AGE 14+

R/C HELICOPTER USING INSTRUCTION

3.5-CHANNEL GYRO SYSTEM

S033G

REMOTE CONTROL HELICOPTER

GYROS

To avoid copter's damage and player's injury, please read this instruction before flying!

Safety regulations

1. Placed in small parts of the reach of children, to avoid accidents.
2. The blades of this helicopter is used activities blades,don't screw up.
3. The helicopter was powerful, should be gradually pushed up the remote control shift lever on the left for first flight, to avoid the surge caused the helicopter crash damage.
4. Should be turn off the power of controller first then turn off the power of the helicopter when finished flight.
5. Do not place the battery in high temperature, heating place(e.g:fire or electric heating devices)
6. Note that when the helicopter to keep the user or other persons from 2-3 m to avoid the helicopter flight, landing crashed into another person's head, face and body and so on.
7. Children should control the helicopter by adults in the guidance and ensure the helicopter control in manipulator (or guides) line of sight range, easy to control.
8. Non-rechargeable battery is not charging,installation the lithium battery, please note that the battery polarity. Do not mix old batteries and new batteries or different type batteries.
9. Should be turn off the power of the controller and helicopter when not in use.
10. Power terminal is not allow short circuiting.

Ready to fly

1. Please recheck the ground, keep away from the crowds, animals and other barriers.
2. Turn the remote control on, after a while, the LEDs will be flashing. Push the motive handle must be pushed to the maximum control route of travel first, then adjust it to the lowest; When the remote control LEDs keep lighting, it means the helicopter is going to fly.
3. Move Power Swithch on the helicopter the the "ON"position, after that, the power indicator will light up; Place the helicopter on the ground for some seconds,then the helicopter is going to fly.
4. Push the motive handle slowly, then the helicopter will fly up.

Low volatage protection

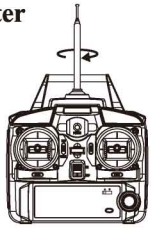
Low volatage protection: When the helicopter power is weak, helicopter control system will protect the battery and the power supply to the helicopter blades will be stopped.
After low volatage protection, it can fly again if the helicopter charged.

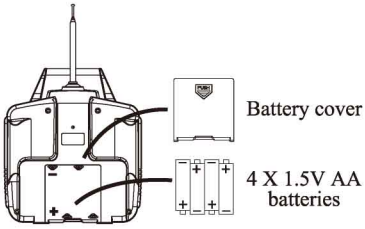
Maintenance

1. Cleaning the helicopter with clean and soft cloth.
2. Don't put the helicopter under the direct sun or strong lighting
3. Don't soak the toys in the water, or the electronic parts will be destructed.
4. Regularly check the plug and other spare parts, if find some parts broken, please stopping using till the product in good condition.

Assembly transmitter & helicopter charging

Assembly transmitter

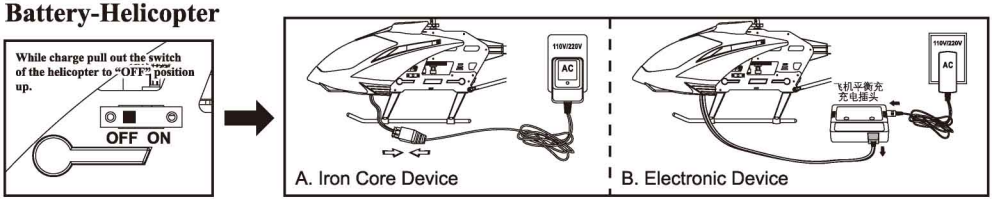




1. Install antenna: Install the antenna in the transmitter by turning it clockwise until finger tight.
2. Install batteries: Open the cover of battery case, insert 4 batteries (size 1.5V AA) properly followed by polar indicator. (batteries to be purchased)

> 1. Install batteries carefully.
> 2. Do not mix old and new batteries.
> 3. Do not mix different types of batteries.

Battery-Helicopter



A. Adapter charging (Iron core device)

Always turn off the helicopter power, connect the charge plug of the charger to the charge slot on the helicopter, then insert the charger into the power jack. When charging, charger LED lights from green to red said recharging; When LED lights from red to green, indicating charging finish.

