



6 CHANNEL RADIO CONTROL SYSTEM

INSTRUCTION MANUAL



MODEL : FS-CT6A

Digital' propouónai 'radio' control' system

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15+ 

WARNING:
This product is not suitable for children under 15 years.
警告：
本产品只适合15岁以上人员使用。

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1.Introduction

Thank you for choosing 2.4 G ratio 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, and hope that it brings happiness to you.


2.Services


If you found any problems during the operation process, please refer to the manual. If the problem still exist, you could contact our dealers to found out the way to solve. And you could also log on to our website service center:


[HTTP: WWW. FLYSKYCHINA. COM](http://www.flyskychina.com)

3. The special symbols

Please pay attention to the following symbols when it appears on the manual, and read carefully.

 **Danger:** If the operator does not operate by following the instructions, the operator may lead to serious injuries, even Mortal danger.

 **Warning:** If the operator does not operate by following the instructions, the operator may lead to serious injuries, even Mortal danger.

 **Attention:** If the operator does not operate by following the instructions, the operator may lead to minor injuries, but generally it will not cause serious injuries to the operator.



Prohibition



Mandatory

4. Safty guides



Do not fly in bad weather such as rainy or thundering to assure the safety of you and others.



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



You need to turn the throttle channel(ch3) and inching switch to the lowest before you use. Then switch on the transmitter power (red light or flashing means low battery),finally connect the receiver.



The Sequence to shut down is first turn the receiver power and the transmitter power.

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

5. Battery charging notes



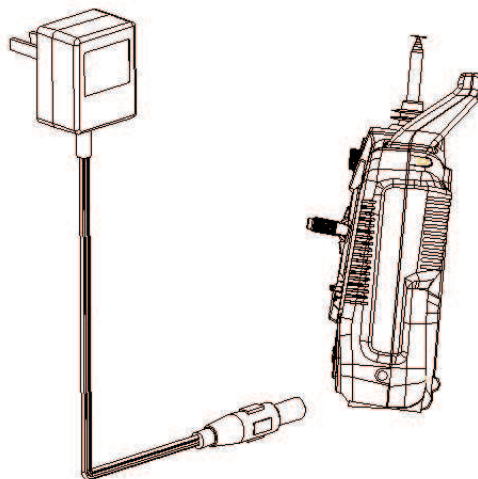
If your transmitter, receiver using a nickel-cadmium, nickel-metal hydride rechargeable battery, you have to well-check before you fly. If lack of electricity, it could happen those phenomenon like inadequate control or out of control, resulting accident. So please charge immediately when low in battery.



If you are using a nickel-cadmium, nickel-metal hydride batteries for recharging, please use our company dedicated charger. If the electrical current is too large and it may lead to temperature over-heated and cause fire burning accident. Please cut off the power supply immediately after recharging. Please take out the battery from the transmitter when you are not using it within a period, it is because the battery may damage the aircraft batteries, thus being exposed.。

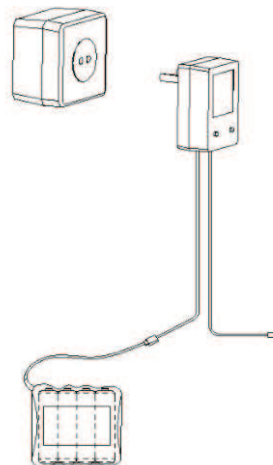
Transmitter charger:

1. Install the battery to transmitter with correct direction, and cover it.
2. Connect the charger to the main connector.
3. Connect the charger to the transmitter Connector.
4. Cut off the power supply immediately after Recharge completed.



Receiver charger:

1. Connect the charger to the main connector.
2. Connect the Rechargeable receiver with battery charger
3. Recharge completed, cut off the power supply immediately.



