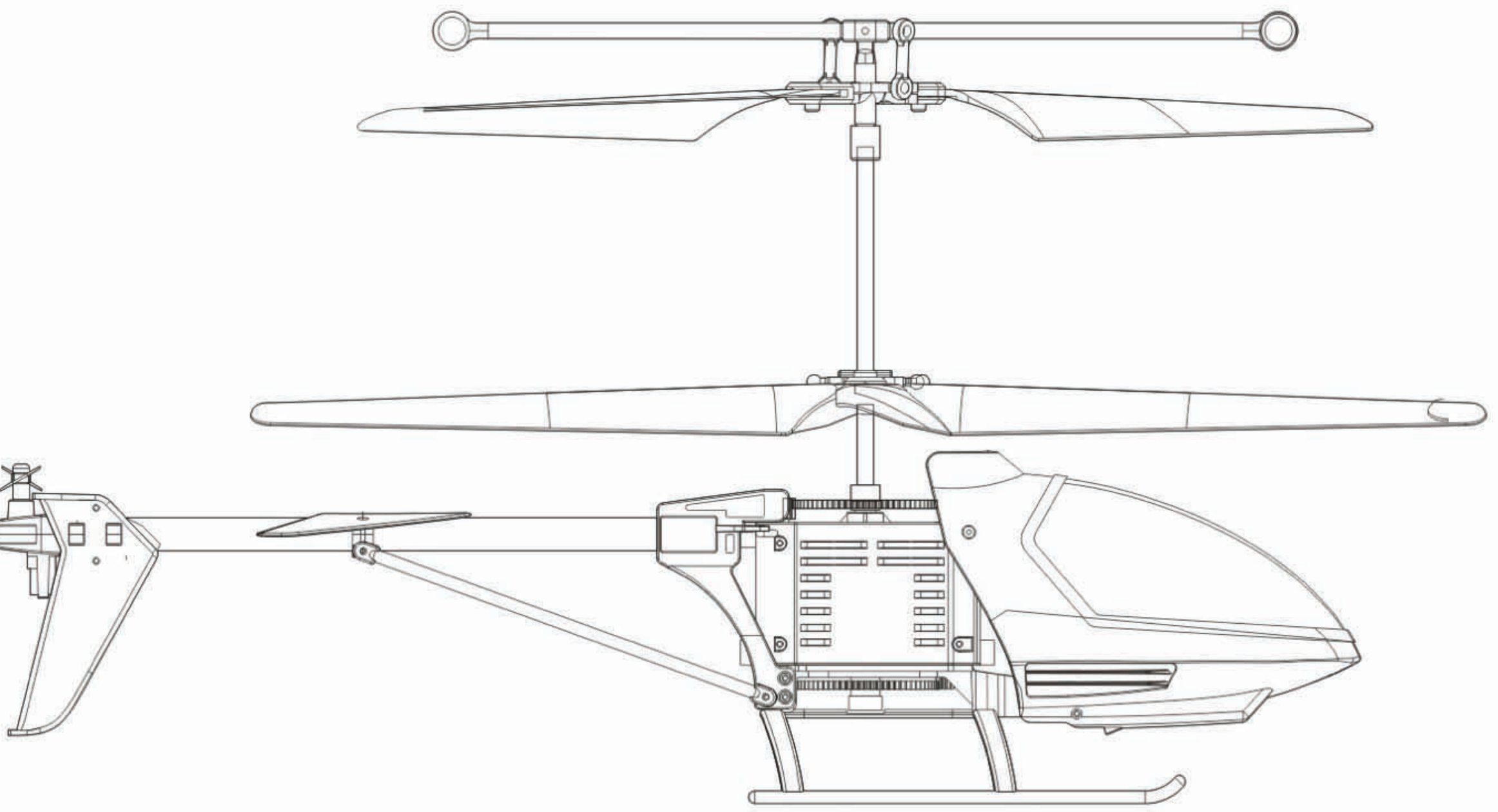
NO.6203

S-001 R/C Helicopter

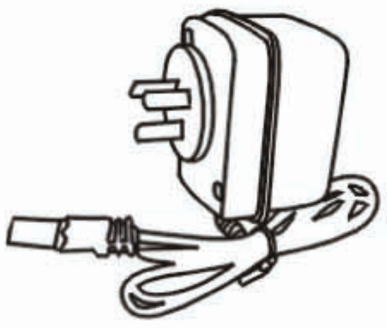
R/C HELICOPTER USING INSTRUCTION



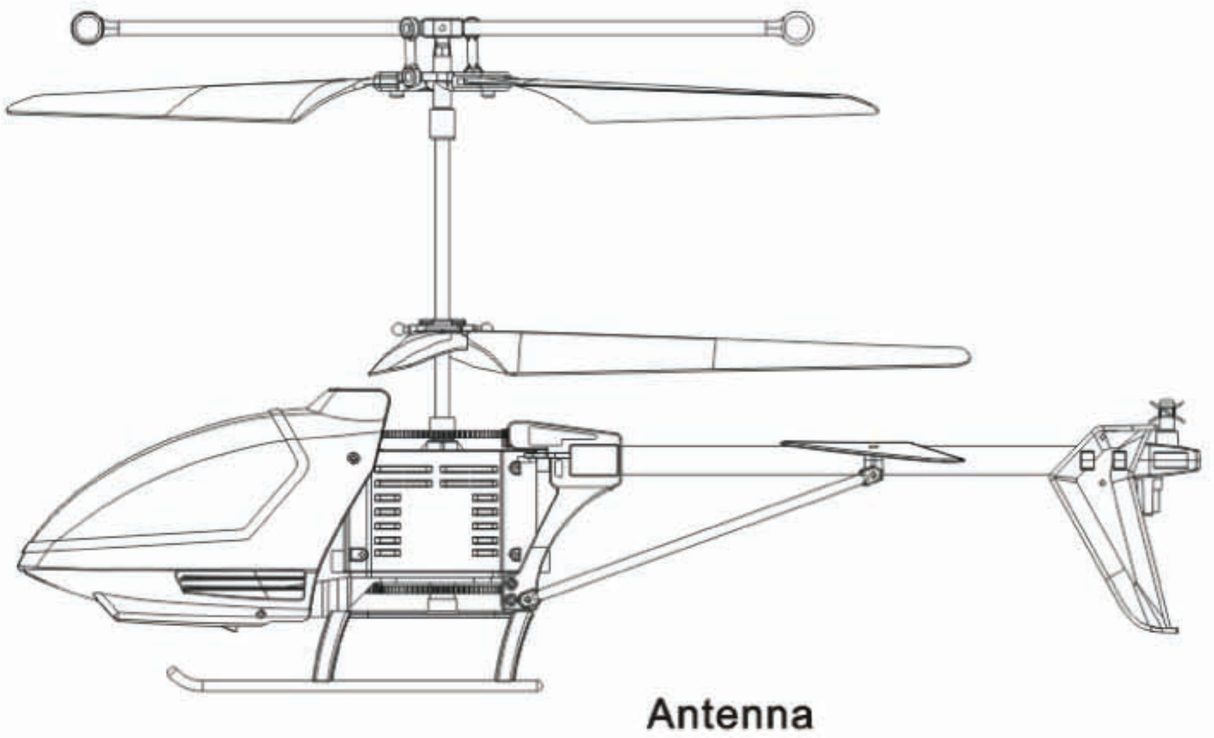
1.Intelligentized R/C system.
2.Full scale remote contro.
3.360° exact directional.
4.Smooth hang performance.
