AGES 14+

Gyroscope System

S36

2.4G R/C Helicopter

Main characteristics

- Die-cast structure is applied, makes the action of this helicopter more flexible with stable flying performance.It can be flied indoor.
- Built-in Gyro stabilizer can ensure accurate positioning in the air.
- Modular design structure is applied, more simple for assembly and convenient for maintenance.

The materials and specification mentioned in this instruction manual or the parts inside this package is for reference only.Our company won't be responsible for any adaption of the outer package.Nor shall we keep our customers informed in advance. Any information updated or changed,please be subject to the website of Syma flying model company.

PREFACE

Dear customers:

Hello!

Thank you for purchasing our flying model.Please read this instruction manual carefully in order to master the skill required in order to master the skill more quickly and operate this product more safely.In the mean time, please well keep the original of this instruction manual for future reference.

IMPORTANT INSTRUCTION

1.This product is not a toy but one precisive equipment that integrating mechanics and electronics with expertise of aerodynamics and high-frequency transmitting.It requires to be correctly assembled and debugged so as to prevent the accident from being happened.The product owner should operate or control it in safe way.Please noted that we won't take any responsibility for any wrong operation as this may result in severe injury or loss of property and we can not control the operating process during the time when the user assemble or use this product.

2.This product is suitable to be used by people who has operating experience in flying model or age no less than 14 years old.

3.The flying ground we required should be the local field and legal for remote control flying.

4.Once this product is sold , we won't be responsible for any safety responsibility during the time the user operates or uses or controls this product.

5.If there is any problem occurred during the time of using, operating or repairing, please reach our sales agent for details.The sales agent that we authorized will provide you with the technical support and after-sale service.

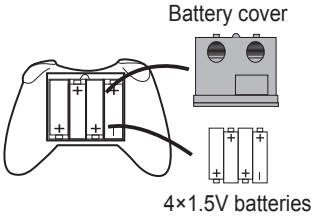
SAFETY & CAUTIONS

This R/C flying model is one high dangerous commodity.Please make sure that it should be flied far away from the crowd.Please also pay more attention to the phenomenon such as incorrect assembly or damaged model or incorrect connection of electronic control equipment.Please also pay attention to the flying safety when operating and know more about the accident that may be happened due to your own negligence.

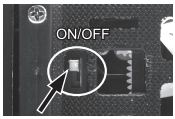
1. Keep it far away from the barrier or crowd.
2.Keep it far away from the moisten environment.
3.Use this product correctly and avoid operating by your own.
4. Keep it far away from the high-speed rotating part and heat source.
5. Please conform to the sequence of power ON/OFF.As the picture below shown, incorrect sequence of power ON/OFF may cause this product out of control and affect your own safety or others. Please form a good habit of switching on or switching off this product correctly.

BATTERY INSTALLATION AND CHARGING

Battery Installation



Unscrew and remove battery cover from R/C unit, insert 4 'AA' batteries, noting polarity indicators. Replace battery cover.

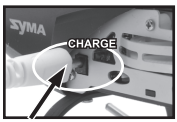


ON/OFF Switch

Charging Helicopter

A. Remote control charging

B. Computer charging



Charge port
Plug wire in helicopter

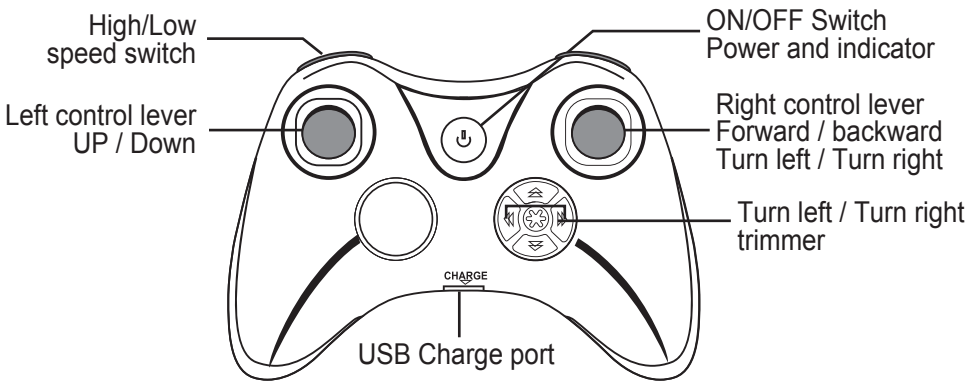
WHEN CHARGING BE SURE TO TURN THE WITCH ON HELICOPTER TO "OFF"

