

# **Introduction Manual**

2.4GHz Transmitter

T80300A

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# **1 Introduction**

Thank you for choosing 2.4G radio remote control digital products, if you are the first time to use this type of products, please read this statement carefully and strictly in accordance with the requirements of operation. You could refer to the manual if you meet any problems during the operation. Please well keep the manual after use because you might have to use it again next time. Once again, thanks for buying our products.

## 2 Satey Guides

Don't fly in night, bad weather such as rainy or thundering days. It will interfere the transmitter signal. Thereby it will create out of control and unexpected accident.

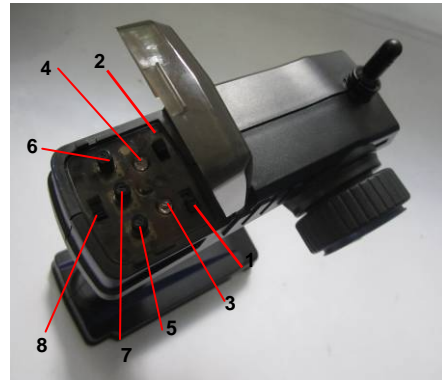
Before you fly, please make sure the movement of server correspond with the direction of joysticks. If inconsistent, please adjust before fly.

You need to turn the throttle channel(ch2) and inching switch to the lowest before you use. Then switch on the transmitter power, finally connect the receiver.

The sequence to shutdown is that turn off the receiver power first, and then the transmitter power.

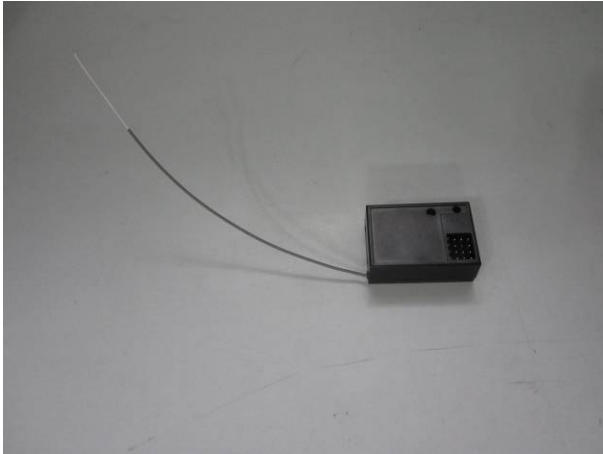
If the above operations are reverse, it might lead to uncontrolled and cause Accident.

### 3 Each Parts of the Transmitter

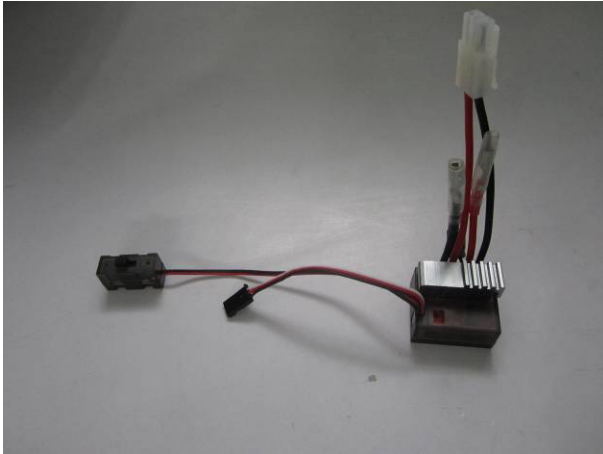


1. TH REV
2. ST REV
3. POWER CHECK
4. POWER LED
5. TH TRIM
6. ST TRIM
7. ST DIR
8. POWER SW
9. 2.4G ANT
10. STEERING WHEEL
11. THROTTLE TRIGGER
12. BAT BOX