5.Newly designed electricity saving function.
6.Safeguard battery model to prolong the uses life.

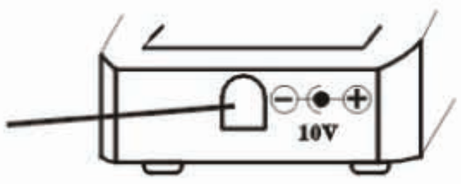
Main rotor diameter:	340mm
Length:	375mm
Machine height:	175mm
Battery:	850mAhLithium-ion pol ymer battery

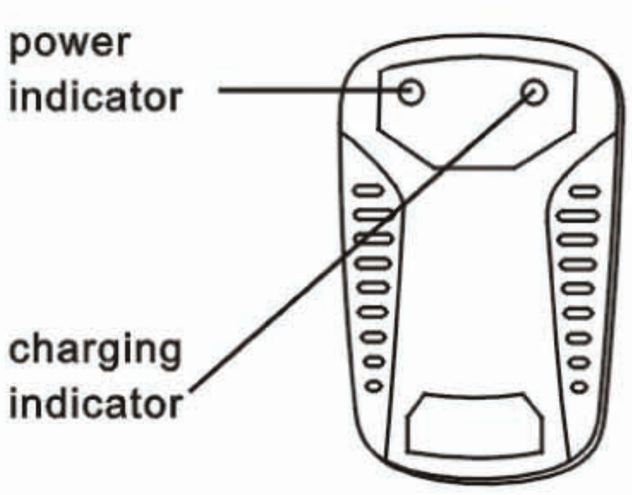
INCLUDED PARTS NAME:

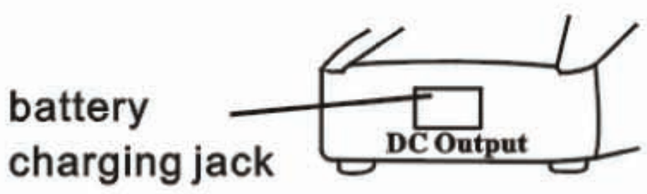


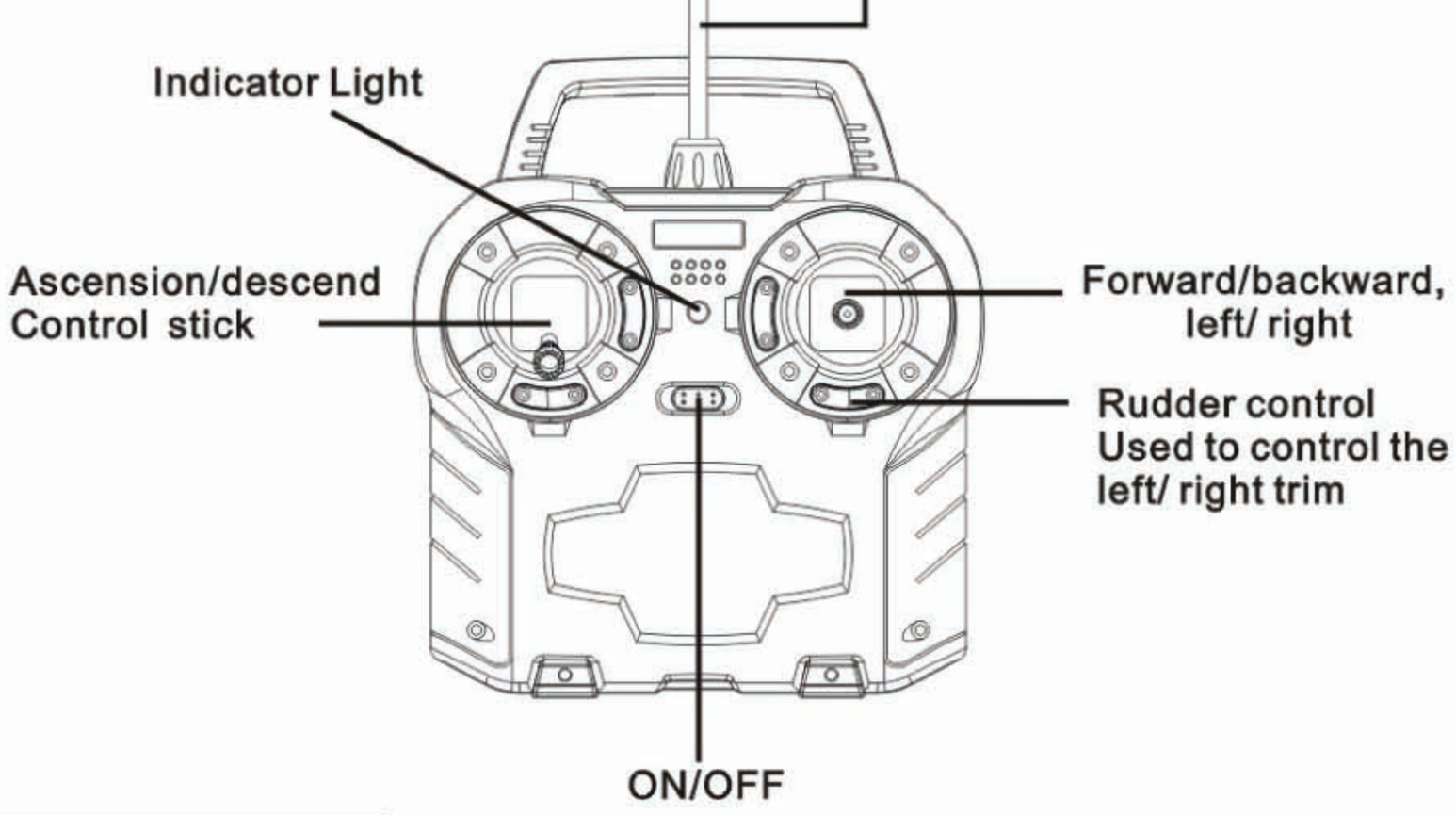
Charger











ASSEMBLY TRANSMITTER

1.Install antenna cord: remove antenna into adapter clockwise.
2.Install batteries: open the cover of battery case, insert 4 batteries (size 1.5V AA) properly followed by polar indicator. (batteries to be purchased).

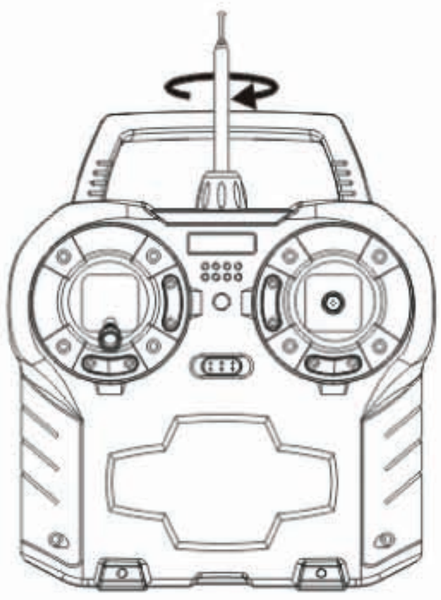
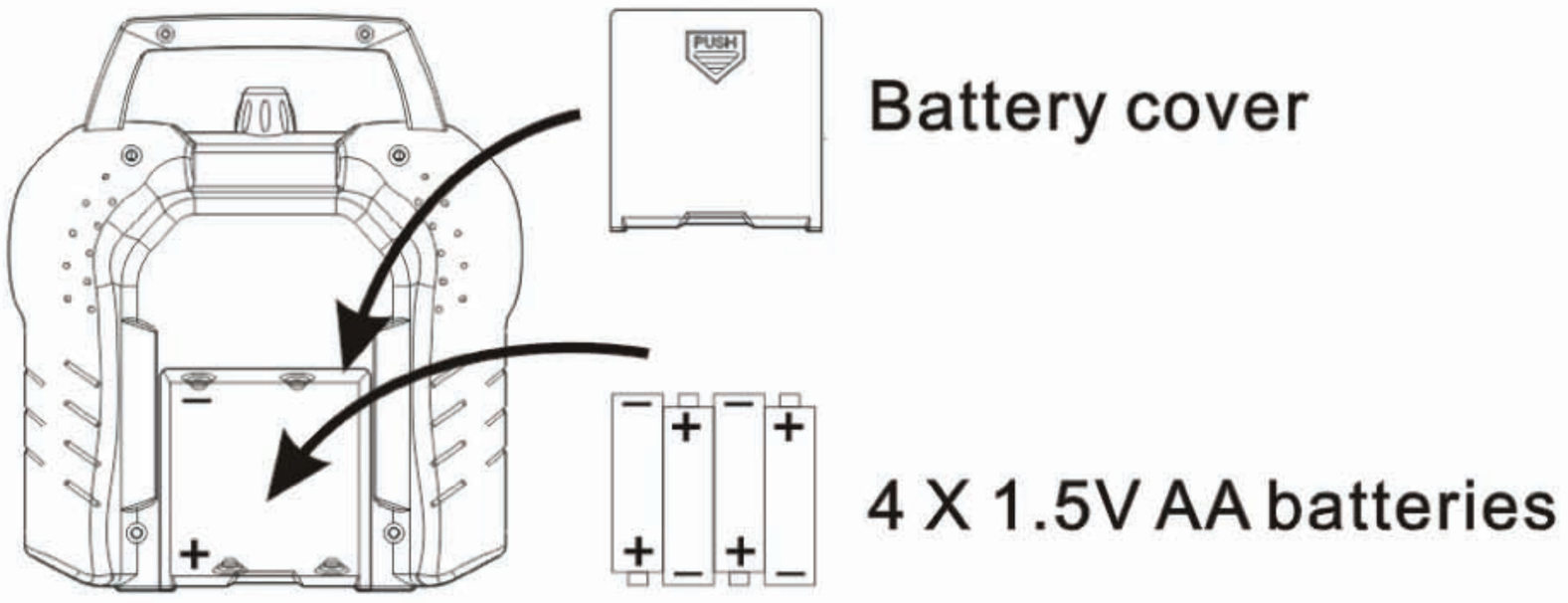