B. Balance charging (Electronic device)

a. Put the adapter into the DC output charging case input socket, the box of the balance charger will lights green.

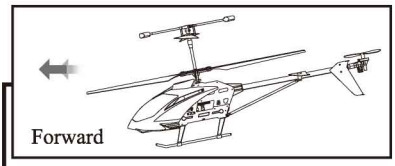
b. Put balance of power plug in the battery charging case ,the light will be turn red on the box. When the red light into green light,it is finish charging. (Note: If the battery into the charging case, the lights did not change, this indicates that the battery is fully charged, do not need to charge)

> **A. Iron core device charging time :can be 90 minutes flying about 7~8 minutes!**
> **B. Electronic device charging time :can be 240 minutes flying about 7~8 minutes!**

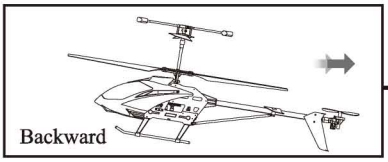
- Helicopter is equipped with a Li-Poly battery, please also pay attention to the following cautions or safety use.
- Do not use or leave the battery near a heat source such as fire or heater. Otherwise it will cause damage or explode.
- Do not use the battery slam or beating hard surface.
- Do not immerse the battery in water, and keep the battery in a cool dry place.
- Charger included with the product can only be used for the product charge.
- Do not disassemble the battery.
- Never leave the battery unattended during charging.

Helicopter control ways

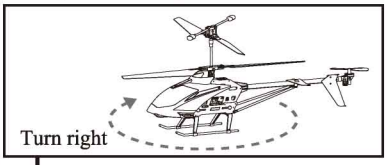
Push the rudder stick toward left to turn counter clockwise.



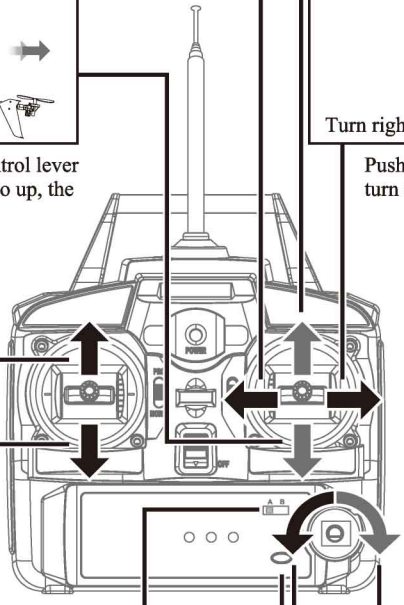
When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward.

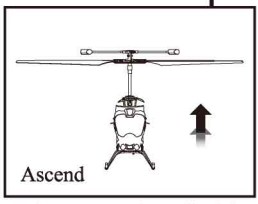


When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward.

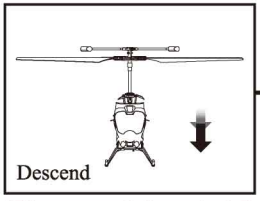


Push the rudder stick toward right to turn clockwise.

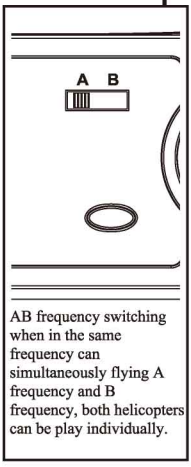




When you push up the left stick (throttle) the speed of the main rotor blade will increase and the helicopter will go up.



When you pull down the left stick (throttle) the speed of the main rotor blade will decrease and the helicopter will go down.

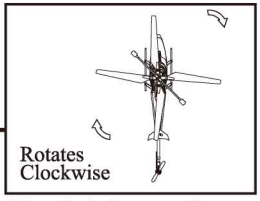


AB frequency switching when in the same frequency can simultaneously flying A frequency and B frequency, both helicopters can be play individually.