(A) Charging helicopter with Remote Controller: plug provided USB cord into R/C and into helicopter. Turn on R/C, the light on the USB plug will light up until the helicopter is fully charged – light will turn off when fully charged. A full charge takes approximately 70 minutes.

(B) Charging helicopter with computer: plug provided USB cord into computer and into helicopter. Turn on R/C, the light on the USB plug will light up until the helicopter is fully charged –light will turn off when fully charged. A full charge takes approximately 60 minutes.

Charging it for 60-70 minutes and you can fly about 5-6 minutes!

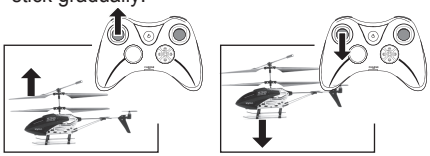
GET TO KNOW YOUR TRANSMITTER



BATTERY LOADING FOR HELICOPTER AND READY TO FLY

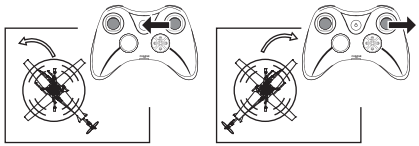
Hover up and down

Learn how to hover (fly in place) first-once you've mastered this operation, flying is easy. Once you can hover, try moving up and down with the throttle stick (left). Move the throttle stick gradually.



Turn left,turn right

Pull the direction control lever to the left or to the right, the helicopterwill turn to the left or to the right.

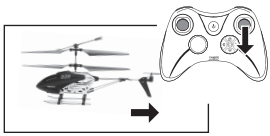


Forward

Push the right control throttle up - the nose of helicopter will point downward, the tail motor will activate, and the helicopter will fly forward.

Reverse

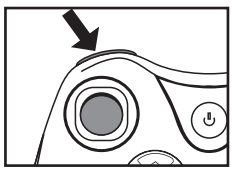
Pull right control throttle down – the nose of helicopter will point upward, the tail motor will activate, and the helicopter will fly backward.



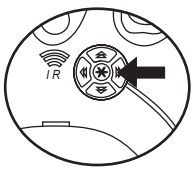
High/Low speed Function

Low Speed:Press the High/Low speed switch key for one time, the buzz will send out one sound.

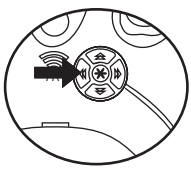
High Speed:Please press the High/Low speed switch once again, the buzz will send out two sounds.



Calibration Trim Control: if the helicopter is turning excessively to the right or left, or turning out of control, adjust the trim control button using the instruction below.



If helicopter rotates counter-clockwise…Continually push right R/C calibration until excessive turning stops.



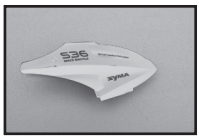
If helicopter rotates clockwise…Continually push left R/C calibration until excessive turning stops.

OVERHAUL

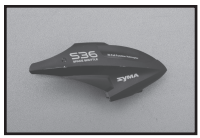
Problem	Reason	Solution
No response from the helicopter	1.Insufficient power with the helicopter. 2.Insufficient power with the transmitter, power indicator keeps flashing. 3.The band of the transmitter does not correspond to the decoding of the helicopter.	1.Please charge to the helicopter. 2.Replace the battery inside the transmitter. 3.Adjust the band on the transmitter and keep it the same as the helicopter.
The helicopter's response is not smart.	1.Insufficient power with the transmitter. 2.Transmitter of the same frequency is used nearby.	1.Replace the battery. 2.Change to another place where there is no the same frequency interfering with it.