Fig.1

NOTICE:

1. Install the battery must recognize the battery and battery box is precise
2. do not mix and old batteries together when in use.
3. Please don't mix different types of batteries when in use

Fig.2



POWER BATTERIES CHARGING INSTRUCTION

Charging for battery

1.Plug the DC 10V output jack of adapter to the input jack of charge box, the red indicator will light up at the time.

2.Insert the three feet plug of battery to output port of charge box (As follows diagram), and the green indicator soon shining, gradually increased along with the battery capacity, the green indicator slow shining, when the green indicator put out, the battery capacity will achieves 100% it shows that the recharging finishes.
(Note: when install the batteries to the charge box and the green indicator does not change, kit means that the batteries are fully recharged.)

Attention:

1.Make sure the voltage and connector plug of adapter tally with the local charging standard.

2.The battery pack will become warm when charging excessively. it is harmful for 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.

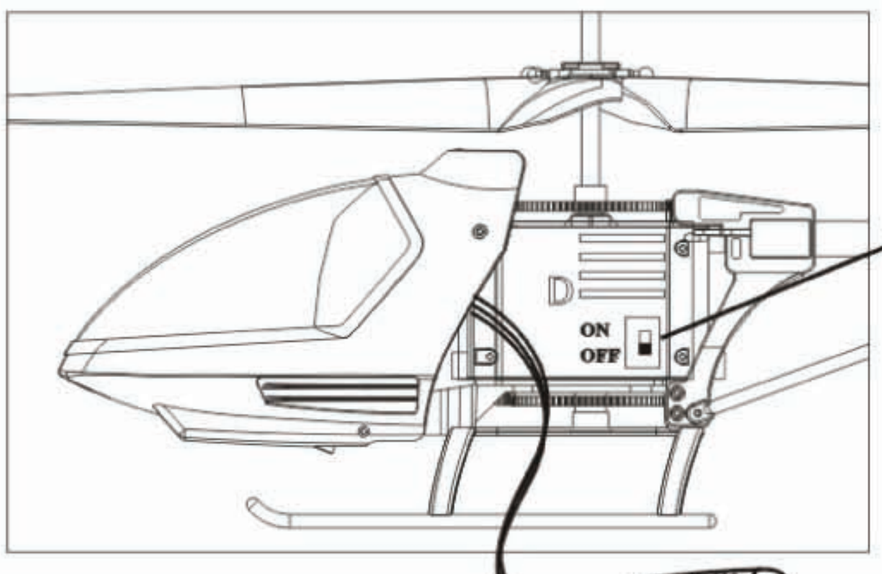
4.THis adapter adopted the advanced balance charging model for safety, please do not user other type of adapter un order to avoid explode.

5.The battery pack would become very hot when the plane finish flying, please wait at least 30 minutes for continue charging in order to protect the battery pack.

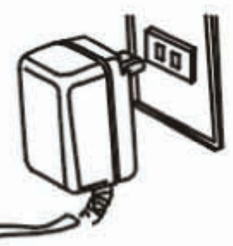
6.Do not throw the battery pack into fire for avoid explode.

WARNING ⚠

When you are tied of playing, please pull out the connecting plug to avoid the battery over discharge, if the linker keeping to connected, it may cause the over discharge as the battery long time power wasting.



While charge, pull out the switch of the airplane to "OFF" position up.



1.DC 10V input
2.DC 7.4V output
3.It takes around 60 minutes to fully charge the battery.

DC 7.4V output ⬅ ⬅ DC 10V input

⚠ CAUTION

If the battery is intended to be replaced by the user, there shall be a warning close to the battery or in both the instructions for use and the service instructions.