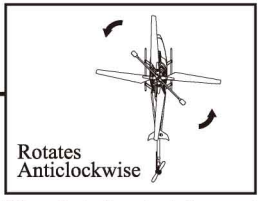
Toggle button

The helicopter has two flight modes, for beginner and for Master-hand:

1. Beginner mode (Factory default state)
2. Master-hand mode Once press the switch which is on the right bottom of the remote control, then the helicopter will change into the Master-hand mode.



When the helicopter tail presents the clockwise rotation, you may the counterclockwise rotation you in the hand the remote control vernier adjustment knob until balanced.



When the helicopter tail presents the counterclockwise rotation, you may the clockwise rotation you in the hand the remote control vernier adjustment knob until balanced.

The tail fin aim at the operator.

Maintenance program

Problem	Cause	Check this
No reaction from the helicopter	1. Not enough power for the helicoper. 2. Not enough power for the controller. 3. The channel was different from helicopter and the controller. 4. The gyro of the helicopter can't find out the right point.	1. Should be charging for the helicopter. 2. Change new batteries instead. 3. Make sure the same channel from helicopter and the controller. 4. Move the helicopter onto the flat ground, when the gyro receive the signal,then open the controller.
Not reaction from the helicopter when was fly	1. By sunlight or intense light irradiation effects. 2. Have the same frequency remote control transmitter.	1. Move the helicopter onto without sunlight or intense light. 2. Not the same for a launch interference.

Spare parts list

Order by item number from local distributors.

