



FS-GT2

GT2

INSTRUCTION MANUAL



2.4 Hz
01010101

Digital propotional radio control system

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menu

1.Introduction.....	2
2.Services.....	2
3.The special symbols.....	3
4.Safety guides.....	3
5.Battery charging notes.....	4
6. Transmitter parameters.....	5
7.Receiver parameters.....	5
8.Receiver connectivity.....	6
9. 2.4G Operation notes.....	8
10.Each part of the transmitter.....	10
11.Transmitter function notes.....	11
12.Simulate.....	13
13.Exploded Drawing.....	14
14.Packaging with content list.....	15



MODELS: FS-GT2

Digital proportional radio control system

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.

FLYSKY






2. SERVICES

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

[HTTP:WWW.FLYSKY-CN.COM](http://www.flysky-cn.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.SAFETY 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.

5. BATTERY CHARGING NOTES



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



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.

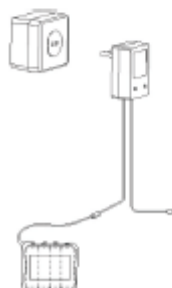
5. 01 Transmitter charger:

- Install the battery to transmitter with correct direction, and cover it.
- Connect the charger to the commercial power connector.
- Connect the charger to the transmitter Connector.
- Cut off the power supply immediately after Recharge completed.



5. 02 Receiver charger:

- Connect the charger to the commercial power connector.
- Connect the Rechargeable receiver with battery charger
- Recharge completed, cut off the power supply immediately.



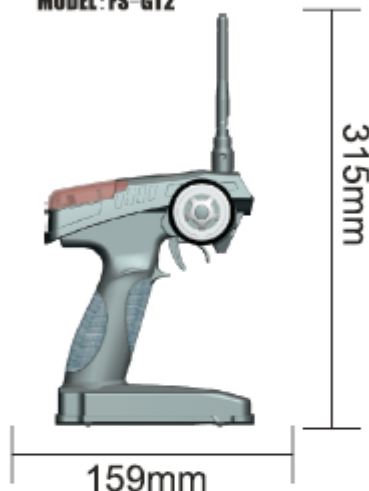
6. TRANSMITTER PARAMETERS

Specifications:

- A. channels: 2 channels;
- B. model type: car/boat;
- C. RF power: less than 20dbm
- D. modulation: GFSK;
- E. Code type: digital;
- F. sensitivity: 1024;
- G. low voltage warning: yes (less than 9V);
- H. DSC port: yes (3.5mm);
- I. Charger port: yes;
- J. power: 12vdc (1.5aa*8);
- K. weight: 328g;
- L. ANT length: 26mm;
- M. size: 159*99*315mm;
- N. color: black;
- O. certificate: FCC;

2.4 GHz
FCC/CE

MODEL: FS-GT2



7. RECEIVER PARAMETERS

2.4 GHz
FCC/CE

MODEL: FS-GR3A

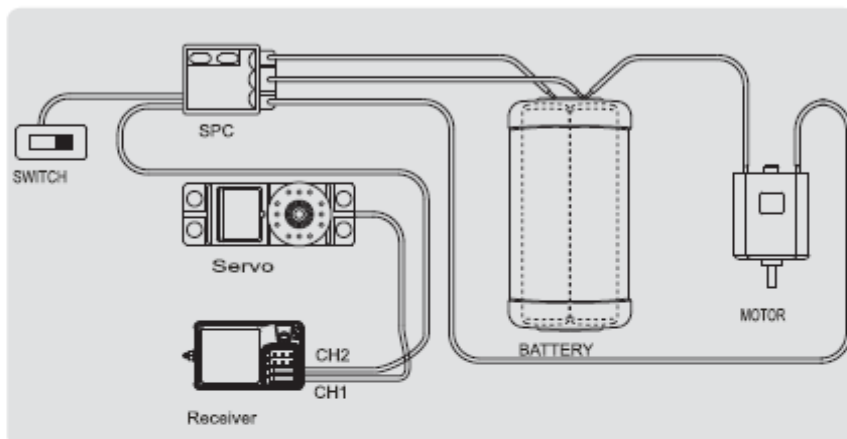


Specifications:

- | | |
|-------------------------------------|---------------------------|
| A. channels: 3 channels; | 1. 通道数: 3个通道; |
| B. model type: car/boat; | 2. 适合机种: 车, 船; |
| C. frequency band: 2.4G | 3. 频率: 2.4G; |
| D. modulation: GFSK; | 4. 调制方式: GFSK; |
| E. sensitivity: 1024; | 5. 数据分辨率: 1024级; |
| F. RF receiver sensitivity: -100dbm | 6. 接收灵敏度: -100dbm; |
| G. power: 4.5-6vdc; | 7. 电源: 4.5-6伏; |
| H. weight: 5g; | 8. 整机重量: 5g; |
| I. ANT length: 26mm; | 9. 天线长度: 26mm; |
| J. size: 37.6*22.3*13mm; | 10. 外型尺寸: 37.6*22.3*13mm; |
| K. color: gray semi-transparent; | 11. 外观颜色: 灰色透明; |
| L. certificate: CE FCC; | 12. 认证: CE FCC; |

8. RECEIVER CONNECTIVITY

8.01 INSTALLATION WHEN A MOTOR CONTROLLER IS USED



Remark: Place the antenna of the receiver vertically with the plane!
And don't let it close to the metal thing for assuring its sensitivity. (See pic1)

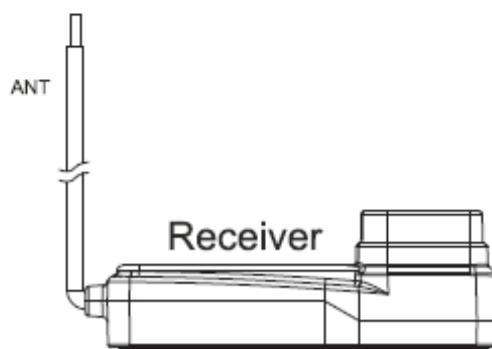
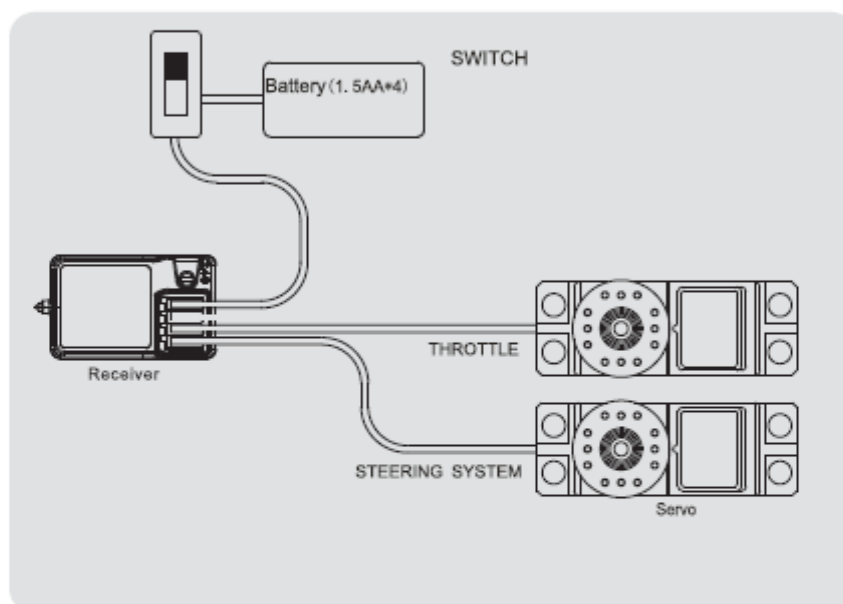


Figure 1

8.02 INSTALLATION FOR GAS POWERED MODELS



9.2.4G OPERATION NOTES

9.01 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, 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. (Figure.1)
- 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. (This process about 5s)
- 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.
(The above ways of match is only suitable for FLYSKY 2.4G products)

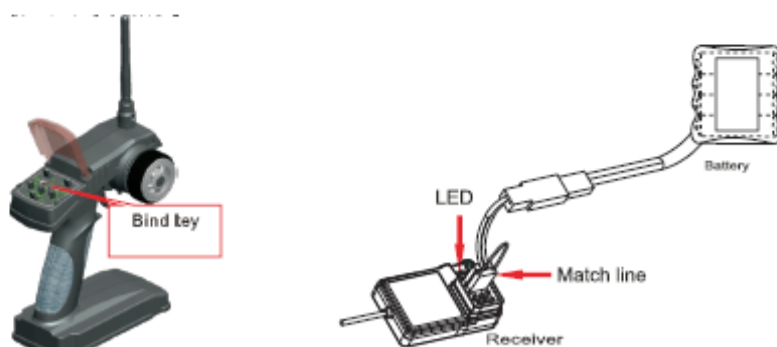


Figure 1

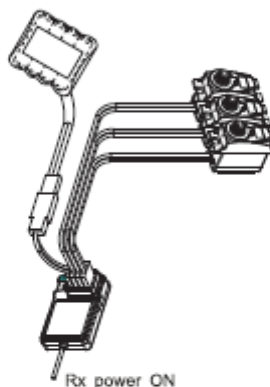
9.02 power on:

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



Tx power ON

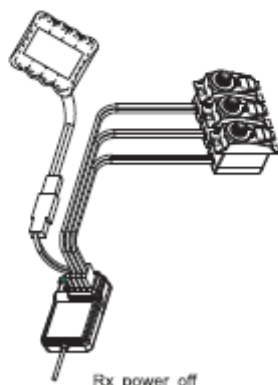
! Power on
→



Rx power ON

9.03 Shut down:

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



Rx power off

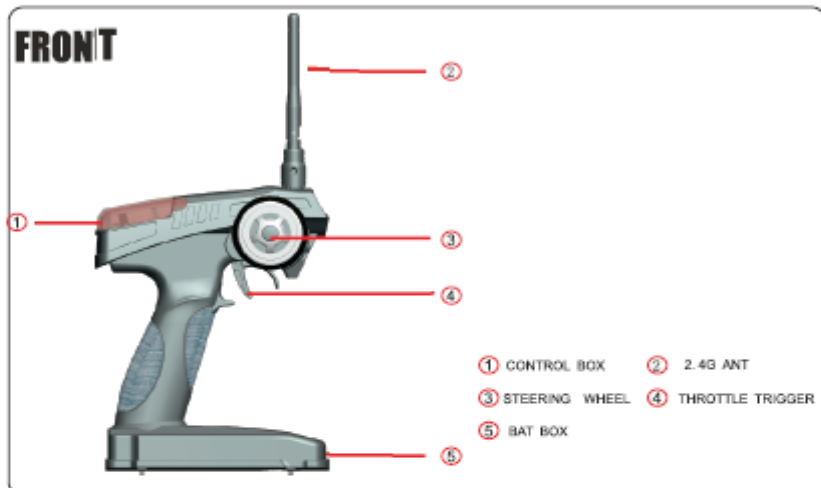
! Shut down
→



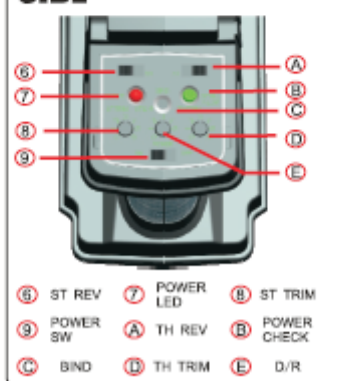
Tx power off

10. EACH PART OF THE TRANSMITTER

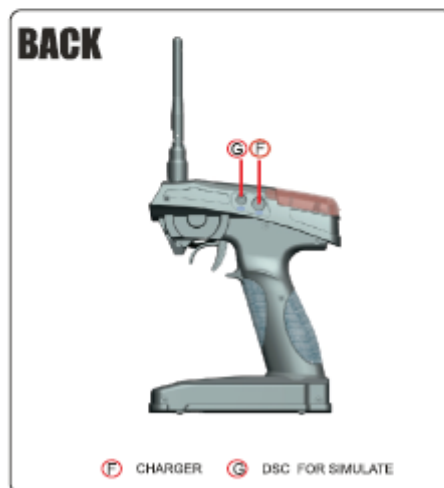
FRONT



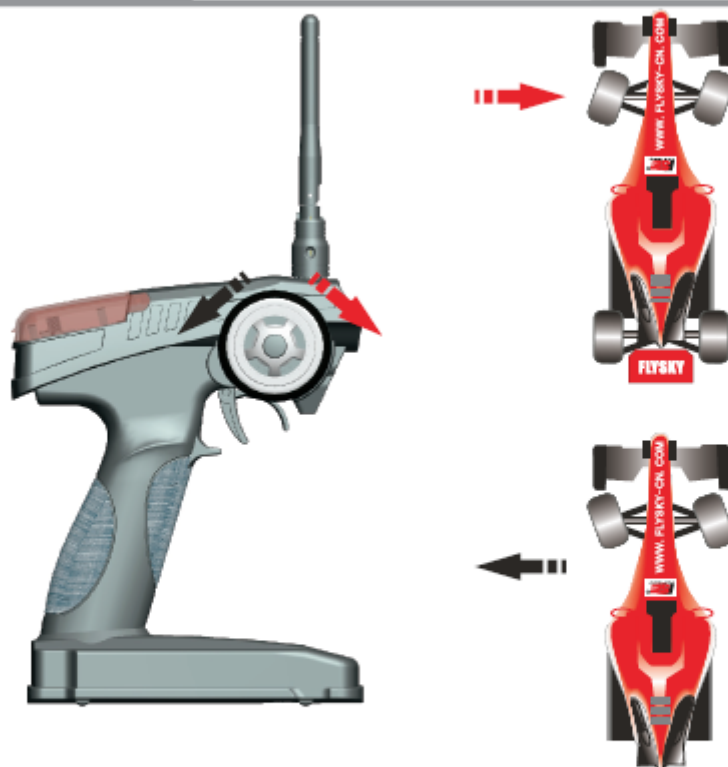
SIDE



BACK



II. TRANSMITTER FUNCTION NOTES

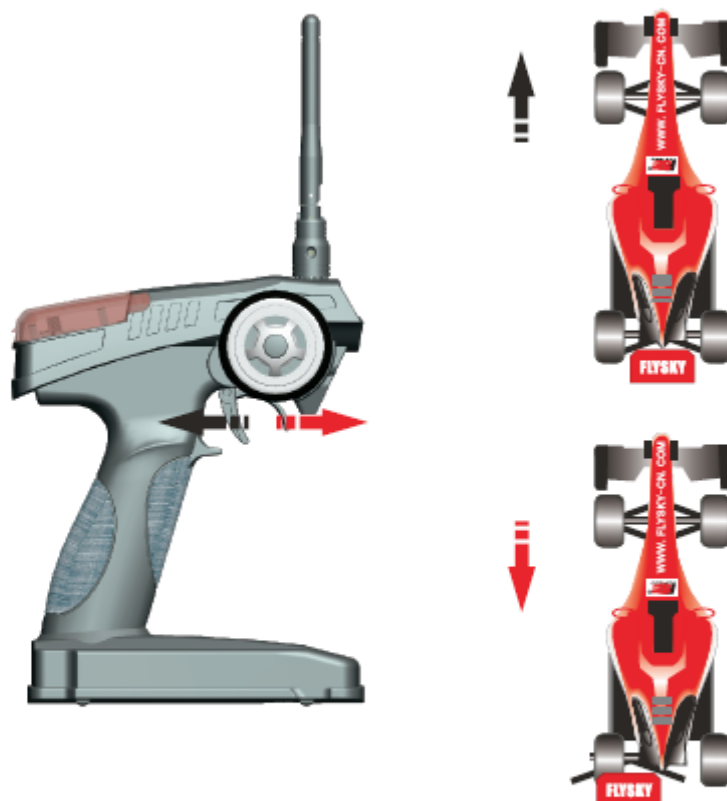


Function Introduction:

This function is to control the direction, when the steering turn to right then the front wheel will turn to right (as picture), when the steering turn to left then the front wheel will turn to left (as picture).

Operation Method:

Adjust the dual rate of the steering by adjusting the D/R knob.



Function Introduction:

This function is to control the throttle speed, when pull the throttle trigger back, car will accelerate forward (see the picture), when push the throttle trigger, the car will put on the brakes or double ring astern (according to the different ESC) (see the picture).

Operation Method:

To control it by pushing and pulling back the throttle trigger after power on.

Function Introduction:

This function is for the virtual RC racing through the computer, you can practise the racing from the computer.

Operation Method:

1. Hook up the DSC port of your Transmitter to the USB adaptor (fs-sm100) and plug the USB adaptor into your PC notebook.
2. Turn on the Transmitter.
3. Open the VRC software.
4. Follow the on-screen instruction to set.

Remark:

The VRC software we provided is free which is offer only one basic track and training ground. If you need any other track, please contact VRC Company, thank you!









TO COMPUTER USB PORT
MODEL NO: FS-SM100

13. EXPLODED DRWING



14. PACKAGING WITH CONTENT LIST

NO:	Model	Sum	Remarks
1	2 channel 2.4G transmitter (FS-GT2) 	1	
2	3channel 2.4G receiver (FS-Gr3A) 	1	
3	MANUAL 	1	
4	Charger 	1	Optional
5	Servo (FS-S009) 	2	Optional
6	FS-SM100 	1	Optional

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.

FCC NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.



Digital proportional radio control system



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