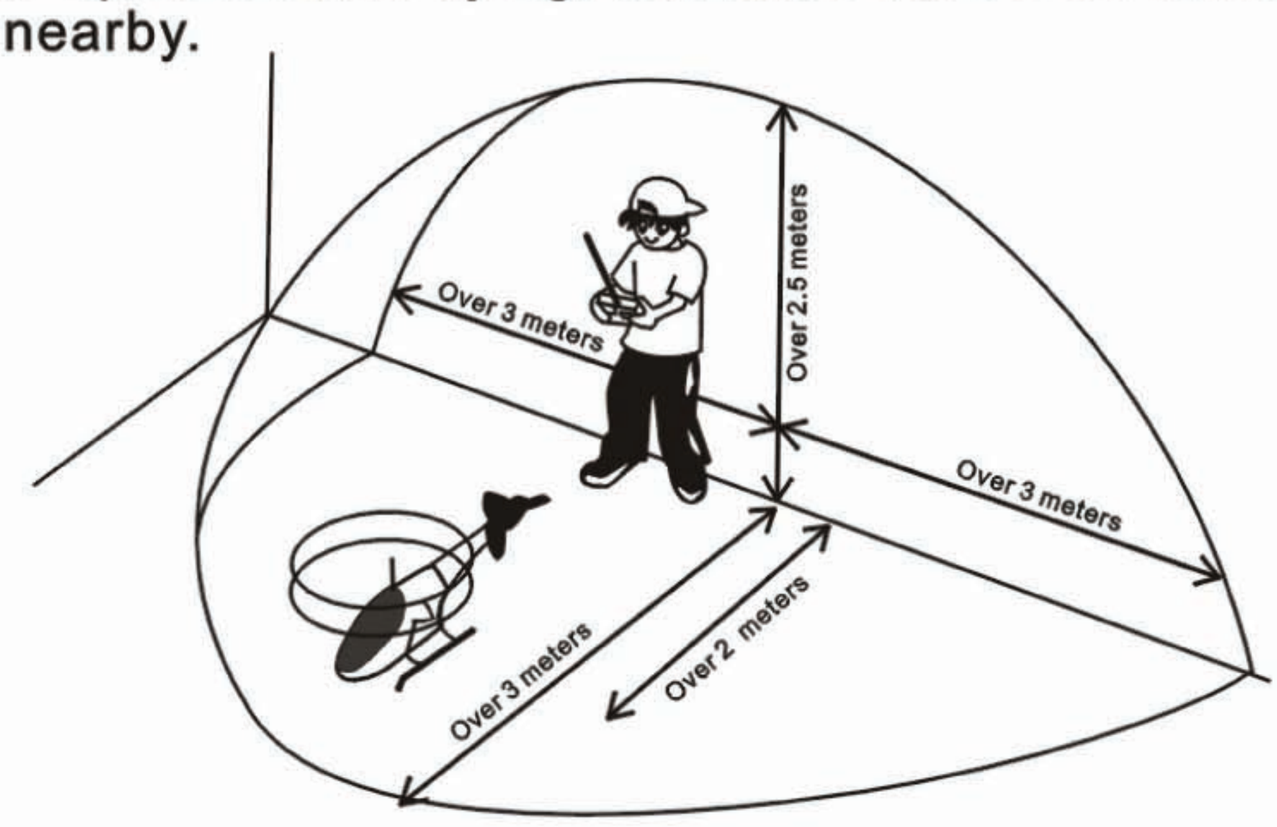
ENVIRONMENT FOR FLIGHT:

1. Fly on a sunny day, without wind.

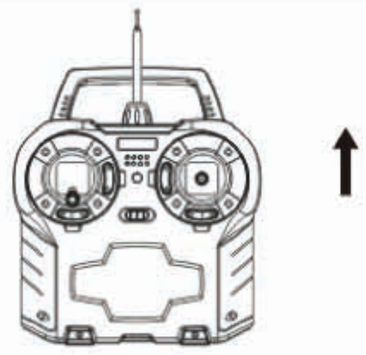
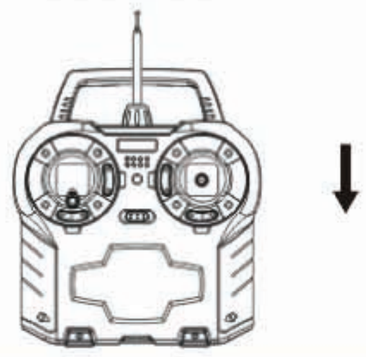
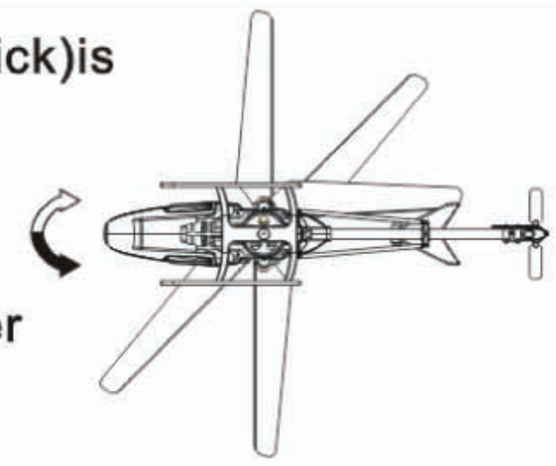
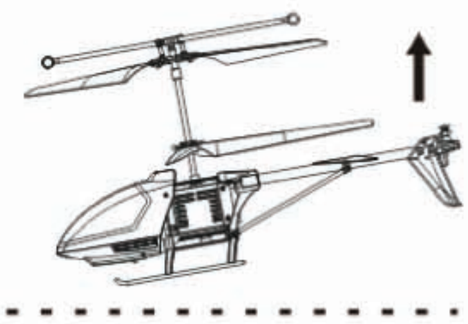
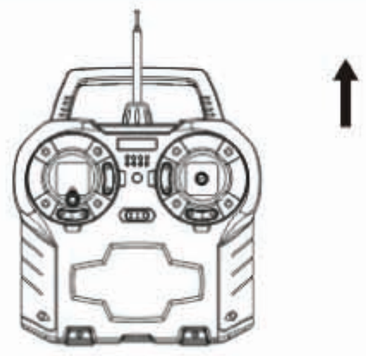
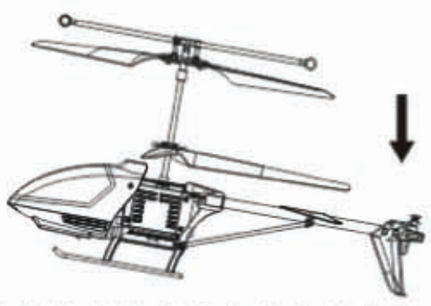
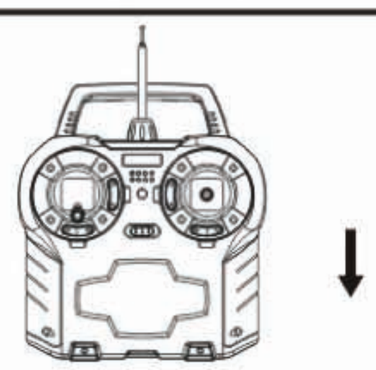
❶ Do not fly in extreme temperature.
Do not fly in temperature above 113 degrees Fahrenheit /45 degrees centigrade, or below 50 degrees Fahrenheit /10 degrees cen ti grade.
Flying in extreme heat and/of cold will affect performance and may damage the model.

