



# FIRESTORM

## R/C HELICOPTER USING INSTRUCTION



- *intelligentized R/C system.*
- *full scale remote control.*
- *360° exact directional.*
- *smooth hang performance.*
- *newly designed electricity saving function.*
- *safeguard battery model to prolong the uses life.*

**NO. 25042**

*Please read the instructions carefully before use.[Please read the Notice in details.]Please retain the instructions for future reference.*

# 1. Main technical index of the R/C helicopter

## YZ58010 Main technical index

Fuselage length: 180mm

Main rotor diameter: 175mm

Weight: 19g

Operational range: about 10m

Charge time: about 30 minutes

Flying time: above 11 minutes

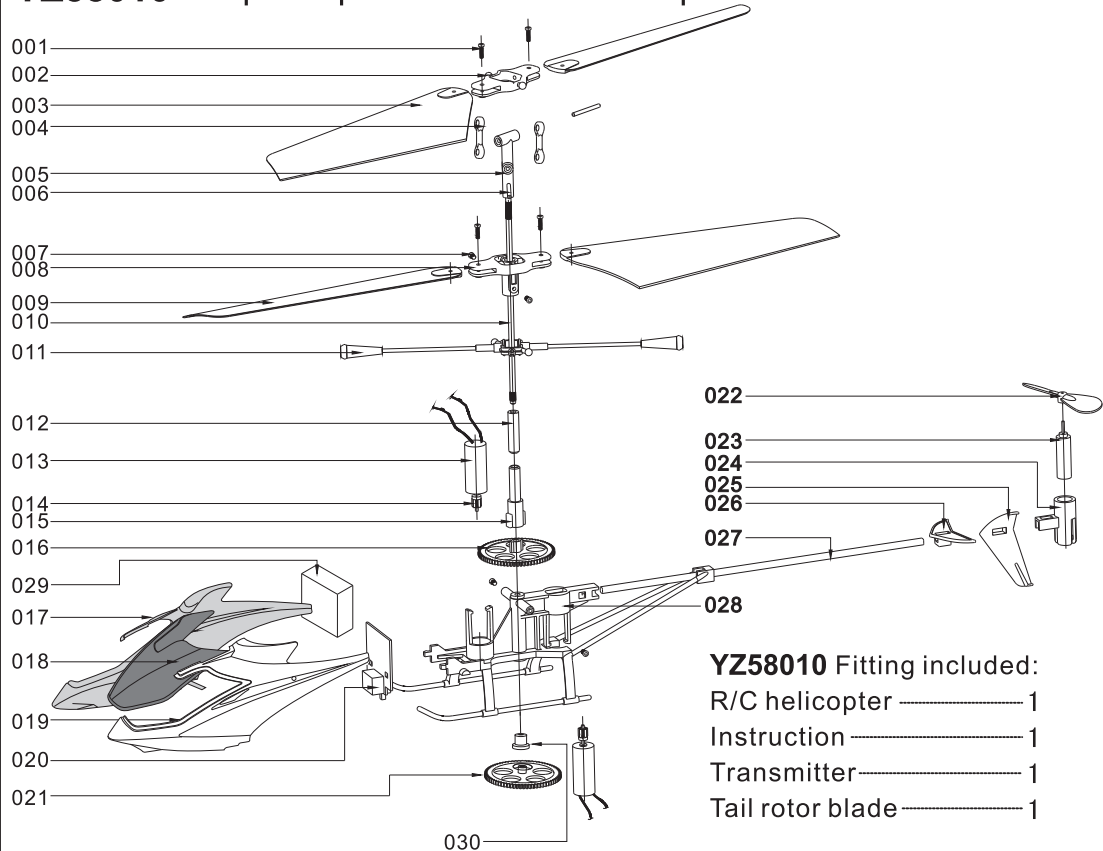
## Use batteries/charger

1. Helicopter batteries: Li-Polymer 3.7V

2. Transmitter batteries: AA " 1.5V x 6" (additional purchase )

# 2. Parts of the names and accessories sales

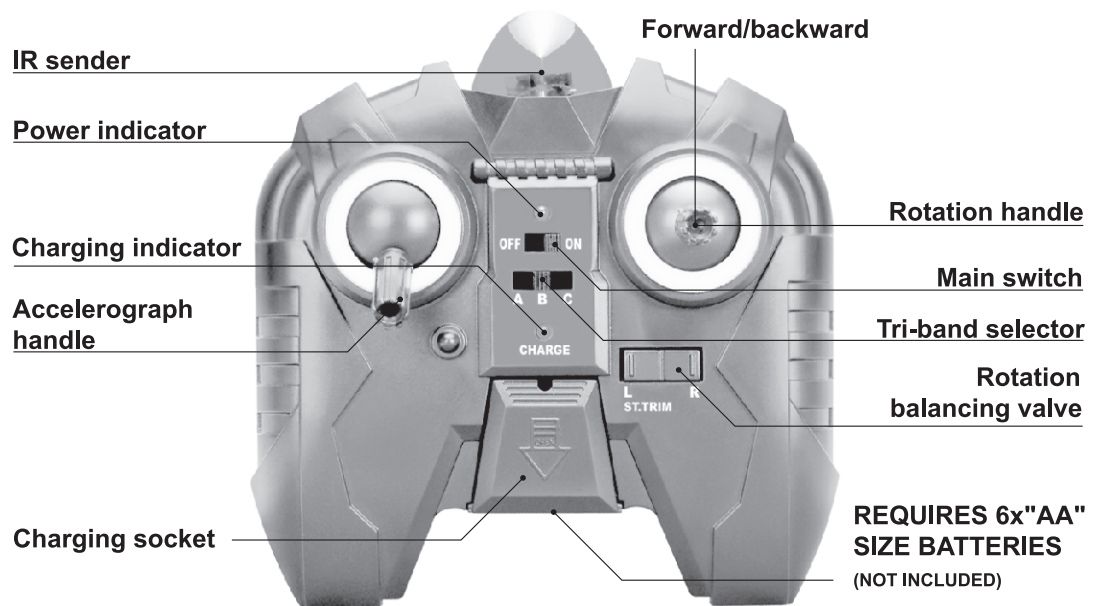
## YZ58010 the parts pictures of r/c helicopter



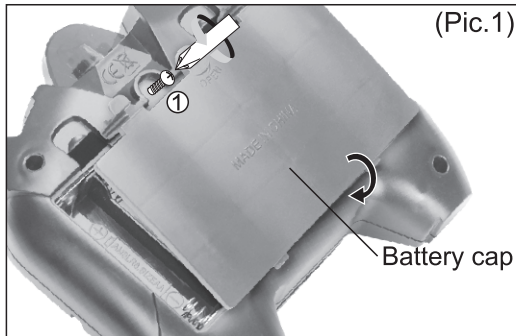
NO.	Names of the parts	Amount	NO.	Names of the parts	Amount
001	Machine screwPMØ1.0X4.0	4	016	<b>58010</b> Ascending gear	1