S033G-01
Head cover

S033G-02
Main frame

S033G-03
Battery case

S033G-04
Ascend and descend

S033G-05
Main blades

S033G-06
Tail blade

S033G-07
Connect buckle

S033G-08
Top blades grip set

S033G-09
Under blades grip set

S033G-10
Transmission gear components

S033G-11
Tail decoration

S033G-12
Balance bar

S033G-13
Gear A

S033G-14
Gear B

S033G-15
Light circuit

S033G-16
Lights decoration

S033G-17
Metal frame

S033G-18
Motor protect slice

S033G-19
Main shaft

S033G-20
Tail competent

S033G-21
Tail support pipe

S033G-22
Tail motor set

S033G-23
Motor A

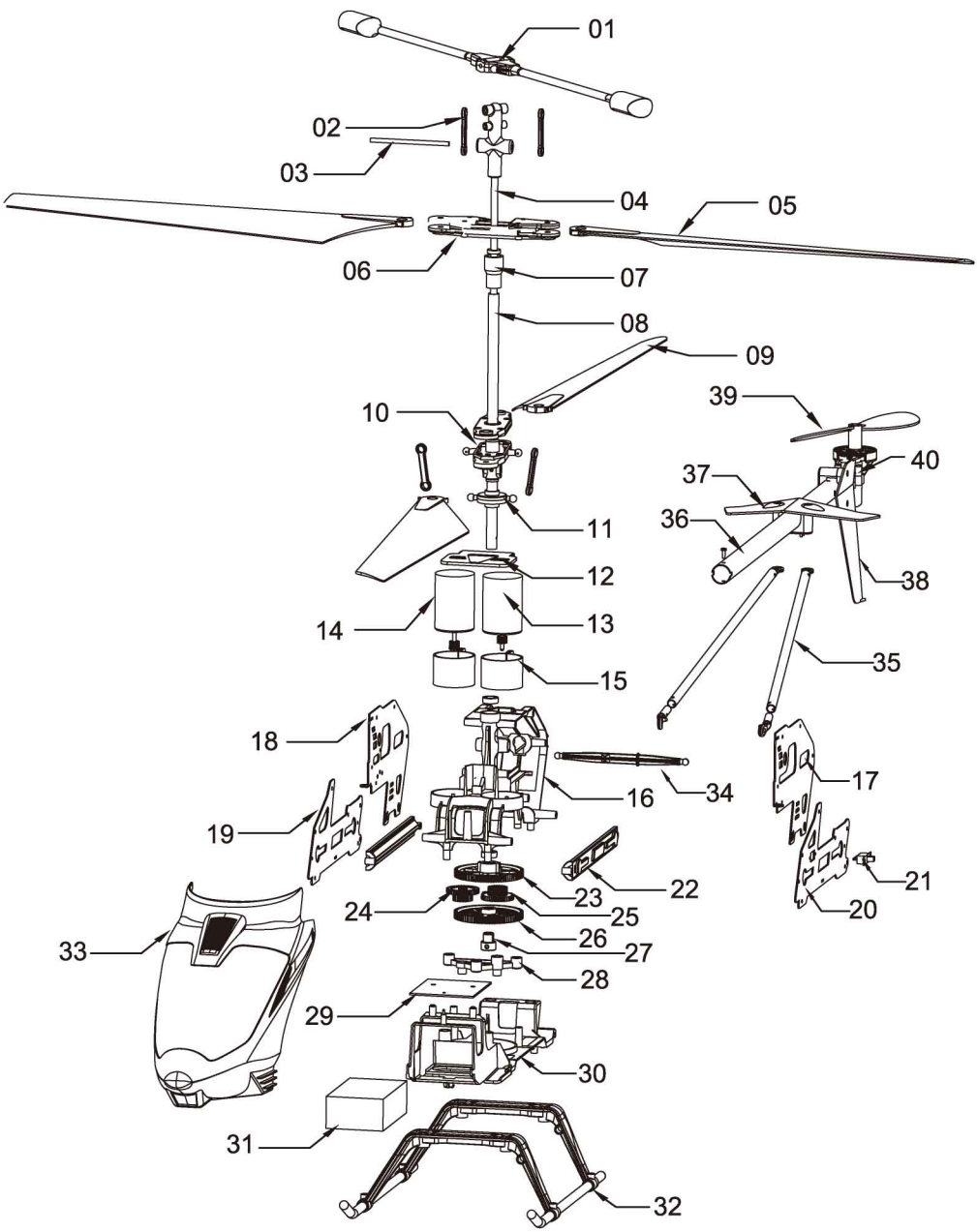
S033G-24
Motor B

S033G-25
Tail motor set

S033G-26
3.7V Li-Poly

S033G-27
Circuit board

Graphic detail



Ltem Number	Description	Qty Need
01	Balance bar	
02	Connect buckle	
03	Screw	
04	Inner shaft	
05	Upper blade	
06	Top blade grip set	
07	Bearing set	
08	Stainless steel tube	
09	Lower blade	
10	Lower blade grip set	
11	Limit decoration	
12	Main frame decoration	
13	Main motor A	
14	Main motor B	
15	Motor cooling set	
16	Main frame	
17	Upper aluminum(right)	
18	Upper aluminum(left)	
19	Lower aluminum(right)	
20	Lower aluminum(left)	
21	ON/OFF	
22	Light bar	
23	Lower blade gear	
24	Transition lie 1	
25	Transition lie 2	
26	Upper blade gear	
27	Die steel set limit	
28	Triangle tabletting	
29	PCB	
30	Underframe	
31	Battery	

Ltem Number	Description	Qty Need
32	Ascend and descend	
33	Head cover	
34	Head cover buckle	
35	Tail support price	
36	Tail aluminum	
37	Horizontal tail	
38	Vertical fin	
39	Tail blade	
40	Tail rotor rack module	