PARTS (OPTIONAL)

Below are the parts available for your kindly selection.In order to facilitate our customers for placing an order, we specially offer all kinds of parts for your kindly selection.You can buy these parts via our local agent as well.

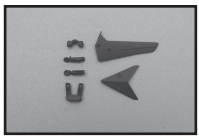


S36-01A
Head Cover(White)



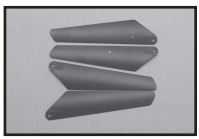
S36-01B
Head Cover(Black)

S36-02A
Tail decoration (White)

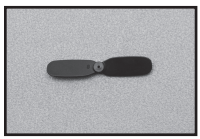


S36-02B
Tail decoration (Black)

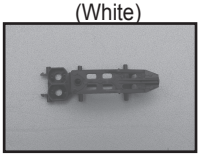
S36-03A
Main blades(White)



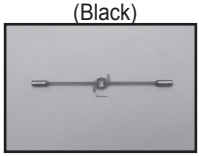
S36-03B
Main blades(Black)



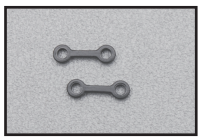
S36-03C
Tail blade



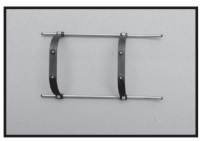
S36-04
Main frame



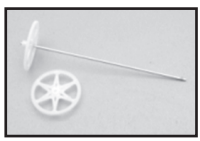
S36-05A
Balance bar



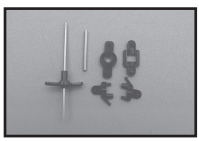
S36-05B
Connectine buckle



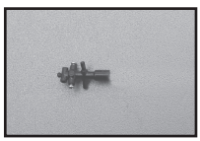
S36-06
Tripod



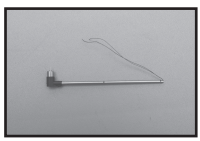
S36-07
Gear assembly



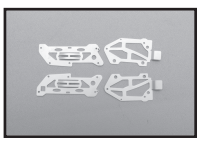
S36-08
Upper / Down blade clip



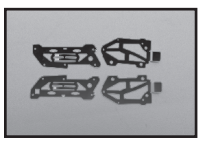
S36-09
Main seat



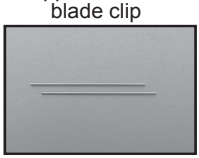
S36-11
Tail assembly



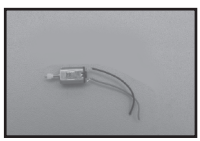
S36-12A
Aluminum plate assembly (Silver)



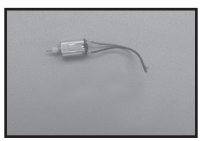
S36-12B
Aluminum plate assembly (Black)