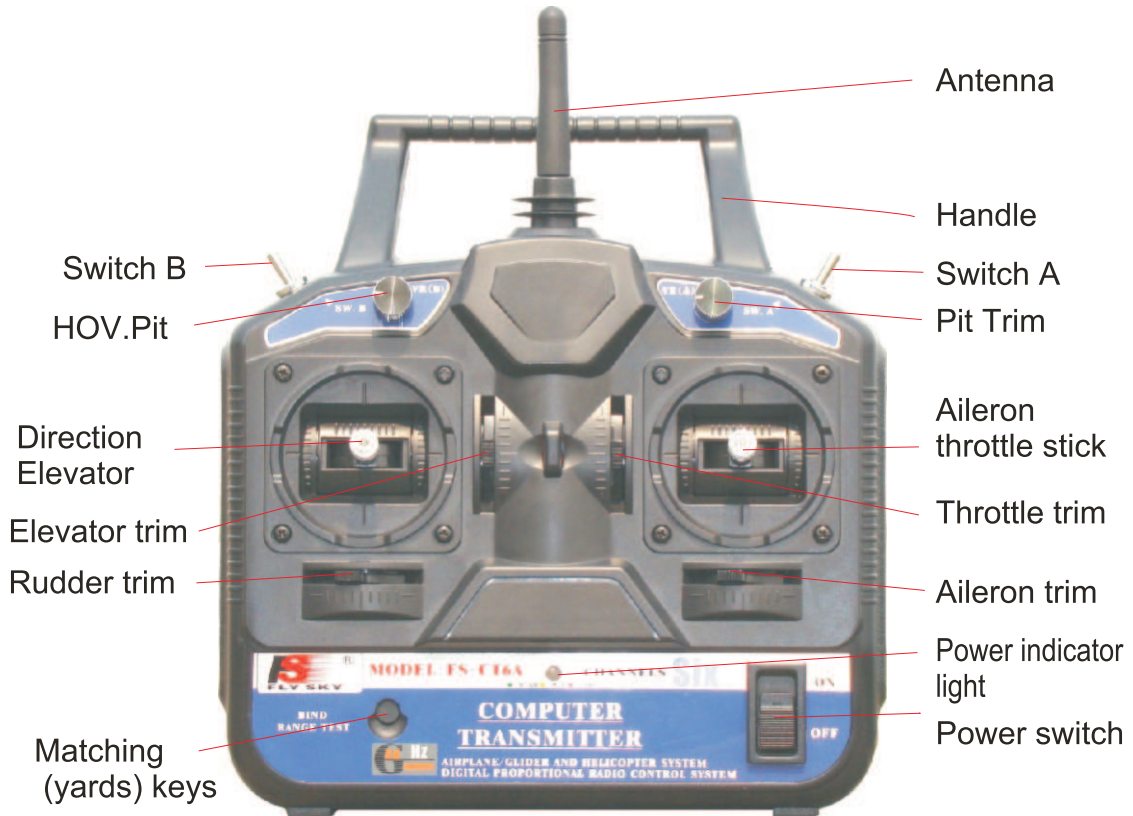
6. Transmitter parameters

- * Channels: 16
- * Charger port: Yes
- * Frequency band: 2.4GHz
- * Simulator port: PS-2
- * Power resource: 1.5V*8 "AA" Battery
- * Program type: GFSK
- * Modulation type: FM
- * RF power: 19db
- * Static current: $\leq 250\text{mA}$
- * Voltage display type: LED
- * Size: 189*97*218mm
- * Weight: 575g
- * Color: black
- * Antenna length: 26mm
- * Heli-140/Heli-120/Heli-90/Acro
- * Sub Trim: Yes
- * Thro Cuv: Programmable
- * Pith Cuv: Programmable
- * Support multiple user model
- * Support trim movement
- * Support rudder angle overturned
- * Support rudder angle adjustment
- * Support both hand software adjustment
- * Support swashplate adjustment
- * Support programmable channel output