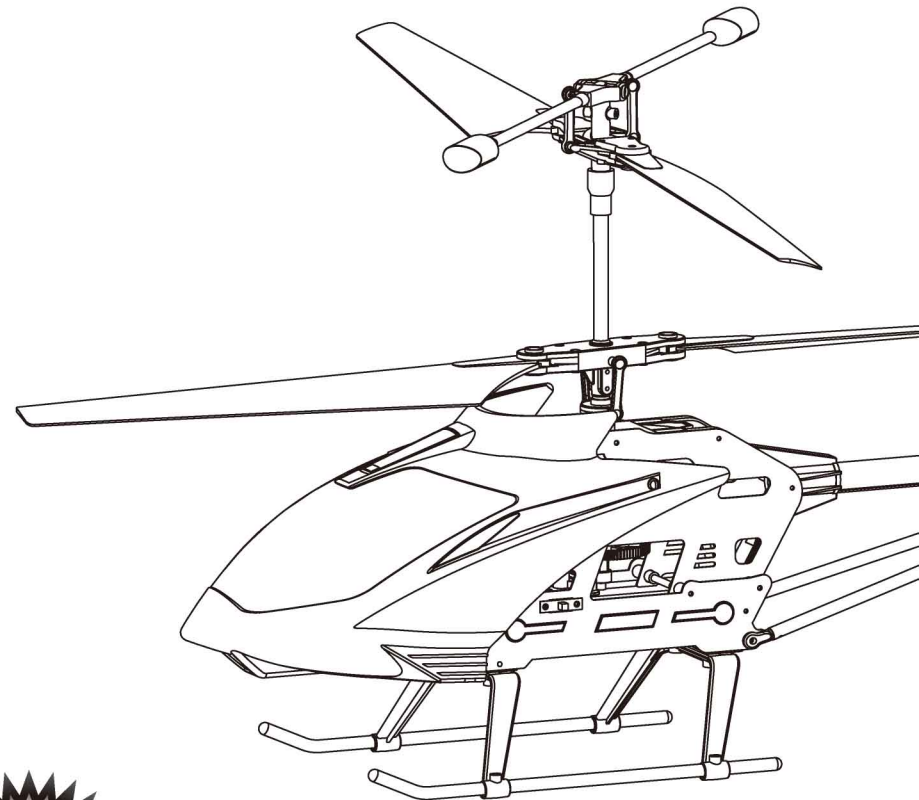
AGE 14+

遥控直升机使用说明书

三通道陀螺仪遥控系列

S033G

无线遥控直升机



内置陀螺仪

为了避免直升机的损坏、伤及自己或他人，在使用之前，请仔细阅读本说明书。

安全守则

1. 请将直升机较小零部件放置于小孩不能触及的地方，避免发生意外。
2. 本直升机风叶均采用活动风叶，切勿将其拧紧。
3. 本直升机动力十足，首次飞行时应慢慢推高遥控器左手边变速操纵杆，避免直升机急速上升而导致碰撞损坏。
4. 飞行结束后，应先关闭遥控器电源，再走近直升机关闭飞机电源。
5. 切勿将电池放在高温、受热的地方（如火中或电热装置附近）。
6. 注意直升机飞行时与使用者或其他人保持2-3米的距离，避免直升机飞行、降落时撞向他人的头部、脸部或身体等。
7. 儿童操控直升机时应由成年人在旁指导并确保直升机控制在操纵者（或指导者）的视线范围内，方便控制。
8. 非充电电池不可充电，安装或更换电池时请注意极性；不可混用新旧或不同类型的电池。
9. 不使用时应关闭遥控器及直升机电源，并取出遥控器内的电池。
10. 电源端子不得短路。

预备飞行

1. 检查场地，远离人群、动物、及其他障碍物。
2. 将直升机的电源开关由“OFF”拨向“ON”处，这时探照灯亮起，直升机的状态指示灯快速闪烁；将直升机平放在地上几秒后，直升机即可进入预备起飞状态。
3. 打开遥控器电源开关，这时遥控器的状态指示灯呈闪烁状态，然后向上推动上升/下降变速操纵杆到最顶，再将其拉回最低端；遥控器的状态指示灯呈常亮，表示遥控器已进入预备起飞状态。
4. 慢慢推动上升/下降变速操纵杆，即可将直升机起飞。

低电保护

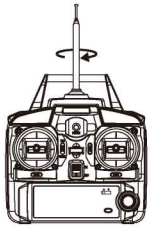
低电保护：当直升机电池电量较低时，直升机控制系统会对电池进行保护，停止直升机旋翼的供电；低电保护后，需对直升机充电才可重新飞行。

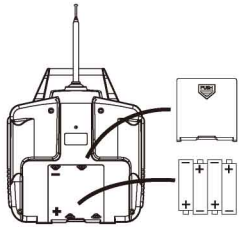
保养及维护

1. 常用干净软布清洁此产品。
2. 避免此产品在阳光下暴晒或受热。
3. 切勿将些玩具浸在水中，否则会令电子零件受损。
4. 定期检查插头及其它配件，如发现任何损坏，请马上停止使用，直到完全修复。