❷ 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. Select a large, wide-open area for flying, and make sure is no obstructions, animals or people nearby.



CONTROL METHOD

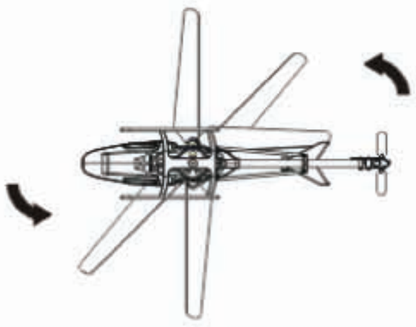
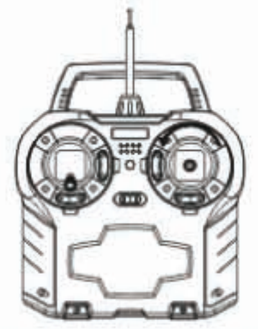
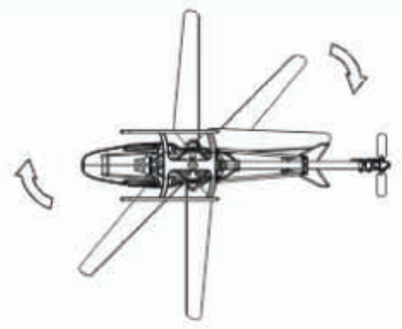
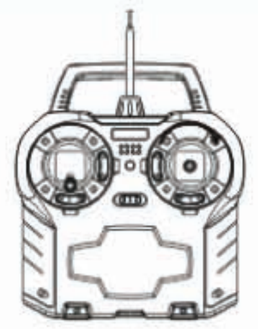
Ascend	When you push up the left stick (throttle stick,) the spinning speed of the main rotor blade is increase and the helicopter begin to ascend.		
Descend	When you pull down left stick (throttle stick,) the spinning speed of the main rotor blade is decrease and the helicopter begin to descend.		
Steering	1.When the right stick(rudder stick)is moving to left, the head of the helicopter turns to left. 2.Whe the right stick (rudder stick)is moving to. right, the head of the helicopter turns to right.		
Forward	When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward		
Backward	When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward ..		

SPECIAL PROMPT

If helicopter flies, rotating in the air without pulling control stick, then you can stop the fly, use screw driver to adjust the potentiometer on chopper circuit board lightly till it is steady. then adjust the hard adjustment till it stop revolving. (If helicopter is revolving in the air yet you do not make action to the rudder, you can use the fine-turn-button on it to make helicopter stop revolving and back to the balance. If head of helicopter rotates clockwise, slowly touch fine-turn-button left of the rudder to keep it balance, and vice versa. But when this adjust action is useless, make helicopter landing, turn off the power on it. Then you turn on the power of helicopter and launch it, adjust the fine-turn-button again.)

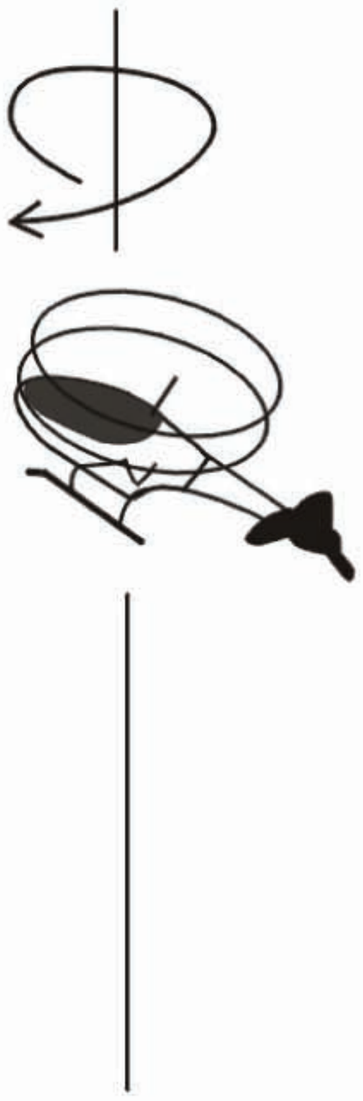
NOTICE:

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.