002	<b>58010</b> Descend inner shaft	1	017	<b>58010</b> The right Machine hull	1
003	<b>58010</b> Main rotor blade B	2	018	<b>58010</b> Transparent window	1
004	<b>58010</b> Connect pole	2	019	<b>58010</b> The left Machine hull	1
005	<b>58010</b> Principal axis	1	020	Receive PCB plank	1
006	<b>58010</b> Fix stalk	1	021	<b>58010</b> Underside gear	1
007	screw PMØ1.2X5	2	022	<b>58010</b> Tail rotor blade	1
008	<b>58010</b> Descend inner shaft	1	023	<b>58010</b> Tail motor	1
009	<b>58010</b> Main rotor blade A	2	024	<b>58010</b> Motor set	1
010	Central axis	1	025	<b>58010</b> Perpendicular wing	1
011	<b>58010</b> Stabilizer bar set	1	026	<b>58010</b> Level wing	1
012	<b>58010</b> Fix collar with holes	1	027	Tail beam	1
013	<b>58010</b> Main motor	2	028	<b>58010</b> Main frame	1
014	Motor tooth	2	029	3.7V Li-polymer battery	1
015	<b>58010</b> Spread to move stalk	1	030	Meson	1

### 3. Instructions of Remote Control

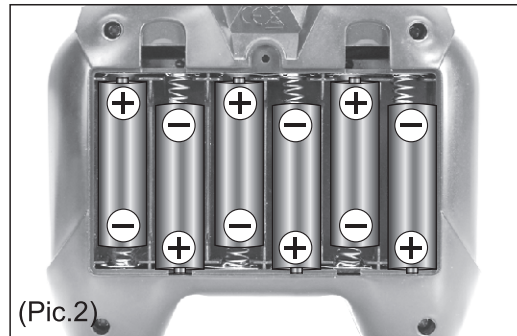
#### 1. Remote Control



## 2. Instructions for installing remote controller's battery



① Make screw anticlockwise take out, opening a battery cover. (Pic.1)



(Pic.2)