组装遥控器及直升机充电

组装遥控器



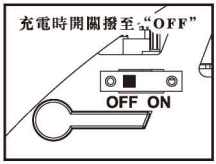


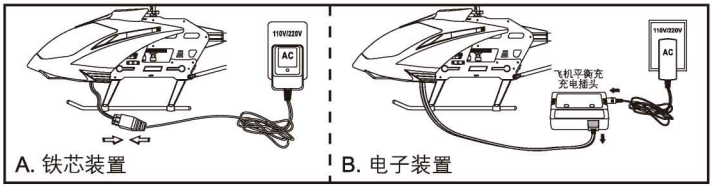
1.天线的安装：将天线顺时针转动装入遥控器的天线终端螺丝柱上。

2.电池的安装方法：打开遥控器背面的电池盖，依照电池箱的电极指示正确地放入4节5号碱性电池(电池须另购)。

> ⚠ 1.装电池时必须认准正负极与电池盒正负极，切不能装反。
> 2.请勿混合使用新旧电池。
> 3.请勿混合使用不同种类的电池。

直升机电池充电





A. 适配器充电（铁芯装置）

先关闭直升机电源开关，把充电器上的充电插头连接到直升机的充电槽，然后将充电器插入电源座中。当充电时，充电器LED灯由绿色转为红色，表示正在充电；当LED灯由红色转为绿色，表示已充电完成。

B. 平衡充充电（电子装置）

a. 将适配器直流输出口插入平衡充电盒输入插座，这时平衡充电盒上绿灯亮起。

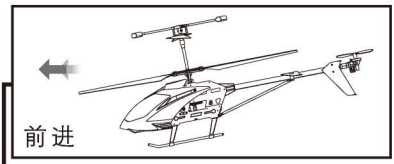
b. 将动力电池三位平衡插头插入充电盒输出端上，这时平衡充电盒上红灯亮起；当红灯变为绿灯时表示充电结束。（注意：如果动力电池插到充电盒上，灯无变化时，这表明电池为满电，不需要再充电）

> A.铁芯装置充电时间90分钟可飞行约七至八分钟!
> B.电子装置充电时间240分钟可飞行约七至八分钟!

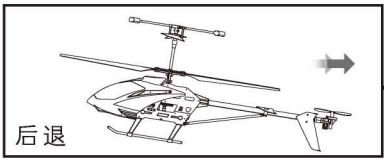
- 此产品配备内置锂电池，使用时要注意以下安全事项。
- 切勿把带电电池放在高温受热的地方，如明火或电热装置，否则会发生损坏或爆炸。
- 切勿用电池撞击或敲打硬质物体表面。
- 切勿把电池浸入水中，电池应存放在干燥的地方。
- 只能用产品附带的充电器为产品充电。
- 切勿分解电池。
- 充电时人员切勿离开。