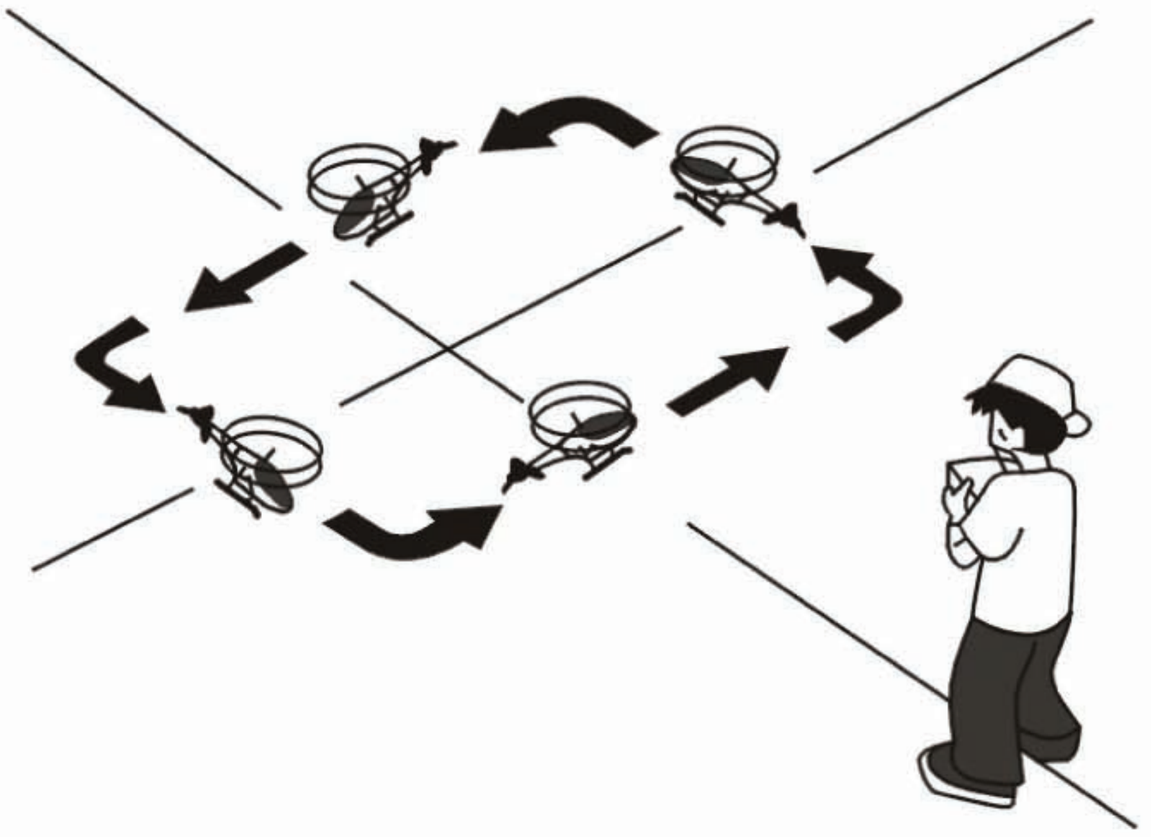
If head of helicopter rotates anticlockwise, Continuous slowly touch the right fine-turn-button to keep the helicopter's balance.		
If head of helicopter rotates clockwise, Continuous slowly touch the left fine-turn-button to keep the helicopter's balance.		

FLYING PRACTICE

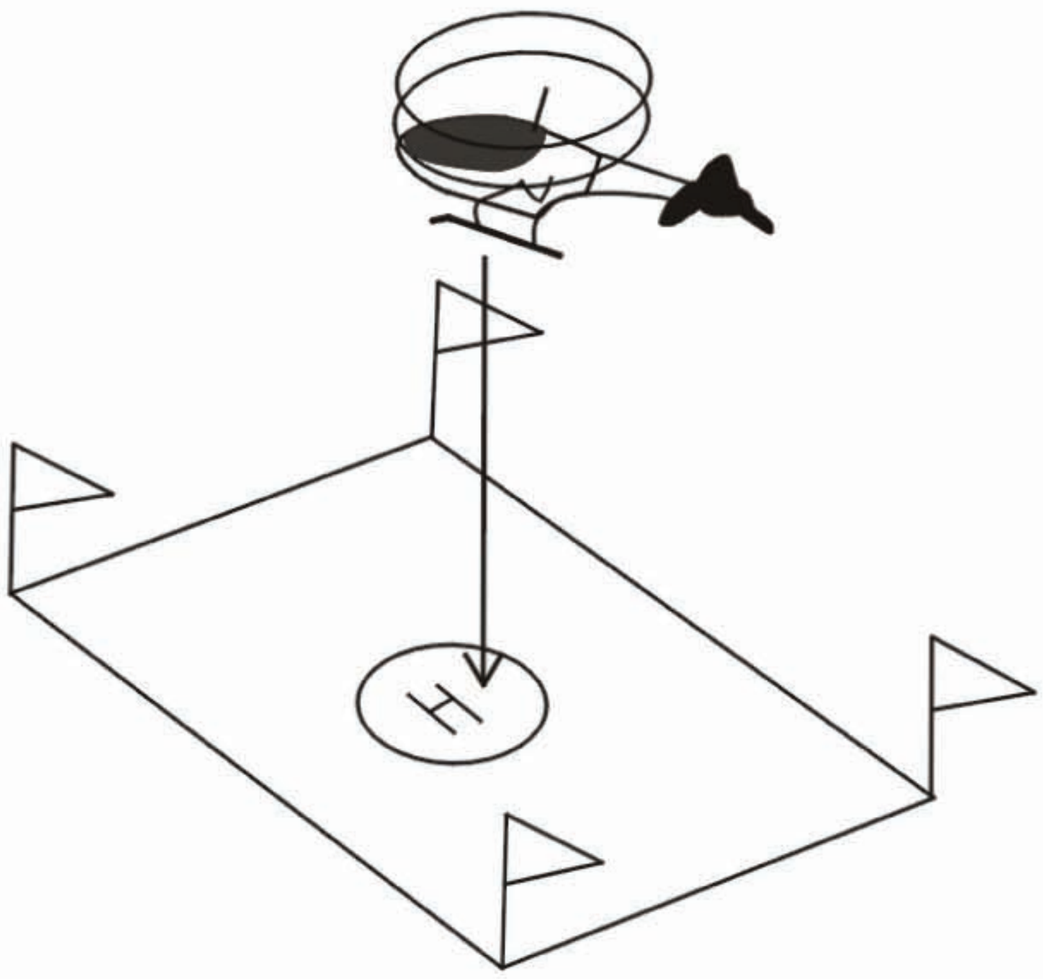
After the enough practice, you can attempts following flying practice.