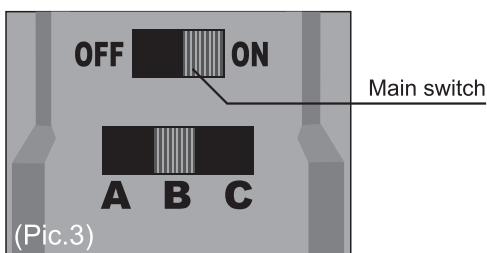
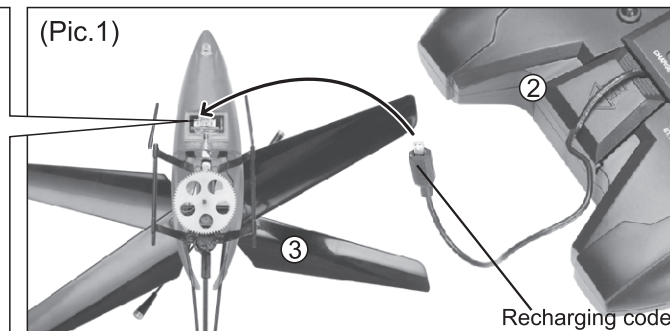
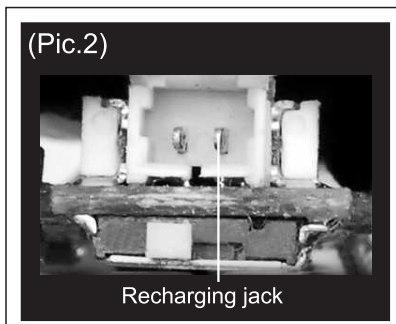
② As indicated inside the cap and correctly set the anode and cathode, install six alkaline batteries of AA size in it. (Pic.2)

## 4. Helicopter Charging Instructions

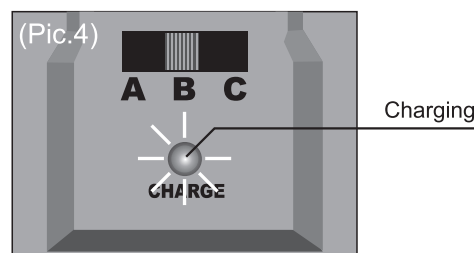
Notice: when it is needed to recharge the mechanic insect after it flies, please lay it there for 10 to 15 minutes so as to cool down the battery.

- ① Turn off the switch of the helicopter and remote control.
- ② Pull out the plug from the control front. (Pic.1)
- ③ Insert the plug carefully into the bottom of the helicopter. (Pic.2) The plug cannot be inserted forcefully. It can be easily inserted into jack if operated properly. Otherwise, the helicopter might be destroyed and it is very dangerous.
- ④ Set the switch of the remote control to ON. (Pic.3)
- ⑤ The remote control refreshes a charging indicator to shine. (Pic.4)
- ⑥ Refresh the charging indicator is after put out, the charge-up is over.

Before the helicopter flies, turn on the switch of the remote control. (Set it to ON)  
It can fly above 8 minutes if it is recharged for 30 minutes.



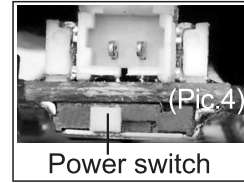
(Pic.3)



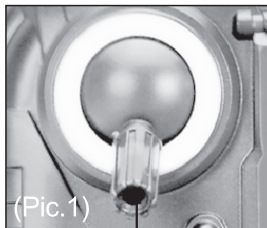
(Pic.4)

## 5. Helicopter flying Instructions

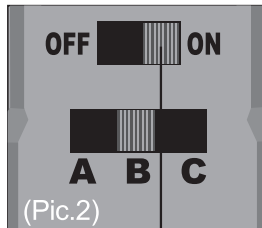
- ① Before setting the main switch of the remote control to ON, fix the accelerograph handle at the descending position (the lowest position). (Pic.1)
- ② Set the main switch of the remote control to ON. (Pic.2)
- ③ POWER LED of the remote control lights up. (Pic.3)
- ④ Set the drive switch of the helicopter to ON. (Pic.4)
- ⑤ Place the helicopter with its tail facing you on the ground. (Pic.5)