直升机操控指引

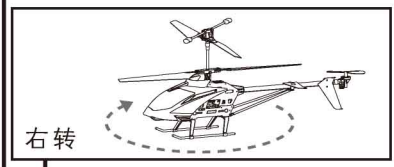
将方向杆推向左边直升机便会逆时针转。



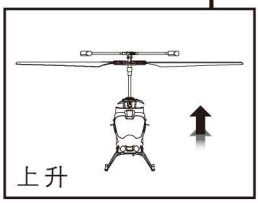
当右操纵杆（转向舵）向上推，直升机机头微微向下。直升机向前前进。



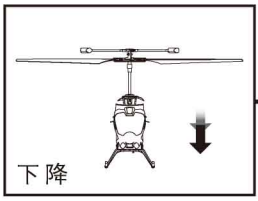
当右操纵杆（转向舵）向下推，直升机机头微微向上。直升机向后后退。



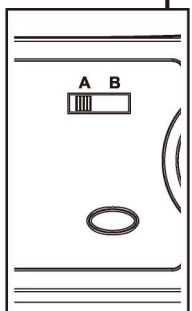
将方向杆推向右边直升机便会顺时针转。



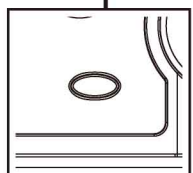
当左操纵杆（油门）向上推，主旋翼转速增大，直升机升高。



当左操纵杆（油门）向下推，主旋翼转速减慢，直升机下降。



AB频切换开关在同种频率的情况下可同时飞行A频率与B频率两只飞机而不受对方干扰。

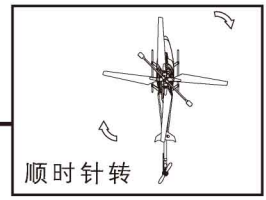


切换开关

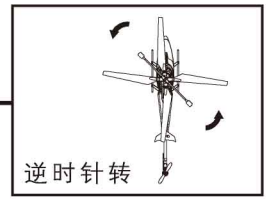
该机具有初学者及能手两飞行模式

1.初学者模式
(出厂默认状态)

2.能手模式：按下遥控器的右下方切换开关，飞机就进入能手模式，让你增加飞行乐趣。



当直升机机尾出现顺时针旋转时，你可以逆时针旋转你手中遥控器微调旋钮直至平衡。



当直升机机尾出现逆时针旋转时，你可以顺时针旋转你手中遥控器微调旋钮直至平衡。
机尾朝向操控者。

检修程序

问　题	原　因	解决办法
直升机 没有反应	1. 直升机电量不足。 2. 遥控器电量不足。 3. 遥控器的通道选择与直升机对码不一致。 4. 直升机陀螺仪没有找到中点。	1. 对直升机进行充电。 2. 更换遥控器电池。 3. 调整遥控器直升机通道，使其一致。 4. 将直升机平放在地上，待直升机陀螺仪打到中点后再启动遥控器。
直升机 飞行反应 不灵敏	1. 受阳光或强烈光线照射影响。 2. 有相同频率的遥控器在发射干扰。	1. 将直升机移至没有阳光或强烈光线照射的地方。 2. 换一个没有相同频率发射干扰的地方。

