regularly; make sure the toy is in gond shape.

Trouble manage

PROBLEM	CAUSE	CHECK THIS
The transmitter no power/ power is not enough	1. Controller's power switch is "OFF".	1.Turn power switch "ON".
	2. Insert batteries into controller improperly.	2.Confirm batteries be inserted according to their pole.
	3. The LED light is blinking.	3.Change new batteries instead.
Can not control the helicopter	1.You haven't operated the controller.	1.Turn controller power switch "ON".
	2. Doesn't turn "OFF" controllers power switch.	2.Turn helicopters power switch "ON".
	3. Doesn't wrest antenna into controller completely,or antenna isn't fully pulled out.	3.Wrest antenna completely and pull it out.
	4.You play the helicopter in strong winds weather.	4.Do not play the chopper in winds, which can confuse your control.
Helicopter can not rise	1. Main rotor blades rotates too slowly.	1.Pull up the throttle stick.
	2.Doesn't fully charge helicopters battery.	2.Fully charge helicopter battery.
Helicopter land too fast.	You loose the throttle stick or pull it down too fast.	Slowly pull down the throttle till the chopper lands smoothly.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

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.