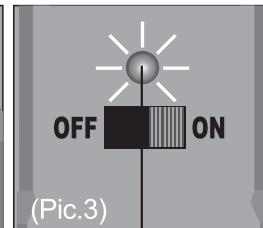
Power switch



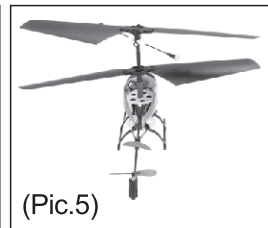
Regulating handle



Main switch



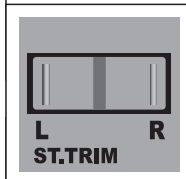
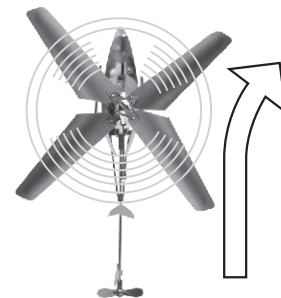
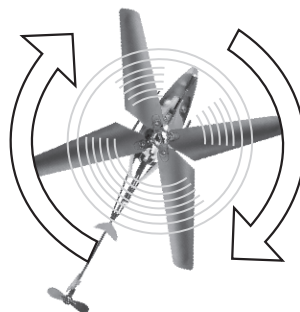
LED (lighting up)



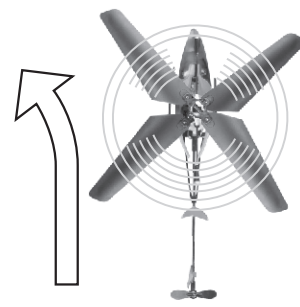
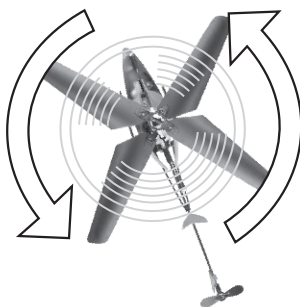
### (1) Left-right rotation balancing valve adjustment

When the helicopter rolls, please use the left-right rotation balancing valve to adjust it. Press the accelerograph handle slowly and let the mechanic insect fly 0.5 to 1 meter higher.

When the helicopter rotates to fly to the right or turns to the right, please turn the left-right rotation balancing counter-clockwise until the helicopter flies in straight line.



When the helicopter rotates to fly to the left or turns to the left, please turn the left-right rotation balancing valve clockwise until the helicopter flies in straight line.

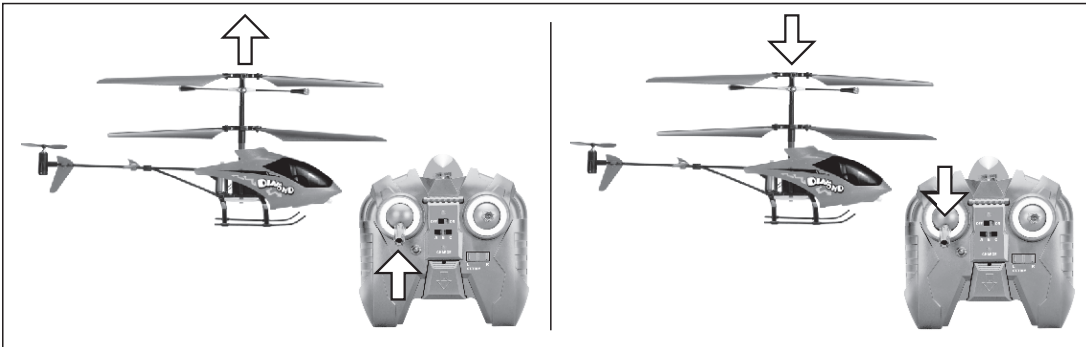


※ Although the balancing valve can be used to adjust, the rotation cannot be completely stopped only by it. During flight, it is necessary to use the left-right rotation handle to adjust it.

## (2) Methods for controlling flight

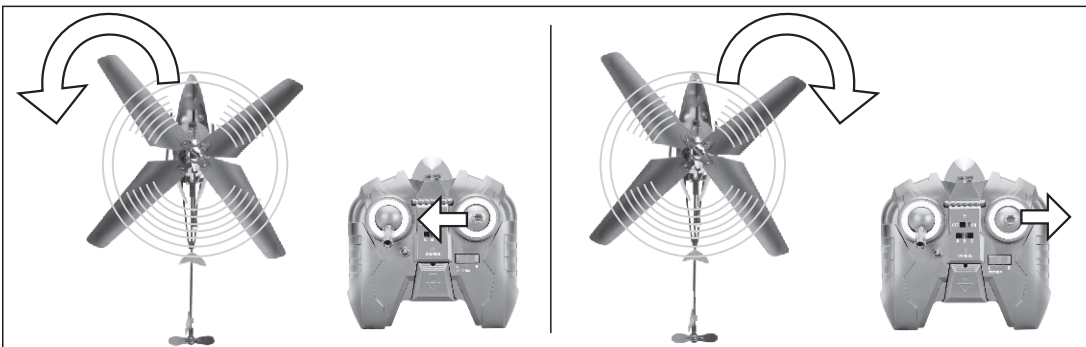
### Ascending and descending

When the helicopter is flying steadily, it will fly higher if you push the accelerograph handle forward slowly. If you want to reduce the flight height, you only need to push the accelerograph handle downward a little. In order to keep it flying steadily and smoothly, the accelerograph handle should be pushed slowly.