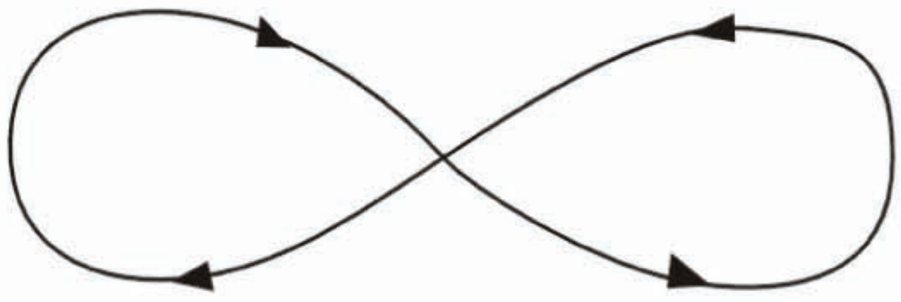
Fixed revolves
(direction revolve)

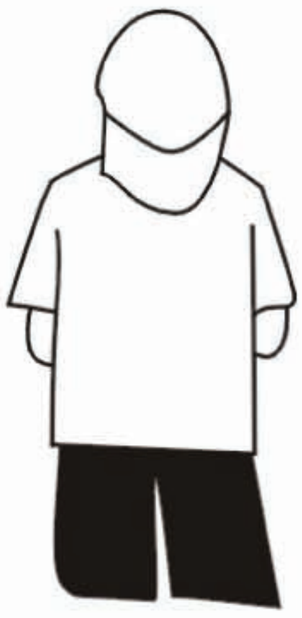


Always go forward and turn left, and exercise flight in a quadrate pattern, then repeatedly practices to gradual practice flight in a rotundity.



Landing at the appoint
pace (fixed landing)





(number 8 flight)

TROUBLE SHOOT AND DEALING WITH

PROBLEM	CAUSE	CHECK THIS
Controller doesn't work	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.Batteries lack of power.	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 on controller's power switch.	2.Turn helicopter's 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 rotate too slowly.	1.Pull up the throttle stick.
	2.Doesn't fully charge helicopter's battery.	2.Full charge helicopter battery. (see instruction above)
Helicopter land too fast.	You loose the throttle stick or pull it sown too fast.	Slowly pull down the throttle till the chopper landing smoothly.

CAUTION

1.The control distance will shorter when the quantity of electricity is not full.
2.When the quantity of the electricity of the helicopter is not full, the helicopter will launch difficulty or the height of fly is not enough.
3.If the helicopter become damaged, deformation, please repaired in time.
If the rotor become damaged or broken, do not fly, otherwise, it will lead to injury.
4.If you don't use the transmitter for a long time. Remove all batteries out, in order to avoid the battery leakage to damage this product.
5.Don't drop the helicopter from high position or crash it seriously, because that will damage it seriously or shorten the using time.

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;
(2)this device must accept any interference received, including interference that may cause undesired operation.

Notes:

This equipment has been tested and foPund to comply with the limits,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, or modified not expressed approvedby the party responsible for compliance, may cause harmfulinterference toradiocommunications.

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

PARTS ARE ALTERNATIVE

S001-01

Main frame

S001-02

Head Cover

S001-03

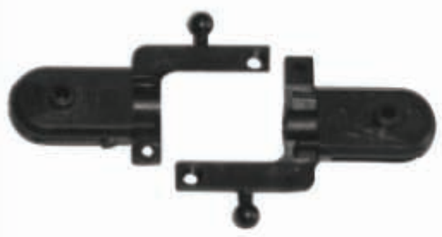
IC plank cover

S001-04

Battery charger

S001-05

Ascend
and Descend



S001-06

Main blade grip set

S001-07

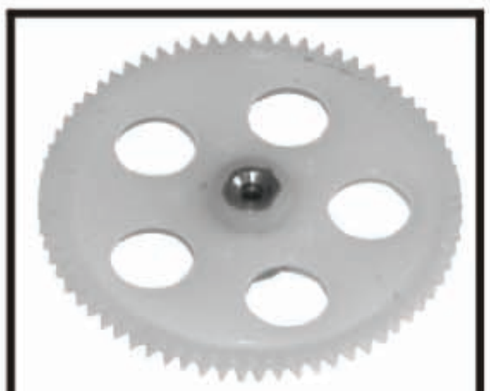
Main blade A

S001-08

Main blade B

S001-09

Gear set



S001-10

Gear A

S001-11

Balance Bar

S001-12

Connect buckle

S001-13

Aluminium collar

S001-14

bushing fixing set

S001-15

Tail tube support

S001-16

Tail lade

S001-17

Inner shaft

S001-18

Beearing(ϕ 7X ϕ 4X2.5)

S001-19

Beearing(ϕ 5X ϕ 2X2.5)

S001-20

Chopper tail unit Module

S001-21

Motor Spread hot machine

S001-22

Charger

S001-23

Tail rotor rack Module

S001-24

Front motor set

S001-25

PCB box

S001-26

Lithium-ion pol ymer battery