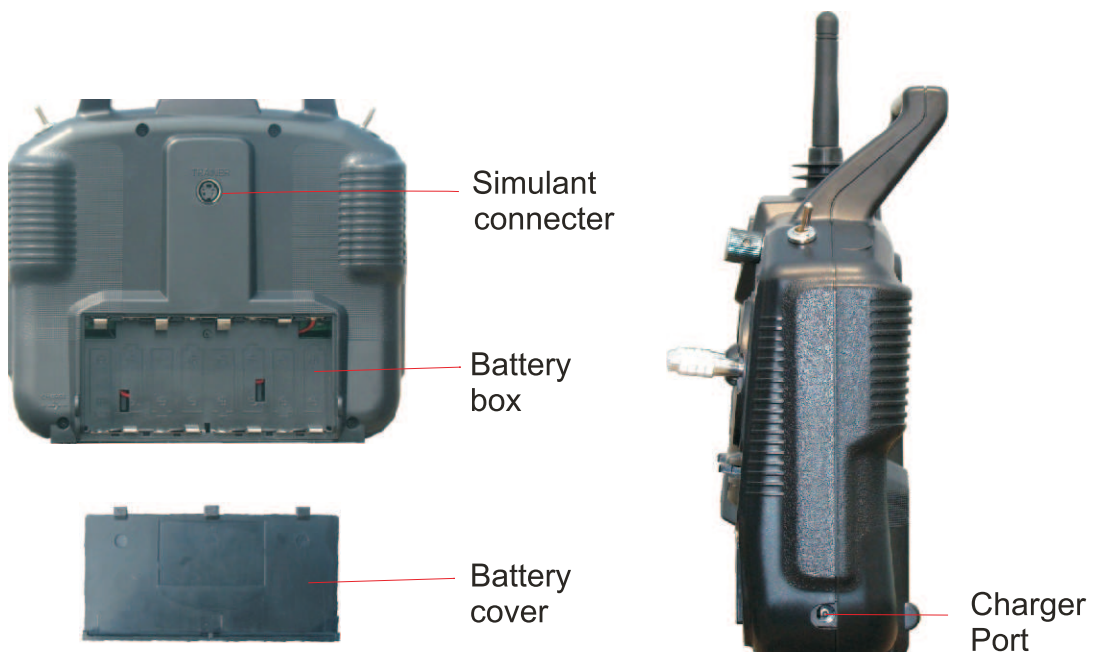
7. Receiver parameters

- * Channels: 16
- * Frequency band: 2.4GHz
- * Power resource: 1.5V*4 "AA" Battery
- * Program type: GFSK
- * Modulation type: FM
- * RF Receiver sensitivity: -76db
- * Static current: $\leq 85\text{mA}$
- * Size: 45*23*13.5mm
- * Size: 25*16.8*6.5mm
- * Weight: 12g
- * Color: Gray semi-transparent
- * Antenna length: 26mm

8.Eachpartofthetransmitter



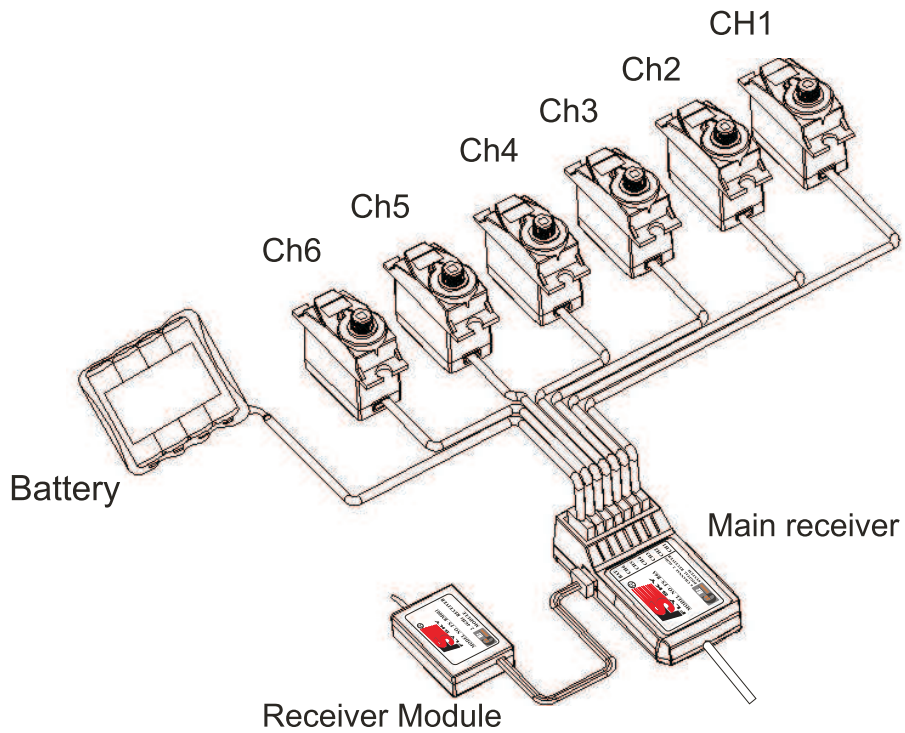
Front



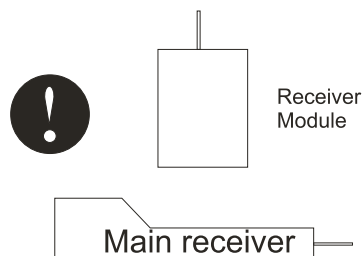
Back

Side

9.Receiverandserverconnectivity



When installing the receiver please make sure that two items showed 90 degree angle.



10. 2. 4G Operation notes

This is 2.4 G Frequency model products make of automatic address code. It use digital transmission mode, and this prevent outside interference effective active and passive.