## 4 Receiver unit



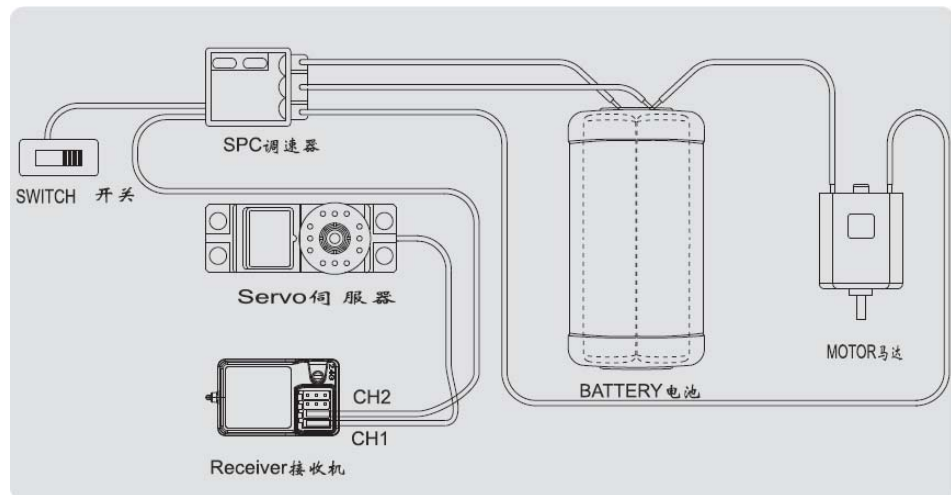
## 5 Electronic Governor



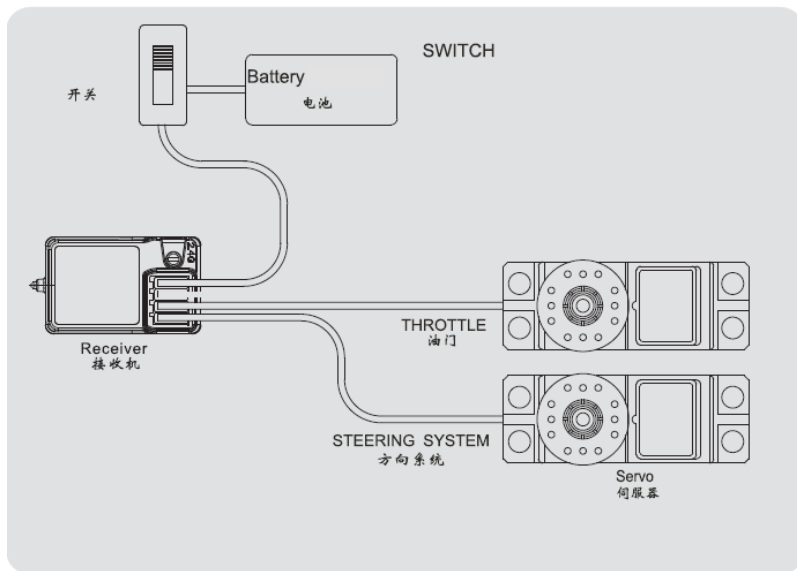


## 6 Digital Proportional Radio Control System

### 6.1 Installation when a motor controller is used



## 6.2 Installation for Gas powered models



## **7 2.4G Operation Notes**

### **7.1 Matching**

Our products are well matched in the factory, you do not need to match by yourself. But if you are going to match the receiver with other transmitter, or you need to change a new receiver or transmitter, please follow the following steps:

- A. Install the battery to 2.4G transmitter and shut it down
- B. Insert the matching lines to the channel BIND/CH3 port of the receiver.
- C. Connect the receiver battery to VCC port of the receiver, on the same time the two LED are flashing and this means the receiver are going to the matching status.
- D. Press and hold the button on the transmitter, and then switch on the power supply.
- E. Observe the LED on the receiver, if find that the LED is

not flash anymore and that means successful Matched.

- F. Release the match button on the transmitter, take out the match line.
- G. Install the server and then test.
- H. If the tests fail, please repeat the action above.
- I. If the tests success, then insert the power supply port into VCC, match complete.

## 7.2 **Power on**

- A. Connect every part.
- B. Switch on the power supply of the transmitter.
- C. Connect the power supply of the receiver.
- D. Receiver LED light solid.
- E. Finish and use.

## 7.3 **Shut down**

- A. Cut off the receiver power supply.
- B. Cut off the transmitter power supply.

Specifications:

RF range: 2.407.8-2.470.8GHz;

RF power: less than 20dBm(100mW);

Code type: GFSK;

RX Sensitivity: -105dBm;

Antenna Type: Integral

Antenna gain: 2dBi

## **FCC station:**

1. 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.

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

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.