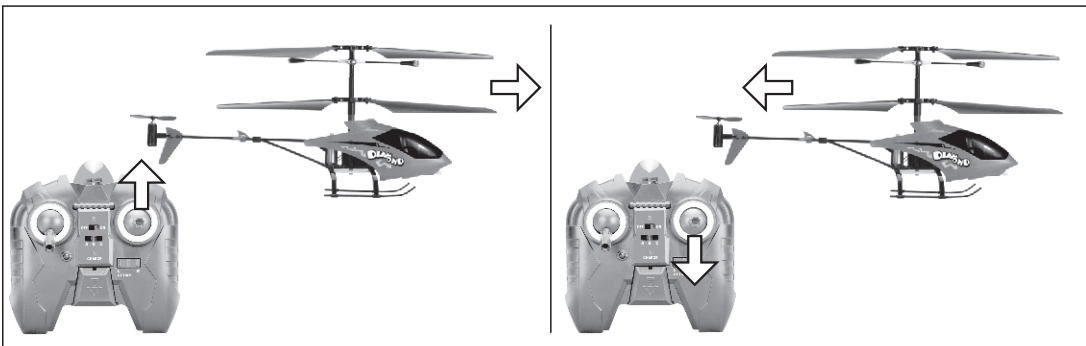
### Left-right rotation

At first, let the helicopter fly smoothly in the air. If you want to let it turn to the left, push the rotation handle to the left. If you want to let it turn to the right, push the rotation handle to the right.



### Forward and backward

At first, let the helicopter fly smoothly in the air. If you want to let it move forward, push the rotation handle to up. If you want to let it move backward, push the rotation handle to down.



### (3) Flying-off method (after adjusting the left-right change direction balancing valve)

- Lay the helicopter at a flat place. If the surface is not flat, it might not be able to fly off.
- Push high the accelerograph handle slowly.
- Please do not look at the remote control. Focus on the helicopter.
- After the helicopter starts flying, push back the accelerograph handle a little at once. Adjust the accelerograph handle to maintain the helicopter at a certain height.
- When the helicopter descends, push upward the accelerograph handle slowly.
- When the helicopter ascends, push downward the accelerograph handle slowly.
- When it turns, adjust the left-right rotation handle a little.  
(The beginners might use too much force. Please be careful)

### (4) Flight place

Please choose the following places to play with it.

- ① Please avoid the indoor rooms where air stream flows or the places where the air-conditioner and heating system works.
- ② The indoor space at least is 3 meters wide and 2 meters high.
- ③ The indoor space at least is 3 meters wide and 2 meters high.

## 6.Regulation

- When the helicopter, push the accelerograph handle of the remote control quickly downward.
- Please do not play with it in direct sunshine or strong lighting. It might affect the control system.
- Please do not cover the IR sender of the remote control. Otherwise, the signal can not be sent to the helicopter.
- Please do not paste the label or notepaper on the helicopter. Otherwise, the helicopter cannot receive the IR signal as well. In addition, it might not be able to fly for overload.

## 7.Safety Notices

- Before playing with the helicopter, please read through the instructions book.
- This product is used indoors exclusively.
- Before using it, please keep 1-2 meters away from the helicopter.
- During flight, focus your sight on the helicopter.
- It is prohibited to decompose or reconstructure the helicopter. Otherwise, damage or wound might occur upon it.
- Please do not approach the running accessories with your hands or face. Otherwise, you might be hurt. When you sit on floor or chair, please do not use the helicopter.
- When the remote control is placed somewhere else, please set the switch of the helicopter and the remote control to OFF.
- Young kids should not use it. Otherwise, they might be hurt by the running accessories.
- Please do not use it if it breaks.

## 8.Problems & Solutions

**Problem:** The rotary wing does not rotate.

**Reason:**

- ON/OFF switch is set to the OFF.
- Low battery.

**Solution:**

- Set the switch to ON.
- Recharge the battery.

---

**Problem:** The helicopter suddenly stops to fall.

**Reason:** Low power.

**Solution:** Recharge the battery.

---

**Problem:** The controller does not work.

**Reason:**

- Disturbed by other IR devices
- By strong light.

**Solution:**

- Keep away from other IR devices
- Move to other places.

---