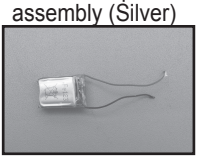
S36-12C
Tail supporting tube assembly



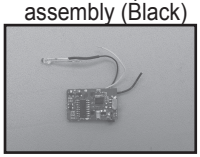
S36-13A
Main motor A



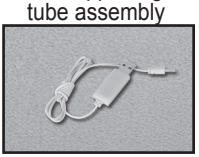
S36-13B
Main motor B



S36-14
Battery



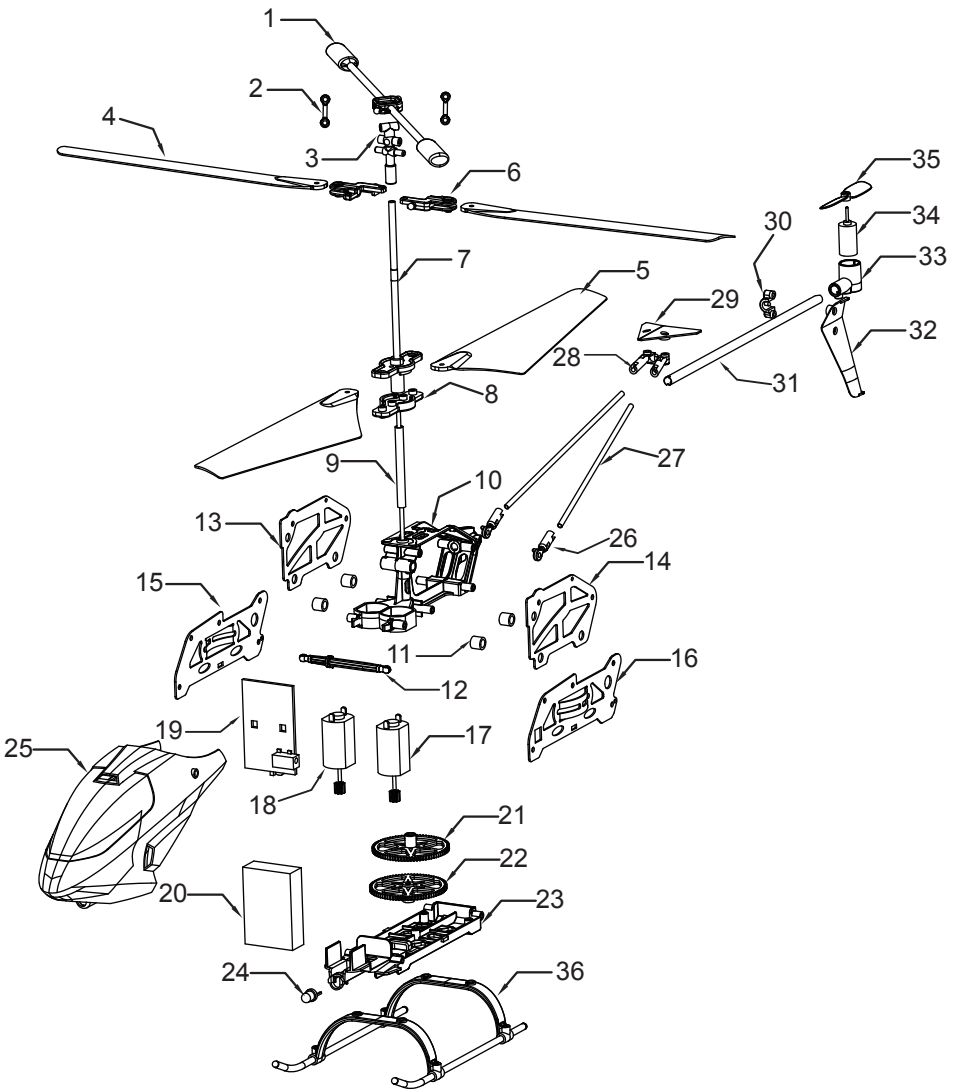
S36-15
Receiving board



S36-16
USB Charge Cable

S36-17
Transmitter

BREAKDOWN & DIAGRAM



Number	Product Name	Quantity
01	Balance bar	1
02	Connetine backle	2
03	Spindle seat	1
04	Upper blade	2
05	Down blade	2
06	Upper blade clip	1
07	2.0 Stainless steel tube	1
08	Down blade clip	1
09	2.5 Stainless steel tube	1
10	Main frame	1
11	Stop collar	4
12	Head fixing part	1
13	Up left aluminum plate	1
14	Up right aluminum plate	1
15	Down left aluminum plate	1
16	Down right aluminum plate	1
17	Up blade motor	1
18	Down blade motor	1
19	circuit board	1
20	battery	1
21	Down blade gear	1
22	Up blade gear	1
23	Base rack	1
24	LED light	1
25	Head cover	1
26	Tail decoration	2
27	Tail supporting tube	2
28	Tail balancing weight	1
29	Tail balancing	1
30	Tail dangling connecting	1
31	Tail tube	1

Number	Product Name	Quantity
32	Tail dangling	1
33	Tail gearbox	1
34	Tail motor	1
35	Tail blade	1
36	Tripod	1

MAIN PARAMETER

Diameter of main rotor: 197mm

Length of fuselage:240mm

Width of fuselage: 45mm

Height of fuselage: 110mm

Code of main engine:M20x2

Code of negative engine:Ø6

Battery: 3.7V/150mAh

Gyroscope: Tail-locking gyro