10.01 Matching (code)

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

1. Install the battery to 2.4G transmitter and shut it down.
2. Insert the matching lines to the channel Bat port of the receiver. (Figure. 1)。
3. Connect the receiver battery to any one of the channel port, on the same time the two LED are flashing and this means the receiver are going to the match status.
4. Press and hold the button on the transmitter, and then switch on the power supply.
5. Observe the LED on the receiver, if found that the LED is not flash anymore and that means successful matched. (This process about 10s)
6. Release the match button on the transmitter, take out the match line.
7. Install the server and then test.
8. If the tests fail, please repeat the action above.
9. If the tests success, then insert the power supply port into BAT, match complete. (The above ways of match is only suitable on FLYSKY 2.4G products)

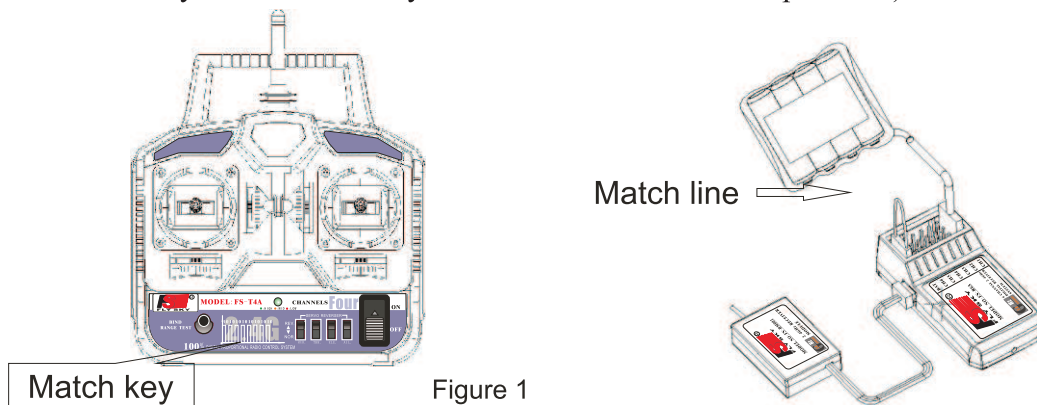
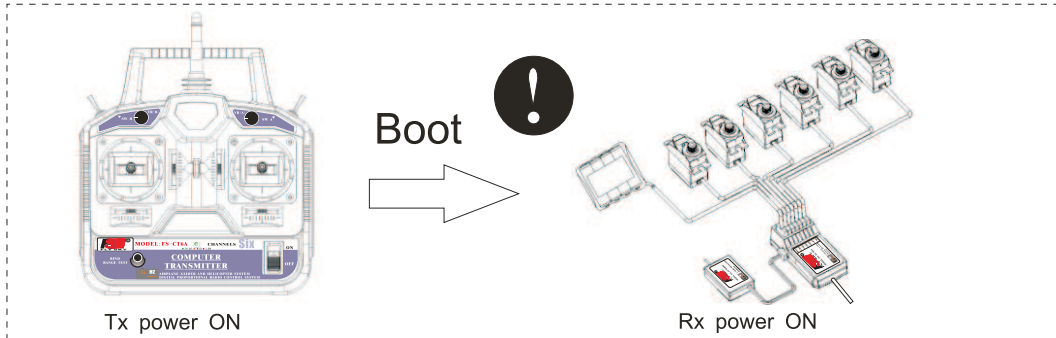


Figure 1

10.02 Boot

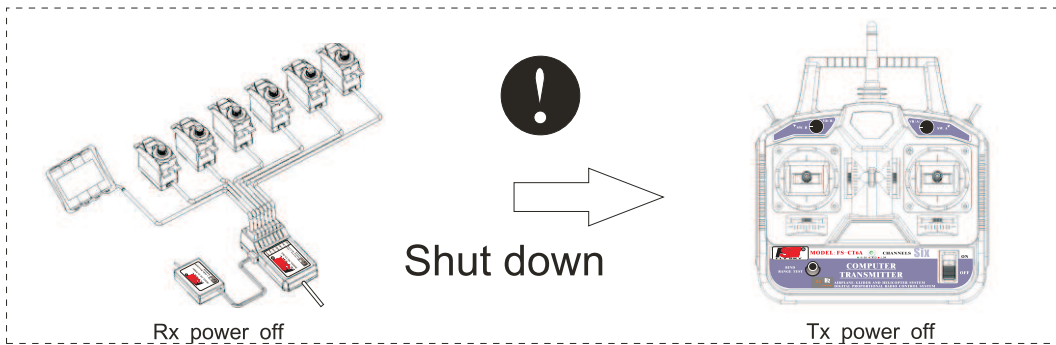
1. Connect every part.
2. Switch on the power supply.
3. Connect the power supply.
4. Receive LED light solid.
5. Finish and use.

2. 4G 6 Channelremotesystem



10.03 Shut down:

1. Cut off the receiver power supply.
2. Cut off the transmitter power supply.



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

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.