配件（选购）

下列是可供选择的配件，为方便客户选购，特出每个部件。可通过当地的经销商购买配件。

S033G-01
机头

S033G-02
主架

S033G-03
电池主架

S033G-04
起落架

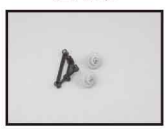
S033G-05
主风叶

S033G-06
尾风叶

S033G-07
连接扣

S033G-08
上风叶夹

S033G-09
下风叶夹


S033G-10
传动齿轮组件

S033G-11
机尾饰件

S033G-12
平衡杆

S033G-13
齿轮A

S033G-14
齿轮B

S033G-15
灯光电路

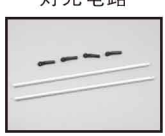
S033G-16
灯光饰件

S033G-17
主架合金片

S033G-18
电机护片

S033G-19
主轴

S033G-20
机尾主管


S033G-21
尾撑管

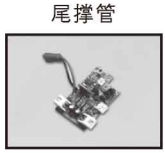
S033G-22
尾电机组件

S033G-23
主电机A

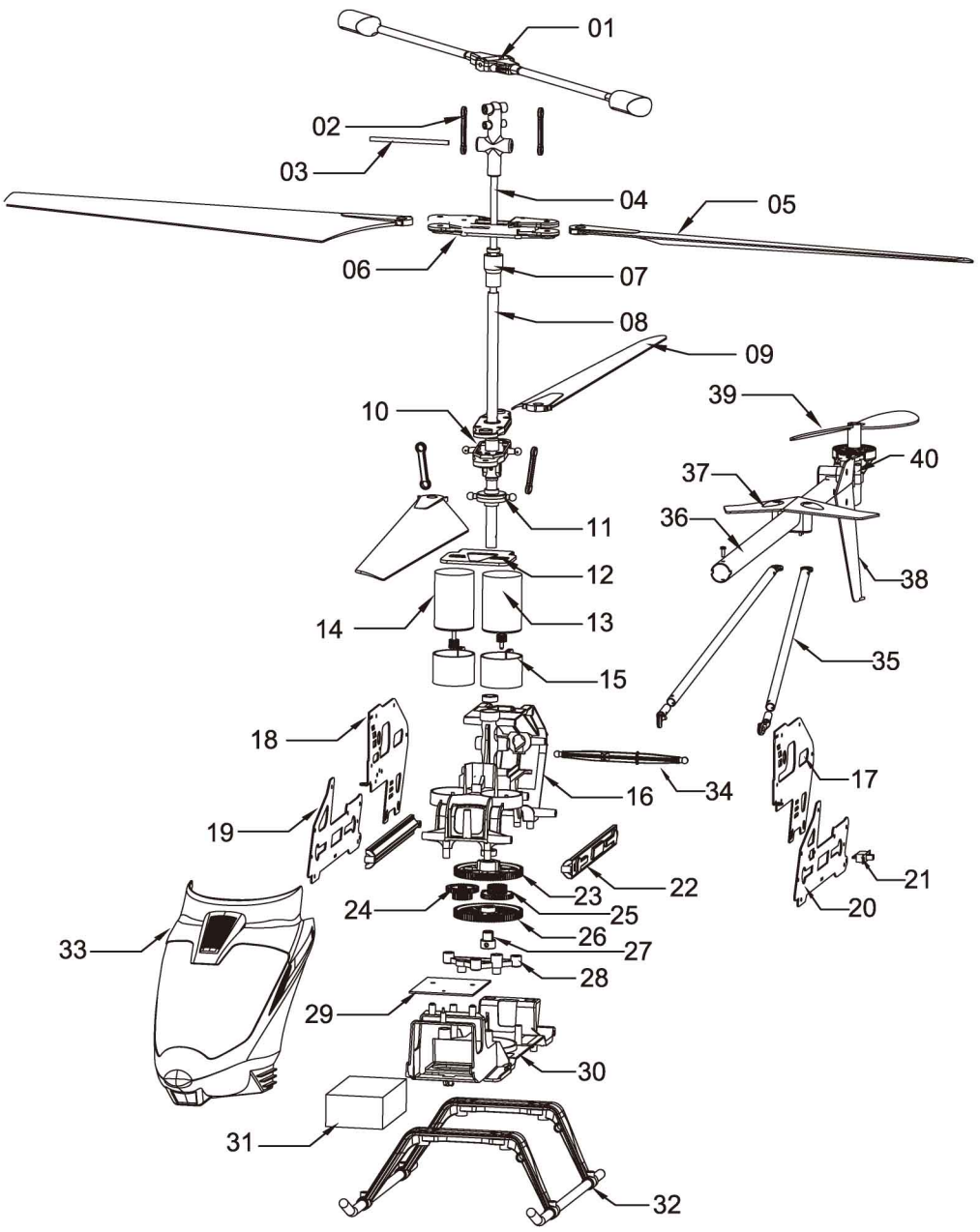
S033G-24
主电机B

S033G-25
尾电机

S033G-26
电池


S033G-27
接收板

明细图解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编号	产品名称	数量
01	平衡杆	
02	连接扣	
03	台阶螺丝	
04	主轴	
05	上风叶	
06	上风叶夹	
07	轴承套	
08	不锈钢管	
09	下风叶	
10	下风叶夹	
11	限位铜套	
12	主架饰件	
13	主电机A	
14	主电机B	
15	电机散热套A	
16	主架	
17	上右铝片	
18	上左铝片	
19	下左铝片	
20	下右铝片	
21	开关	
22	灯条	
23	下风叶牙轮	
24	过渡牙轮1	
25	过渡牙轮2	
26	上风叶牙轮	
27	牙轮限位铜套	
28	三角压片	
29	接收板	
30	底架	
31	电池	

编号	产品名称	数量
32	脚架	
33	机头	
34	机头扣件	
35	尾撑管	
36	尾铝管	
37	平尾	
38	垂尾	
39	尾风叶	
40	尾保箱	